



**Huawei**  
**OceanStor S2200T**  
**Interoperability Matrix**

Date: 05/17/2015

Huawei Technologies Co., Ltd. provides customers with comprehensive technical support and service. For any assistance, please contact our local representative office, agency, or customer service center.

## **Huawei Technologies Co., Ltd.**

Address: Huawei Industrial Base  
Bantian, Longgang  
Shenzhen 518129  
People's Republic of China

Website: <http://www.huawei.com>

Email: [support@huawei.com](mailto:support@huawei.com)

**Copyright © Huawei Technologies Co., Ltd. 2015. All rights reserved.**

No part of this document may be reproduced or transmitted in any form or by any means without prior written consent of Huawei Technologies Co., Ltd.

### **Trademark Notice**



and other Huawei trademarks are trademarks or registered trademarks of Huawei Technologies Co., Ltd.

Other trademarks, products, services and company names mentioned are the property of their respective owners.

### **NO WARRANTY**

THE CONTENTS OF THIS DOCUMENT ARE FOR REFERENCE ONLY AND DO NOT CONSTITUTE ANY FORM OF COMMITMENT. EXCEPT AS REQUIRED BY APPLICABLE LAWS, NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE MADE IN RELATION TO THE CONTENTS OF THIS DOCUMENT. THE INFORMATION IN THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE.

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT SHALL HUAWEI TECHNOLOGIES CO., LTD BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR FOR LOSS OF PROFIT, DATA, GOODWILL OR ANTICIPATED SAVINGS ARISING OUT OF OR IN CONNECTION WITH THE USE OF THIS DOCUMENT.

UNLESS OTHERWISE SPECIFIED, WARRANTY, SERVICE, AND SUPPORT FOR NON-HUAWEI PRODUCTS ARE PROVIDED DIRECTLY TO YOU BY THE PRODUCT MANUFACTURER, SUPPLIER OR PUBLISHER OF THE PRODUCT. HUAWEI MAKES NO REPRESENTATIONS OR WARRANTIES REGARDING THE NON-HUAWEI PRODUCTS. FOR SUPPORT ISSUES REGARDING NON-HUAWEI PRODUCTS, PLEASE CONTACT THE MANUFACTURER OF THE PRODUCT DIRECTLY. HUAWEI DOES NOT PROVIDE SERVICE OR SUPPORT FOR THE NON-HUAWEI PRODUCTS LISTED, BUT DOES NOT PROHIBIT THEM FROM BEING USED TOGETHER WITH HUAWEI'S STORAGE PRODUCTS.

# Contents

End-of-Support Products .....	1
OceanStor S2200T .....	2
FC Host Interface .....	2
Base Connectivity .....	2
Apple Mac OS X .....	2
CentOS x86 .....	3
CentOS x86_64 .....	26
Debian x86 .....	48
Debian x86_64 .....	48
FreeBSD x86 .....	48
FreeBSD x86_64 .....	48
HP-UX .....	49
IBM AIX .....	49
Kylin x86_64 .....	51
NeoKylin x86_64 .....	51
Microsoft Windows Itanium .....	52
Microsoft Windows x64 .....	52
Microsoft Windows x86 .....	94
Oracle Enterprise Linux UEK x86_64 .....	113
Oracle Solaris for SPARC .....	118
Oracle Solaris for x86 .....	121
Red Hat x86 .....	122
Red Hat x86_64 .....	155
Red Hat Itanium .....	190
Red Flag x86 .....	190
Red Flag x86_64 .....	199
Rocky x86_64 .....	209
SUSE x86 .....	210
SUSE x86_64 .....	228
SUSE Itanium .....	247
Ubuntu x86 .....	247
Ubuntu x86_64 .....	248
Virtualization .....	249
Citrix XenServer .....	249
FusionSphere .....	257
Hyper-V .....	258
IBM VIOS .....	260
VMware .....	260
Oracle VM x86_64 .....	274
RHEV .....	276
Cluster Software .....	277
HP-UX .....	277

IBM AIX.....	278
Oracle Solaris .....	278
Red Hat.....	279
SUSE .....	279
Microsoft Windows .....	280
Switch.....	280
Long-distance transmission .....	307
Volume Manager Software .....	307
HP-UX.....	307
IBM AIX.....	307
Red Hat.....	307
SUSE .....	307
Storage Virtualization.....	307
Huawei.....	307
IBM .....	308
Backup Software .....	308
Storage used as backup media .....	308
iSCSI Host Interface.....	310
Base Connectivity.....	310
CentOS x86 .....	310
CentOS x86_64 .....	310
HP-UX.....	310
IBM AIX.....	310
Microsoft Windows x64 .....	311
Microsoft Windows x86 .....	313
Oracle Enterprise Linux UEK x86_64 .....	315
Oracle Solaris for SPARC .....	315
Red Hat x86.....	315
Red Hat x86_64.....	316
Red Flag x86 .....	318
Red Flag x86_64.....	318
Rocky x86_64.....	318
Neokylin x86_64 .....	319
SUSE x86 .....	319
SUSE x86_64 .....	319
Ubuntu x86.....	320
Ubuntu x86_64.....	320
Virtualization .....	321
Citrix XenServer.....	321
Hyper-V.....	321
FusionSphere .....	321
VMware.....	321
Oracle VM x86_64 .....	322
Cluster Software .....	322

Windows.....	322
Red Hat.....	323
SUSE.....	323
InbandAgent Manager Software.....	324
Operating System .....	324
UltraAPM.....	325
UltraAPM Console.....	325
Application Support.....	325
DB2 .....	325
Microsoft SQL Server.....	325
Oracle .....	325
Sybase.....	326
ISM.....	327
ISM (V100R006).....	327
Apple Mac OS X.....	327
Microsoft Windows x86 .....	327
Microsoft Windows x64 .....	327
Red Hat x86.....	327
Red Hat x86_64.....	327
SUSE x86 .....	327
SUSE x86_64 .....	328
Management Software.....	329
Huawei.....	329
eSight.....	329
FusionManager.....	329
ManageOne .....	329
IBM .....	329
TPC.....	329
Microsoft .....	329
VMM.....	329
OpenStack .....	330
Compatibility Certification.....	331
Brocade.....	331
Fibre Channel .....	331
Switch.....	331
Switch.....	331
Citrix Ready .....	332
Fibre Channel .....	332
iSCSI .....	332
IBM SVC.....	333
Fibre Channel .....	333
IBM V7000.....	334
Fibre Channel .....	334
Microsoft WHQL .....	335

Fibre Channel .....	335
iSCSI Channel .....	335
Oracle VM HCL .....	336
Fibre Channel .....	336
Symantec STEP .....	337
Fibre Channel .....	337
HP-UX .....	337
IBM AIX .....	337
Oracle Solaris .....	337
Red Hat .....	338
SUSE .....	338
Microsoft Windows .....	338
iSCSI .....	339
Microsoft Windows .....	339
VMware Ready .....	340
Fibre Channel .....	340
iSCSI .....	340
VMware SRM .....	341
Fibre Channel .....	341
iSCSI .....	341
VMware PSA .....	342
Fibre Channel .....	342
iSCSI .....	342
VMware VASA .....	343
Fibre Channel .....	343
Kylin .....	344
Fibre Channel .....	344
NeoKylin NeoCertify .....	345
Fibre Channel .....	345
Rocky .....	346
Fibre Channel .....	346
Abbreviations .....	347

# End-of-Support Products

NO.	Component Name	End-of-Support Date	Description	Notes
1	Huawei InbandAgent, HyperManager	2012-02-17	Huawei OceanStor storage will terminal its InbandAgent and HyperManager support for Linux (SUSE 10, Red Hat 5) platform by Feb 17, 2012.	See <sup>1</sup>
2	Huawei InbandAgent	2011-12-17	Huawei OceanStor storage will terminal its InbandAgent support for AIX, HP-UX, Solaris platform by Dec 17, 2011.	See <sup>1</sup>

1. If you have any requirement of this platform, please contact the technical service centre of Huawei Technologies Co., Ltd..

# OceanStor S2200T

## FC Host Interface

This chapter contains the compatible information for storage system using FC host interface.

## Base Connectivity

### Apple Mac OS X

#### Apple

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Apple Mac Pro Workstations, Apple Xserve Servers	Mac OS X 10.5.4	QLogic QLA2460 <sup>1</sup> , QLA2462 <sup>1</sup> , QLE2460 <sup>1</sup> , QLE2462 <sup>1</sup>	QLogic Multipathing driver	OceanStor S2200T	See <sup>3,9,10</sup> .11
2	Apple Mac Pro Workstations, Apple Xserve Servers	Mac OS X 10.5.4	ATTO Celerity FC-41ES <sup>2</sup> , FC-42ES <sup>2</sup>	ATTO Multipathing driver	OceanStor S2200T	See <sup>3,9,10</sup> .11
3	Apple Mac Pro Workstations, Apple Xserve Servers	Mac OS X 10.6.1, 10.6.2, 10.6.3, 10.6.4, 10.6.5, 10.6.6, 10.6.7	ATTO Celerity FC-41ES <sup>2,6</sup> , FC-42ES <sup>2,6</sup>	ATTO Multipathing driver	OceanStor S2200T	See <sup>3,9,10</sup> .11
4	Apple Mac Pro Workstations, Apple Xserve Servers	Mac OS X 10.6.4, 10.6.5, 10.6.6, 10.6.7	ATTO Celerity FC-81EN <sup>4</sup> , FC-82EN <sup>4</sup>	ATTO Multipathing driver	OceanStor S2200T	See <sup>3,9,10</sup> .11
5	Apple Mac Pro Workstations, Apple Xserve Servers	Mac OS X 10.6.5	LSI 7204EP	LSI Multipathing driver	OceanStor S2200T	See <sup>9,10,11</sup>
6	Apple Mac Pro Workstations, Apple Xserve Servers	Mac OS X 10.6.8	ATTO Celerity FC-41ES <sup>5,6</sup> , FC-42ES <sup>5,6</sup>	ATTO Multipathing driver	OceanStor S2200T	See <sup>3,9,10</sup> .11
7	Apple Mac Pro Workstations	Mac OS X 10.7	ATTO Celerity FC-41ES <sup>2</sup> , FC-42ES <sup>2</sup> , FC-81EN <sup>4</sup> , FC-82EN <sup>4</sup>	ATTO Multipathing driver	OceanStor S2200T	See <sup>3,9,10</sup> .11
8	Apple Mac Pro Workstations	Mac OS X 10.7.2	ATTO Celerity FC-41ES <sup>7</sup> , FC-42ES <sup>7</sup> , FC-81EN <sup>4</sup> , FC-82EN <sup>4</sup>	ATTO Multipathing driver	OceanStor S2200T	See <sup>3,9,10</sup> .11
9	Apple Mac Pro Workstations	Mac OS X 10.7.3	ATTO Celerity FC-41ES <sup>7</sup> , FC-42ES <sup>7</sup> , FC-81EN <sup>4</sup> , FC-82EN <sup>4</sup>	ATTO Multipathing driver	OceanStor S2200T	See <sup>3,9,10</sup> .11
10	Apple Mac Pro Workstations	Mac OS X 10.7.4	ATTO Celerity FC-81EN <sup>4</sup> , FC-82EN <sup>4</sup>	ATTO Multipathing driver	OceanStor S2200T	See <sup>3,9,10</sup> .11
11	Apple Mac Pro Workstations	Mac OS X 10.8	ATTO Celerity FC-81EN <sup>8</sup> , FC-82EN <sup>8</sup>	ATTO Multipathing driver	OceanStor S2200T	See <sup>3,9,10</sup> .11



12	Apple Mac Pro Workstations	Mac OS X 10.8.1	ATTO Celerity FC-81EN <sup>8</sup> ,FC-82EN <sup>8</sup>	ATTO Multipathing driver	OceanStor S2200T	See <sup>3,9,10</sup> .11
13	Apple Mac Pro Workstations	Mac OS X 10.8.2	ATTO Celerity FC-81EN <sup>8</sup> ,FC-82EN <sup>8</sup>	ATTO Multipathing driver	OceanStor S2200T	See <sup>3,9,10</sup> .11
14	Apple Mac Pro Workstations	Mac OS X 10.8.3	ATTO Celerity FC-41ES <sup>12</sup> ,FC-42ES <sup>12</sup> ,FC-81EN <sup>8</sup> ,FC-82EN <sup>8</sup>	ATTO Multipathing driver	OceanStor S2200T	See <sup>3,9,10</sup> .11
15	Apple Mac Pro Workstations	Mac OS X 10.8.4	ATTO Celerity FC-81EN <sup>8</sup> ,FC-82EN <sup>8</sup>	ATTO Multipathing driver	OceanStor S2200T	See <sup>3,9,10</sup> .11
16	Apple Mac Pro Workstations	Mac OS X 10.8.5	ATTO Celerity FC-81EN <sup>8</sup> ,FC-82EN <sup>8</sup>	ATTO Multipathing driver	OceanStor S2200T	See <sup>3,9,10</sup> .11
17	Apple Mac Pro Workstations	Mac OS X 10.9	ATTO Celerity FC-81EN <sup>8</sup> ,FC-82EN <sup>8</sup>	ATTO Multipathing driver	OceanStor S2200T	See <sup>3,9,10</sup> .11
18	Apple Mac Pro Workstations	Mac OS X 10.9.1	ATTO Celerity FC-81EN <sup>13</sup> ,FC-82EN <sup>13</sup>	ATTO Multipathing driver	OceanStor S2200T	See <sup>3,9,10</sup>

1. HBA driver version is QLogicHBA2xxx-2.00.03-2.
2. HBA driver version is 3.4.4.
3. Don't support online expansion.
4. HBA driver version is 1.4.3.
5. HBA driver version is 3.4.0.
6. The FC ports of the Storage System should be set to Point-to-Point topology in direct connection configuration.
7. HBA driver version is 3.4.7.
8. HBA driver version is 2.0.0.
9. It is recommended that each zone should contain only one initiator and one target when in switch connection configuration.
10. Resetting one controller with traffic is not supported. Online upgrade or replace the controller is not allowed.
11. The LUNs mapped to the hosts must include the LUN with hostid=0.
12. HBA driver version is 3.4.8.
13. HBA driver version is 2.2.0.

## CentOS x86

### Dell

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
-----	--------------	------------------	------------------	--------------------	---------------------	-------

1	Dell PowerEdge Series	CentOS 5 for x86	<p>Emulex LP11000<sup>1</sup>,LP11002<sup>1</sup>,LPe11000<sup>1</sup>,LPe11002<sup>1</sup></p> <p>QLogic QLA2460<sup>2</sup>,QLA2462<sup>2</sup>,QLE2460<sup>2</sup>,QLE2462<sup>2</sup></p> <p>Dell LPe11002-E<sup>1</sup>,PF323<sup>2</sup>,FH590<sup>2</sup>,DH226<sup>2</sup>,FF340<sup>2</sup></p>	UltraPath	OceanStor S2200T	
2	Dell PowerEdge Series	CentOS 5.1 for x86	<p>Brocade 415<sup>3,4,5</sup>,425<sup>3,4,5</sup>,815<sup>3,4,5</sup>,825<sup>3,4,5</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p> <p>Emulex LPe12000<sup>6</sup>,LPe12002<sup>6</sup></p> <p>Dell BR815<sup>3,4,5</sup>,BR825<sup>3,4,5</sup>,LPe12000-E<sup>6</sup>,LPe12002-E<sup>6</sup>,PF323,FH590,DH226,FF340</p>	UltraPath	OceanStor S2200T	
3	Dell PowerEdge Series	CentOS 5.2 for x86	<p>Brocade 415<sup>3,4,5</sup>,425<sup>3,4,5</sup>,815<sup>3,4,5</sup>,825<sup>3,4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe1250<sup>6</sup>,LPe12000<sup>6</sup>,LPe12002<sup>6</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p> <p>Dell BR815<sup>3,4,5</sup>,BR825<sup>3,4,5</sup>,LPe11002-E,LPe12000-E<sup>6</sup>,LPe12002-E<sup>6</sup>,PF323,FH590,DH226,FF340</p>	UltraPath	OceanStor S2200T	

4	Dell PowerEdge Series	CentOS 5.3 for x86	<p>Brocade 415<sup>3,4,5</sup>,425<sup>3,4,5</sup>,815<sup>3,4,5</sup>,825<sup>3,4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup></p> <p>QLogic QLE2560,QLE2562</p> <p>Dell BR815<sup>3,4,5</sup>,BR825<sup>3,4,5</sup>,LPe11002-E,LPe12000-E<sup>6</sup>,LPe12002-E<sup>6</sup>,F641C,H144C</p>	UltraPath	OceanStor S2200T	
5	Dell PowerEdge Series	CentOS 5.4 for x86	<p>Brocade 415<sup>3,4,5</sup>,425<sup>3,4,5</sup>,815<sup>3,4,5</sup>,825<sup>3,4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup></p> <p>QLogic QLE2560,QLE2562</p> <p>Dell BR815<sup>3,4,5</sup>,BR825<sup>3,4,5</sup>,LPe11002-E,LPe12000-E<sup>6</sup>,LPe12002-E<sup>6</sup>,F641C,H144C</p>	UltraPath	OceanStor S2200T	
6	Dell PowerEdge Series	CentOS 5.5 for x86	<p>Brocade 415<sup>3,4,5</sup>,425<sup>3,4,5</sup>,815<sup>3,4,5</sup>,825<sup>3,4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLE2560,QLE2562</p> <p>Dell BR815<sup>3,4,5</sup>,BR825<sup>3,4,5</sup>,LPe11002-E,LPe12000-E<sup>6</sup>,LPe12002-E<sup>6</sup>,LPe1150-E,LP1150-E,F641C,H144C</p>	UltraPath	OceanStor S2200T	

7	Dell PowerEdge Series	CentOS 5.6 for x86	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>Dell BR815<sup>4,5</sup>,BR825<sup>4,5</sup>,LP1150-E,LPe11002-E,LPe12000-E<sup>6</sup>,LPe12002-E<sup>6</sup>,LPe1150-E,P F323,FH590,DH226,FF340,F641C,H144C</p>	UltraPath	OceanStor S2200T	
8	Dell PowerEdge Series	CentOS 5.7 for x86	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>Dell BR815<sup>4,5</sup>,BR825<sup>4,5</sup>,LPe11002-E,LPe12000-E<sup>6</sup>,LPe12002-E<sup>6</sup>,PF323,FH590,DH226,F F340,F641C,H144C</p>	UltraPath	OceanStor S2200T	
9	Dell PowerEdge Series	CentOS 5.8 for x86	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>Dell BR815<sup>4,5</sup>,BR825<sup>4,5</sup>,LPe11002-E,LPe12000-E<sup>6</sup>,LPe12002-E<sup>6</sup>,LP1150-E,LPe1150-E,P F323,FH590,DH226,FF340,F641C,H144C</p>	UltraPath	OceanStor S2200T	

10	Dell PowerEdge Series	CentOS 5.9 for x86	QLogic QLA2460,QLA2462,QLE2460,QLE2462  Dell PF323,FH590,DH226,FF340	UltraPath	OceanStor S2200T	
11	Dell PowerEdge Series	CentOS 5.10 for x86	QLogic QLE2560,QLE2562  Dell F641C,H144C	UltraPath	OceanStor S2200T	
12	Dell PowerEdge Series	CentOS 6.0 for x86	Brocade 415 <sup>4,5</sup> ,425 <sup>4,5</sup> ,815 <sup>4,5</sup> ,825 <sup>4,5</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup> ,LPe1250 <sup>6</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462 Dell BR815 <sup>4,5</sup> ,BR825 <sup>4,5</sup> ,LPe11002-E,LPe12000-E <sup>6</sup> ,LPe12002-E <sup>6</sup> ,PF323,FH590,DH226,FF340		OceanStor S2200T	
			QLogic QLE2560,QLE2562  Dell F641C,H144C	UltraPath	OceanStor S2200T	
13	Dell PowerEdge Series	CentOS 6.1 for x86	Brocade 415 <sup>4,5</sup> ,425 <sup>4,5</sup> ,815 <sup>4,5</sup> ,825 <sup>4,5</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup> ,LPe1250 <sup>6</sup> ,LPe1150  QLogic QLA2460,QLA2462,QLE2460,QLE2462 Dell BR815 <sup>4,5</sup> ,BR825 <sup>4,5</sup> ,LPe11002-E,LPe1150-E,LP1150-E,LPe12000-E <sup>6</sup> ,LPe12002-E <sup>6</sup> ,PF323,FH590,DH226,FF340		OceanStor S2200T	
			QLogic QLE2560,QLE2562  Dell F641C,H144C	UltraPath	OceanStor S2200T	

14	Dell PowerEdge Series	CentOS 6.2 for x86	Brocade 415 <sup>4,5</sup> ,425 <sup>4,5</sup> ,815 <sup>4,5</sup> ,825 <sup>4,5</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup> ,LPe1250 <sup>6</sup> ,LPe1150  QLogic QLA2460,QLA2462,QLE2460,QLE2462  Dell BR815 <sup>4,5</sup> ,BR825 <sup>4,5</sup> ,LPe11002-E,LPe1150-E,LP1150-E,LPe12000-E <sup>6</sup> ,LPe12002-E <sup>6</sup> ,PF323,FH590,DH226,FF340		OceanStor S2200T	
			QLogic QLE2560,QLE2562  Dell F641C,H144C	UltraPath	OceanStor S2200T	
			Brocade 1860-1 <sup>7</sup> ,1860-2 <sup>7</sup>	DM-Multipath <sup>h</sup> <sup>8</sup>	OceanStor S2200T	
15	Dell PowerEdge Series	CentOS 6.3 for x86	QLogic QLE2560,QLE2562  Dell F641C,H144C	DM-Multipath <sup>h</sup> <sup>8</sup>	OceanStor S2200T	
			QLogic QLE2560,QLE2562  Dell F641C,H144C	UltraPath	OceanStor S2200T	
16	Dell PowerEdge Series	CentOS 6.4for x86	Emulex LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup>  Dell LPe12000-E <sup>6</sup> ,LPe12002-E <sup>6</sup>	UltraPath	OceanStor S2200T	
17	Dell PowerEdge Series	CentOS 6.5for x86	Emulex LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup>  Dell LPe12000-E <sup>6</sup> ,LPe12002-E <sup>6</sup>	UltraPath	OceanStor S2200T	

1. HBA driver version is 8.2.0.29.
2. HBA driver version is 8.02.23.
3. HBA firmware/ driver version is 3.0.0.0.
4. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection. The CLI command is: chgportparam -c controller id -if interface module id -p port id -d 500.
5. The HBA doesn't support Arbitrated Loop topology.
6. It is required to set the topology of the disk storage port to Arbitrated Loop in direct connection configuration.
7. HBA driver version is 3.0.2.2.
8. For the detail configuration of DM-Multipath , please contact the technical service centre of Huawei Technologies Co., Ltd..

## HP

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
-----	--------------	------------------	------------------	--------------------	---------------------	-------

1	HP ProLiant Series	CentOS 5 for x86	<p>Emulex LP11000<sup>1</sup>,LP11002<sup>1</sup>,LPe11000<sup>1</sup>,LPe11002<sup>1</sup></p> <p>QLogic QLA2460<sup>2</sup>,QLA2462<sup>2</sup>,QLE2460<sup>2</sup>,QLE2462<sup>2</sup></p> <p>HP AD168A/FC2243<sup>1</sup>,A8003A/FC2242SR<sup>1</sup>,AB429A/FC1143<sup>2</sup>,AE369A/FC1243<sup>2</sup>,AE311A/FC1142SR<sup>2</sup>,AE312A/FC1242SR<sup>2</sup></p>	UltraPath	OceanStor S2200T	
2	HP ProLiant Series	CentOS 5.1 for x86	<p>Brocade 415<sup>3,4,5</sup>,425<sup>3,4,5</sup>,815<sup>3,4,5</sup>,825<sup>3,4,5</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p> <p>Emulex LPe12000<sup>6</sup>,LPe12002<sup>6</sup></p> <p>HP AP767A<sup>3,4,5</sup>,AP768A<sup>3,4,5</sup>,AP769A<sup>3,4,5</sup>,AP770A<sup>3,4,5</sup>,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,AJ762A/81E<sup>6</sup>,AJ763A/82E<sup>6</sup></p>	UltraPath	OceanStor S2200T	
3	HP ProLiant Series	CentOS 5.2 for x86	<p>Brocade 415<sup>3,4,5</sup>,425<sup>3,4,5</sup>,815<sup>3,4,5</sup>,825<sup>3,4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe1250<sup>6</sup>,LPe12000<sup>6</sup>,LPe12002<sup>6</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p> <p>HP AP767A<sup>3,4,5</sup>,AP768A<sup>3,4,5</sup>,AP769A<sup>3,4,5</sup>,AP770A<sup>3,4,5</sup>,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,AD168A/FC2243,A8003A/FC2242SR,AJ762A/81E<sup>6</sup>,AJ763A/82E<sup>6</sup></p>	UltraPath	OceanStor S2200T	

4	HP ProLiant Series	CentOS 5.3 for x86	<p>Brocade 415<sup>3,4,5</sup>,425<sup>3,4,5</sup>,815<sup>3,4,5</sup>,825<sup>3,4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,L Pe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup></p> <p>QLogic QLE2560,QLE2562</p> <p>HP AP767A<sup>3,4,5</sup>,AP768A<sup>3,4,5</sup>,AP769A<sup>3,4,5</sup>,AP7 70A<sup>3,4,5</sup>,AK344A/81Q,AJ764A/82Q,AD16 8A/FC2243,A8003A/FC2242SR,AJ762A/ 81E<sup>6</sup>,AJ763A/82E<sup>6</sup></p>	UltraPath	OceanStor S2200T	
5	HP ProLiant Series	CentOS 5.4 for x86	<p>Brocade 415<sup>3,4,5</sup>,425<sup>3,4,5</sup>,815<sup>3,4,5</sup>,825<sup>3,4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,L Pe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup></p> <p>QLogic QLE2560,QLE2562</p> <p>HP AP767A<sup>3,4,5</sup>,AP768A<sup>3,4,5</sup>,AP769A<sup>3,4,5</sup>,AP7 70A<sup>3,4,5</sup>,AK344A/81Q,AJ764A/82Q,AD16 8A/FC2243,A8003A/FC2242SR,AJ762A/ 81E<sup>6</sup>,AJ763A/82E<sup>6</sup></p>	UltraPath	OceanStor S2200T	
6	HP ProLiant Series	CentOS 5.5 for x86	<p>Brocade 415<sup>3,4,5</sup>,425<sup>3,4,5</sup>,815<sup>3,4,5</sup>,825<sup>3,4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe 11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,L Pe1150</p> <p>QLogic QLE2560,QLE2562</p> <p>HP AP767A<sup>3,4,5</sup>,AP768A<sup>3,4,5</sup>,AP769A<sup>3,4,5</sup>,AP7 70A<sup>3,4,5</sup>,AK344A/81Q,AJ764A/82Q,AD16 8A/FC2243,A8003A/FC2242SR,AJ762A/ 81E<sup>6</sup>,AJ763A/82E<sup>6</sup>,A8002A/FC2142SR</p>	UltraPath	OceanStor S2200T	



7	HP ProLiant Series	CentOS 5.6 for x86	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>HP AP767A<sup>4,5</sup>,AP768A<sup>4,5</sup>,AP769A<sup>4,5</sup>,AP770A<sup>4,5</sup>,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,AK344A/81Q,AJ764A/82Q,AD168A/FC2243,A8003A/FC2242SR,AJ762A/81E<sup>6</sup>,AJ763A/82E<sup>6</sup>,A8002A/FC2142SR</p>	UltraPath	OceanStor S2200T	
8	HP ProLiant Series	CentOS 5.7 for x86	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>HP AP767A<sup>4,5</sup>,AP768A<sup>4,5</sup>,AP769A<sup>4,5</sup>,AP770A<sup>4,5</sup>,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,AK344A/81Q,AJ764A/82Q,AD168A/FC2243,A8003A/FC2242SR,AJ762A/81E<sup>6</sup>,AJ763A/82E<sup>6</sup></p>	UltraPath	OceanStor S2200T	

9	HP ProLiant Series	CentOS 5.8 for x86	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>HP AP767A<sup>4,5</sup>,AP768A<sup>4,5</sup>,AP769A<sup>4,5</sup>,AP770A<sup>4,5</sup>,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,AK344A/81Q,AJ764A/82Q,AD168A/FC2243,A8003A/FC2242SR,AJ762A/81E<sup>6</sup>,AJ763A/82E<sup>6</sup>,A8002A/FC2142SR</p>	UltraPath	OceanStor S2200T	
10	HP ProLiant Series	CentOS 5.9 for x86	<p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p> <p>HP AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR</p>	UltraPath	OceanStor S2200T	
11	HP ProLiant Series	CentOS 5.10 for x86	<p>QLogic QLE2560,QLE2562</p> <p>HP AK344A/81Q,AJ764A/82Q</p>	UltraPath	OceanStor S2200T	
12	HP ProLiant Series	CentOS 6.0 for x86	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p> <p>HP AP767A<sup>4,5</sup>,AP768A<sup>4,5</sup>,AP769A<sup>4,5</sup>,AP770A<sup>4,5</sup>,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,AD168A/FC2243,A8003A/FC2242SR,AJ762A/81E<sup>6</sup>,AJ763A/82E<sup>6</sup></p>		OceanStor S2200T	
			<p>QLogic QLE2560,QLE2562</p> <p>HP AK344A/81Q,AJ764A/82Q</p>	UltraPath	OceanStor S2200T	

13	HP ProLiant Series	CentOS 6.1 for x86	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p> <p>HP AP767A<sup>4,5</sup>,AP768A<sup>4,5</sup>,AP769A<sup>4,5</sup>,AP770A<sup>4,5</sup>,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SRAD168A/FC2243,A8003A/FC2242SR,AJ762A/81E<sup>6</sup>,AJ763A/82E<sup>6</sup>,A8002A/FC2142SR</p>		OceanStor S2200T	
			<p>QLogic QLE2560,QLE2562</p> <p>HP AK344A/81Q,AJ764A/82Q</p>	UltraPath	OceanStor S2200T	
14	HP ProLiant Series	CentOS 6.2 for x86	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p> <p>HP AP767A<sup>4,5</sup>,AP768A<sup>4,5</sup>,AP769A<sup>4,5</sup>,AP770A<sup>4,5</sup>,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,AD168A/FC2243,A8003A/FC2242SR,AJ762A/81E<sup>6</sup>,AJ763A/82E<sup>6</sup>,A8002A/FC2142SR</p>		OceanStor S2200T	
			<p>QLogic QLE2560,QLE2562</p> <p>HP AK344A/81Q,AJ764A/82Q</p>	UltraPath	OceanStor S2200T	
			<p>Brocade 1860-1<sup>7</sup>,1860-2<sup>7</sup></p>	DM-Multipath <sup>h8</sup>	OceanStor S2200T	
15	HP ProLiant Series	CentOS 6.3 for x86	<p>QLogic QLE2560,QLE2562</p> <p>HP AK344A/81Q,AJ764A/82Q</p>	DM-Multipath <sup>h8</sup>	OceanStor S2200T	

			QLogic QLE2560,QLE2562 HP AK344A/81Q,AJ764A/82Q	UltraPath	OceanStor S2200T	
16	HP ProLiant Series	CentOS 6.4for x86	Emulex LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup> HP AJ762A/81E <sup>6</sup> ,AJ763A/82E <sup>6</sup>	UltraPath	OceanStor S2200T	
17	HP ProLiant Series	CentOS 6.5for x86	Emulex LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup> HP AJ762A/81E <sup>6</sup> ,AJ763A/82E <sup>6</sup>	UltraPath	OceanStor S2200T	

- HBA driver version is 8.2.0.29.
- HBA driver version is 8.02.23.
- HBA firmware/ driver version is 3.0.0.0.
- The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection. The CLI command is: chgportparam -c controller id -if interface module id -p port id -d 500.
- The HBA doesn't support Arbitrated Loop topology.
- It is required to set the topology of the disk storage port to Arbitrated Loop in direct connection configuration.
- HBA driver version is 3.0.2.2.
- For the detail configuration of DM-Multipath , please contact the technical service centre of Huawei Technologies Co., Ltd..

## Huawei

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Huawei RH Series	CentOS 5 for x86	Emulex LP11000 <sup>1</sup> ,LP11002 <sup>1</sup> ,LPe11000 <sup>1</sup> ,LPe11002 <sup>1</sup>  QLogic QLA2460 <sup>2</sup> ,QLA2462 <sup>2</sup> ,QLE2460 <sup>2</sup> ,QLE2462 <sup>2</sup>	UltraPath	OceanStor S2200T	
2	Huawei RH Series	CentOS 5.1 for x86	Brocade 415 <sup>3,4,5</sup> ,425 <sup>3,4,5</sup> ,815 <sup>3,4,5</sup> ,825 <sup>3,4,5</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462  Emulex LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup>	UltraPath	OceanStor S2200T	
3	Huawei RH Series	CentOS 5.2 for x86	Brocade 415 <sup>3,4,5</sup> ,425 <sup>3,4,5</sup> ,815 <sup>3,4,5</sup> ,825 <sup>3,4,5</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe1250 <sup>6</sup> ,LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462	UltraPath	OceanStor S2200T	

4	Huawei RH Series	CentOS 5.3 for x86	<p>Brocade 415<sup>3,4,5</sup>,425<sup>3,4,5</sup>,815<sup>3,4,5</sup>,825<sup>3,4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,L Pe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup></p> <p>QLogic QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	
5	Huawei RH Series	CentOS 5.4 for x86	<p>Brocade 415<sup>3,4,5</sup>,425<sup>3,4,5</sup>,815<sup>3,4,5</sup>,825<sup>3,4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,L Pe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup></p> <p>QLogic QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	
6	Huawei RH Series	CentOS 5.5 for x86	<p>Brocade 415<sup>3,4,5</sup>,425<sup>3,4,5</sup>,815<sup>3,4,5</sup>,825<sup>3,4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe 11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,L Pe1150</p> <p>QLogic QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	
7	Huawei RH Series	CentOS 5.6 for x86	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe 11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,L Pe1150</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462, QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	
8	Huawei RH Series	CentOS 5.7 for x86	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,L Pe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462, QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	

9	Huawei RH Series	CentOS 5.8 for x86	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	
10	Huawei RH Series	CentOS 5.9 for x86	<p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p>	UltraPath	OceanStor S2200T	
11	Huawei RH Series	CentOS 5.10 for x86	<p>QLogic QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	
12	Huawei RH Series	CentOS 6.0 for x86	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p>		OceanStor S2200T	
			<p>QLogic QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	
13	Huawei RH Series	CentOS 6.1 for x86	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p>		OceanStor S2200T	
			<p>QLogic QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	
14	Huawei RH Series	CentOS 6.2 for x86	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p>		OceanStor S2200T	
			<p>QLogic QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	
			<p>Brocade 1860-1<sup>7</sup>,1860-2<sup>7</sup></p>	DM-Multipath <sup>8</sup>	OceanStor S2200T	

15	Huawei RH Series	CentOS 6.3 for x86	QLogic QLE2560,QLE2562	DM-Multipath <sup>8</sup>	OceanStor S2200T	
			QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	
16	Huawei RH Series	CentOS 6.4 for x86	Emulex LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup>	UltraPath	OceanStor S2200T	
17	Huawei RH Series	CentOS 6.5 for x86	Emulex LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup>	UltraPath	OceanStor S2200T	

- HBA driver version is 8.2.0.29.
- HBA driver version is 8.02.23.
- HBA firmware/ driver version is 3.0.0.0.
- The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection. The CLI command is: chgportparam -c controller id -if interface module id -p port id -d 500.
- The HBA doesn't support Arbitrated Loop topology.
- It is required to set the topology of the disk storage port to Arbitrated Loop in direct connection configuration.
- HBA driver version is 3.0.2.2.
- For the detail configuration of DM-Multipath , please contact the technical service centre of Huawei Technologies Co., Ltd..

## IBM

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	IBM xSeries	CentOS 5 for x86	Emulex LP11000 <sup>1</sup> ,LP11002 <sup>1</sup> ,LPe11000 <sup>1</sup> ,LPe11002 <sup>1</sup>  QLogic QLA2460 <sup>2</sup> ,QLA2462 <sup>2</sup> ,QLE2460 <sup>2</sup> ,QLE2462 <sup>2</sup>  IBM 42D0405 <sup>1</sup> ,42D0407 <sup>1</sup> ,42C2069 <sup>1</sup> ,42C2071 <sup>1</sup> , 39M5894 <sup>2</sup> ,39M5895 <sup>2</sup> ,39R6525 <sup>2</sup> ,39R6527 <sup>2</sup>	UltraPath	OceanStor S2200T	
2	IBM xSeries	CentOS 5.1 for x86	Brocade 415 <sup>3,4,5</sup> ,425 <sup>3,4,5</sup> ,815 <sup>3,4,5</sup> ,825 <sup>3,4,5</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462  Emulex LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup>  IBM 59Y1987 <sup>3,4,5</sup> ,59Y1993 <sup>3,4,5</sup> ,46M6049 <sup>3,4,5</sup> ,46 M6050 <sup>3,4,5</sup> ,39M5894,39M5895,39R6525,3 9R6527,42D0485 <sup>6</sup> ,42D0494 <sup>6</sup>	UltraPath	OceanStor S2200T	

3	IBM xSeries	CentOS 5.2 for x86	<p>Brocade 415<sup>3,4,5</sup>,425<sup>3,4,5</sup>,815<sup>3,4,5</sup>,825<sup>3,4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,L Pe1250<sup>6</sup>,LPe12000<sup>6</sup>,LPe12002<sup>6</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p> <p>IBM 59Y1987<sup>3,4,5</sup>,59Y1993<sup>3,4,5</sup>,46M6049<sup>3,4,5</sup>,46 M6050<sup>3,4,5</sup>,39M5894,39M5895,39R6525,3 9R6527,42D0405,42D0407,42C2069,42C 2071,42D0485<sup>6</sup>,42D0494<sup>6</sup></p>	UltraPath	OceanStor S2200T	
4	IBM xSeries	CentOS 5.3 for x86	<p>Brocade 415<sup>3,4,5</sup>,425<sup>3,4,5</sup>,815<sup>3,4,5</sup>,825<sup>3,4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,L Pe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup></p> <p>QLogic QLE2560,QLE2562</p> <p>IBM 59Y1987<sup>3,4,5</sup>,59Y1993<sup>3,4,5</sup>,46M6049<sup>3,4,5</sup>,46 M6050<sup>3,4,5</sup>,42D0501,42D0510,42D0405,4 2D0407,42C2069,42C2071,42D0485<sup>6</sup>,42 D0494<sup>6</sup></p>	UltraPath	OceanStor S2200T	
5	IBM xSeries	CentOS 5.4 for x86	<p>Brocade 415<sup>3,4,5</sup>,425<sup>3,4,5</sup>,815<sup>3,4,5</sup>,825<sup>3,4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,L Pe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup></p> <p>QLogic QLE2560,QLE2562</p> <p>IBM 59Y1987<sup>3,4,5</sup>,59Y1993<sup>3,4,5</sup>,46M6049<sup>3,4,5</sup>,46 M6050<sup>3,4,5</sup>,42D0501,42D0510,42D0405,4 2D0407,42C2069,42C2071,42D0485<sup>6</sup>,42 D0494<sup>6</sup></p>	UltraPath	OceanStor S2200T	



6	IBM xSeries	CentOS 5.5 for x86	<p>Brocade 415<sup>3,4,5</sup>,425<sup>3,4,5</sup>,815<sup>3,4,5</sup>,825<sup>3,4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLE2560,QLE2562</p> <p>IBM 59Y1987<sup>3,4,5</sup>,59Y1993<sup>3,4,5</sup>,46M6049<sup>3,4,5</sup>,46M6050<sup>3,4,5</sup>,42D0501,42D0510,42D0405,42D0407,42C2069,42C2071,42D0485<sup>6</sup>,42D0494<sup>6</sup></p>	UltraPath	OceanStor S2200T	
7	IBM xSeries	CentOS 5.6 for x86	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>IBM 59Y1987<sup>4,5</sup>,59Y1993<sup>4,5</sup>,46M6049<sup>4,5</sup>,46M6050<sup>4,5</sup>,39M5894,39M5895,39R6525,39R6527,42D0501,42D0510,42D0405,42D0407,42C2069,42C2071,42D0485<sup>6</sup>,42D0494<sup>6</sup></p>	UltraPath	OceanStor S2200T	

8	IBM xSeries	CentOS 5.7 for x86	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>IBM 59Y1987<sup>4,5</sup>,59Y1993<sup>4,5</sup>,46M6049<sup>4,5</sup>,46M6050<sup>4,5</sup>,39M5894,39M5895,39R6525,39R6527,42D0501,42D0510,42D0405,42D0407,42C2069,42C2071,42D0485<sup>6</sup>,42D0494<sup>6</sup></p>	UltraPath	OceanStor S2200T	
9	IBM xSeries	CentOS 5.8 for x86	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>IBM 59Y1987<sup>4,5</sup>,59Y1993<sup>4,5</sup>,46M6049<sup>4,5</sup>,46M6050<sup>4,5</sup>,39M5894,39M5895,39R6525,39R6527,42D0501,42D0510,42D0405,42D0407,42C2069,42C2071,42D0485<sup>6</sup>,42D0494<sup>6</sup></p>	UltraPath	OceanStor S2200T	
10	IBM xSeries	CentOS 5.9 for x86	<p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p> <p>IBM 39M5894,39M5895,39R6525,39R6527</p>	UltraPath	OceanStor S2200T	
11	IBM xSeries	CentOS 5.10 for x86	<p>QLogic QLE2560,QLE2562</p> <p>IBM 42D0501,42D0510</p>	UltraPath	OceanStor S2200T	

12	IBM xSeries	CentOS 6.0 for x86	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,L Pe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p> <p>IBM 59Y1987<sup>4,5</sup>,59Y1993<sup>4,5</sup>,46M6049<sup>4,5</sup>,46M6 050<sup>4,5</sup>,39M5894,39M5895,39R6525,39R6 527,42D0405,42D0407,42C2069,42C207 1,42D0485<sup>6</sup>,42D0494<sup>6</sup></p>		OceanStor S2200T	
			<p>QLogic QLE2560,QLE2562</p> <p>IBM 42D0501,42D0510</p>	UltraPath	OceanStor S2200T	
13	IBM xSeries	CentOS 6.1 for x86	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,L Pe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p> <p>IBM 59Y1987<sup>4,5</sup>,59Y1993<sup>4,5</sup>,46M6049<sup>4,5</sup>,46M6 050<sup>4,5</sup>,39M5894,39M5895,39R6525,39R6 527,42D0405,42D0407,42C2069,42C207 1,42D0485<sup>6</sup>,42D0494<sup>6</sup></p>		OceanStor S2200T	
			<p>QLogic QLE2560,QLE2562</p> <p>IBM 42D0501,42D0510</p>	UltraPath	OceanStor S2200T	

14	IBM xSeries	CentOS 6.2 for x86	Brocade 415 <sup>4,5</sup> ,425 <sup>4,5</sup> ,815 <sup>4,5</sup> ,825 <sup>4,5</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup> ,LPe1250 <sup>6</sup> ,LPe1150  QLogic QLA2460,QLA2462,QLE2460,QLE2462  IBM 59Y1987 <sup>4,5</sup> ,59Y1993 <sup>4,5</sup> ,46M6049 <sup>4,5</sup> ,46M6050 <sup>4,5</sup> ,39M5894,39M5895,39R6525,39R6527,42D0405,42D0407,42C2069,42C2071,42D0485 <sup>6</sup> ,42D0494 <sup>6</sup>		OceanStor S2200T	
			QLogic QLE2560,QLE2562  IBM 42D0501,42D0510	UltraPath	OceanStor S2200T	
			Brocade 1860-1 <sup>7</sup> ,1860-2 <sup>7</sup>  IBM 81Y1668,81Y1675	DM-Multipath <sup>h</sup> <sup>8</sup>	OceanStor S2200T	
15	IBM xSeries	CentOS 6.3 for x86	QLogic QLE2560,QLE2562  IBM 42D0501,42D0510	DM-Multipath <sup>h</sup> <sup>8</sup>	OceanStor S2200T	
			QLogic QLE2560,QLE2562  IBM 42D0501,42D0510	UltraPath	OceanStor S2200T	
16	IBM xSeries	CentOS 6.4for x86	Emulex LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup>  IBM 42D0485 <sup>6</sup> ,42D0494 <sup>6</sup>	UltraPath	OceanStor S2200T	
17	IBM xSeries	CentOS 6.5for x86	Emulex LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup>  IBM 42D0485 <sup>6</sup> ,42D0494 <sup>6</sup>	UltraPath	OceanStor S2200T	

- HBA driver version is 8.2.0.29.
- HBA driver version is 8.02.23.
- HBA firmware/ driver version is 3.0.0.0.
- The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection. The CLI command is: chgportparam -c controller id -if interface module id -p port id -d 500.
- The HBA doesn't support Arbitrated Loop topology.
- It is required to set the topology of the disk storage port to Arbitrated Loop in direct connection configuration.
- HBA driver version is 3.0.2.2.
- For the detail configuration of DM-Multipath , please contact the technical service centre of Huawei Technologies Co., Ltd..

Oracle Sun

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Oracle Sun x86 Systems	CentOS 5 for x86	Emulex LP11000 <sup>1</sup> ,LP11002 <sup>1</sup> ,LPe11000 <sup>1</sup> ,LPe11002 <sup>1</sup>  QLogic QLA2460 <sup>2</sup> ,QLA2462 <sup>2</sup> ,QLE2460 <sup>2</sup> ,QLE2462 <sup>2</sup>	UltraPath	OceanStor S2200T	
2	Oracle Sun x86 Systems	CentOS 5.1 for x86	Brocade 415 <sup>3,4,5</sup> ,425 <sup>3,4,5</sup> ,815 <sup>3,4,5</sup> ,825 <sup>3,4,5</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462  Emulex LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup>	UltraPath	OceanStor S2200T	
3	Oracle Sun x86 Systems	CentOS 5.2 for x86	Brocade 415 <sup>3,4,5</sup> ,425 <sup>3,4,5</sup> ,815 <sup>3,4,5</sup> ,825 <sup>3,4,5</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe1250 <sup>6</sup> ,LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462	UltraPath	OceanStor S2200T	
4	Oracle Sun x86 Systems	CentOS 5.3 for x86	Brocade 415 <sup>3,4,5</sup> ,425 <sup>3,4,5</sup> ,815 <sup>3,4,5</sup> ,825 <sup>3,4,5</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup> ,LPe1250 <sup>6</sup>  QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	
5	Oracle Sun x86 Systems	CentOS 5.4 for x86	Brocade 415 <sup>3,4,5</sup> ,425 <sup>3,4,5</sup> ,815 <sup>3,4,5</sup> ,825 <sup>3,4,5</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup> ,LPe1250 <sup>6</sup>  QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	

6	Oracle Sun x86 Systems	CentOS 5.5 for x86	<p>Brocade 415<sup>3,4,5</sup>,425<sup>3,4,5</sup>,815<sup>3,4,5</sup>,825<sup>3,4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	
7	Oracle Sun x86 Systems	CentOS 5.6 for x86	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	
8	Oracle Sun x86 Systems	CentOS 5.7 for x86	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	
9	Oracle Sun x86 Systems	CentOS 5.8 for x86	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	
10	Oracle Sun x86 Systems	CentOS 5.9 for x86	<p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p>	UltraPath	OceanStor S2200T	
11	Oracle Sun x86 Systems	CentOS 5.10 for x86	<p>QLogic QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	

12	Oracle Sun x86 Systems	CentOS 6.0 for x86	Brocade 415 <sup>4,5</sup> ,425 <sup>4,5</sup> ,815 <sup>4,5</sup> ,825 <sup>4,5</sup>		OceanStor S2200T	
			Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup> ,LPe1250 <sup>6</sup>			
			QLogic QLA2460,QLA2462,QLE2460,QLE2462			
			QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	
13	Oracle Sun x86 Systems	CentOS 6.1 for x86	Brocade 415 <sup>4,5</sup> ,425 <sup>4,5</sup> ,815 <sup>4,5</sup> ,825 <sup>4,5</sup>		OceanStor S2200T	
			Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup> ,LPe1250 <sup>6</sup> ,LPe1150			
			QLogic QLA2460,QLA2462,QLE2460,QLE2462			
			QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	
14	Oracle Sun x86 Systems	CentOS 6.2 for x86	Brocade 415 <sup>4,5</sup> ,425 <sup>4,5</sup> ,815 <sup>4,5</sup> ,825 <sup>4,5</sup>		OceanStor S2200T	
			Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup> ,LPe1250 <sup>6</sup> ,LPe1150			
			QLogic QLA2460,QLA2462,QLE2460,QLE2462			
			QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	
			Brocade 1860-1 <sup>7</sup> ,1860-2 <sup>7</sup>	DM-Multipath <sup>h<sup>s</sup></sup>	OceanStor S2200T	
15	Oracle Sun x86 Systems	CentOS 6.3 for x86	QLogic QLE2560,QLE2562	DM-Multipath <sup>h<sup>s</sup></sup>	OceanStor S2200T	
			QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	
16	Oracle Sun x86 Systems	CentOS 6.4 for x86	Emulex LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup>	UltraPath	OceanStor S2200T	
17	Oracle Sun x86 Systems	CentOS 6.5 for x86	Emulex LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup>	UltraPath	OceanStor S2200T	

1. HBA driver version is 8.2.0.29.
2. HBA driver version is 8.02.23.
3. HBA firmware/ driver version is 3.0.0.0.
4. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection. The CLI command is: chgportparam -c controller id -if interface module id -p port id -d 500.
5. The HBA doesn't support Arbitrated Loop topology.

6. It is required to set the topology of the disk storage port to Arbitrated Loop in direct connection configuration.
7. HBA driver version is 3.0.2.2.
8. For the detail configuration of DM-Multipath , please contact the technical service centre of Huawei Technologies Co., Ltd..

## CentOS x86\_64

### Dell

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Dell PowerEdge Series	CentOS 5 for x86_64	Emulex LP11000 <sup>1</sup> ,LP11002 <sup>1</sup> ,LPe11000 <sup>1</sup> ,LPe11002 <sup>1</sup>  QLogic QLA2460 <sup>2</sup> ,QLA2462 <sup>2</sup> ,QLE2460 <sup>2</sup> ,QLE2462 <sup>2</sup>  Dell LPe11002-E <sup>1</sup> ,PF323 <sup>2</sup> ,FH590 <sup>2</sup> ,DH226 <sup>2</sup> ,FF340 <sup>2</sup>	UltraPath	OceanStor S2200T	
2	Dell PowerEdge Series	CentOS 5.1 for x86_64	Brocade 415 <sup>3,4,5</sup> ,425 <sup>3,4,5</sup> ,815 <sup>3,4,5</sup> ,825 <sup>3,4,5</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462  Emulex LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup>  Dell BR815 <sup>3,4,5</sup> ,BR825 <sup>3,4,5</sup> ,LPe12000-E <sup>6</sup> ,LPe12002-E <sup>6</sup> ,PF323,FH590,DH226,FF340	UltraPath	OceanStor S2200T	
3	Dell PowerEdge Series	CentOS 5.2 for x86_64	Brocade 415 <sup>3,4,5</sup> ,425 <sup>3,4,5</sup> ,815 <sup>3,4,5</sup> ,825 <sup>3,4,5</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe1250 <sup>6</sup> ,LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462  Dell BR815 <sup>3,4,5</sup> ,BR825 <sup>3,4,5</sup> ,LPe11002-E,LPe12000-E <sup>6</sup> ,LPe12002-E <sup>6</sup> ,PF323,FH590,DH226,FF340	UltraPath	OceanStor S2200T	



4	Dell PowerEdge Series	CentOS 5.3 for x86_64	<p>Brocade 415<sup>3,4,5</sup>,425<sup>3,4,5</sup>,815<sup>3,4,5</sup>,825<sup>3,4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup></p> <p>QLogic QLE2560,QLE2562</p> <p>Dell BR815<sup>3,4,5</sup>,BR825<sup>3,4,5</sup>,LPe11002-E,LPe12000-E<sup>6</sup>,LPe12002-E<sup>6</sup>,F641C,H144C</p>	UltraPath	OceanStor S2200T	
5	Dell PowerEdge Series	CentOS 5.4 for x86_64	<p>Brocade 415<sup>3,4,5</sup>,425<sup>3,4,5</sup>,815<sup>3,4,5</sup>,825<sup>3,4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup></p> <p>QLogic QLE2560,QLE2562</p> <p>Dell BR815<sup>3,4,5</sup>,BR825<sup>3,4,5</sup>,LPe11002-E,LPe12000-E<sup>6</sup>,LPe12002-E<sup>6</sup>,F641C,H144C</p>	UltraPath	OceanStor S2200T	
6	Dell PowerEdge Series	CentOS 5.5 for x86_64	<p>Brocade 415<sup>3,4,5</sup>,425<sup>3,4,5</sup>,815<sup>3,4,5</sup>,825<sup>3,4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLE2560,QLE2562</p> <p>Dell BR815<sup>3,4,5</sup>,BR825<sup>3,4,5</sup>,LPe11002-E,LPe12000-E<sup>6</sup>,LPe12002-E<sup>6</sup>,LP1150-E,LPe1150-E,F641C,H144C</p>	UltraPath	OceanStor S2200T	

7	Dell PowerEdge Series	CentOS 5.6 for x86_64	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>Dell BR815<sup>4,5</sup>,BR825<sup>4,5</sup>,LPe11002-E,LPe12000-E<sup>6</sup>,LPe12002-E<sup>6</sup>,LP1150-E,LPe1150-E,P F323,FH590,DH226,FF340,F641C,H144C</p>	UltraPath	OceanStor S2200T	
8	Dell PowerEdge Series	CentOS 5.7 for x86_64	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>Dell BR815<sup>4,5</sup>,BR825<sup>4,5</sup>,LPe11002-E,LPe12000-E<sup>6</sup>,LPe12002-E<sup>6</sup>,PF323,FH590,DH226,F F340,F641C,H144C</p>	UltraPath	OceanStor S2200T	
9	Dell PowerEdge Series	CentOS 5.8 for x86_64	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>Dell BR815<sup>4,5</sup>,BR825<sup>4,5</sup>,LPe11002-E,LPe12000-E<sup>6</sup>,LPe12002-E<sup>6</sup>,LP1150-E,LPe1150-E,P F323,FH590,DH226,FF340,F641C,H144C</p>	UltraPath	OceanStor S2200T	

10	Dell PowerEdge Series	CentOS 5.9 for x86_64	QLogic QLA2460,QLA2462,QLE2460,QLE2462  Dell PF323,FH590,DH226,FF340	UltraPath	OceanStor S2200T	
11	Dell PowerEdge Series	CentOS 5.10 for x86_64	QLogic QLE2560,QLE2562  Dell F641C,H144C	UltraPath	OceanStor S2200T	
12	Dell PowerEdge Series	CentOS 6.0 for x86_64	Brocade 415 <sup>4,5</sup> ,425 <sup>4,5</sup> ,815 <sup>4,5</sup> ,825 <sup>4,5</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup> ,LPe1250 <sup>6</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462  Dell BR815 <sup>4,5</sup> ,BR825 <sup>4,5</sup> ,LPe11002-E,LPe12000-E <sup>6</sup> ,LPe12002-E <sup>6</sup> ,LP1150-E,LPe1150-E,P F323,FH590,DH226,FF340		OceanStor S2200T	
			QLogic QLE2560,QLE2562  Dell F641C,H144C	UltraPath	OceanStor S2200T	
13	Dell PowerEdge Series	CentOS 6.1 for x86_64	Brocade 415 <sup>4,5</sup> ,425 <sup>4,5</sup> ,815 <sup>4,5</sup> ,825 <sup>4,5</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup> ,LPe1250 <sup>6</sup> ,LPe1150  QLogic QLA2460,QLA2462,QLE2460,QLE2462  Dell BR815 <sup>4,5</sup> ,BR825 <sup>4,5</sup> ,LPe11002-E,LPe12000-E <sup>6</sup> ,LPe12002-E <sup>6</sup> ,LP1150-E,LPe1150-E,P F323,FH590,DH226,FF340		OceanStor S2200T	
			QLogic QLE2560,QLE2562  Dell F641C,H144C	UltraPath	OceanStor S2200T	

14	Dell PowerEdge Series	CentOS 6.2 for x86_64	Brocade 415 <sup>4,5</sup> ,425 <sup>4,5</sup> ,815 <sup>4,5</sup> ,825 <sup>4,5</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup> ,LPe1250 <sup>6</sup> ,LPe1150  QLogic QLA2460,QLA2462,QLE2460,QLE2462  Dell BR815 <sup>4,5</sup> ,BR825 <sup>4,5</sup> ,LPe11002-E,LPe12000-E <sup>6</sup> ,LPe12002-E <sup>6</sup> ,LP1150-E,LPe1150-E,P F323,FH590,DH226,FF340		OceanStor S2200T	
			QLogic QLE2560,QLE2562  Dell F641C,H144C	UltraPath	OceanStor S2200T	
			Brocade 1860-1 <sup>7</sup> ,1860-2 <sup>7</sup>	DM-Multipath <sup>h<sup>8</sup></sup>	OceanStor S2200T	
15	Dell PowerEdge Series	CentOS 6.3 for x86_64	QLogic QLE2560,QLE2562  Dell F641C,H144C	DM-Multipath <sup>h<sup>8</sup></sup>	OceanStor S2200T	
			QLogic QLE2560,QLE2562  Dell F641C,H144C	UltraPath	OceanStor S2200T	
16	Dell PowerEdge Series	CentOS 6.4 for x86_64	Emulex LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup>  Dell LPe12000-E <sup>6</sup> ,LPe12002-E <sup>6</sup>	UltraPath	OceanStor S2200T	
17	Dell PowerEdge Series	CentOS 6.5 for x86_64	Emulex LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup>  Dell LPe12000-E <sup>6</sup> ,LPe12002-E <sup>6</sup>	UltraPath	OceanStor S2200T	

- HBA driver version is 8.2.0.29.
- HBA driver version is 8.02.23.
- HBA firmware/ driver version is 3.0.0.0.
- The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection. The CLI command is: chgportparam -c controller id -if interface module id -p port id -d 500.
- The HBA doesn't support Arbitrated Loop topology.
- It is required to set the topology of the disk storage port to Arbitrated Loop in direct connection configuration.
- HBA driver version is 3.0.2.2.
- For the detail configuration of DM-Multipath , please contact the technical service centre of Huawei Technologies Co., Ltd..

## HP

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
-----	--------------	------------------	------------------	--------------------	---------------------	-------

1	HP ProLiant Series	CentOS 5 for x86_64	<p>Emulex LP11000<sup>1</sup>,LP11002<sup>1</sup>,LPe11000<sup>1</sup>,LPe11002<sup>1</sup></p> <p>QLogic QLA2460<sup>2</sup>,QLA2462<sup>2</sup>,QLE2460<sup>2</sup>,QLE2462<sup>2</sup></p> <p>HP AD168A/FC2243<sup>1</sup>,A8003A/FC2242SR<sup>1</sup>,AB429A/FC1143<sup>2</sup>,AE369A/FC1243<sup>2</sup>,AE311A/FC1142SR<sup>2</sup>,AE312A/FC1242SR<sup>2</sup></p>	UltraPath	OceanStor S2200T	
2	HP ProLiant Series	CentOS 5.1 for x86_64	<p>Brocade 415<sup>3,4,5</sup>,425<sup>3,4,5</sup>,815<sup>3,4,5</sup>,825<sup>3,4,5</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p> <p>Emulex LPe12000<sup>6</sup>,LPe12002<sup>6</sup></p> <p>HP AP767A<sup>3,4,5</sup>,AP768A<sup>3,4,5</sup>,AP769A<sup>3,4,5</sup>,AP770A<sup>3,4,5</sup>,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,AJ762A/81E<sup>6</sup>,AJ763A/82E<sup>6</sup></p>	UltraPath	OceanStor S2200T	
3	HP ProLiant Series	CentOS 5.2 for x86_64	<p>Brocade 415<sup>3,4,5</sup>,425<sup>3,4,5</sup>,815<sup>3,4,5</sup>,825<sup>3,4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe1250<sup>6</sup>,LPe12000<sup>6</sup>,LPe12002<sup>6</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p> <p>HP AP767A<sup>3,4,5</sup>,AP768A<sup>3,4,5</sup>,AP769A<sup>3,4,5</sup>,AP770A<sup>3,4,5</sup>,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,AD168A/FC2243,A8003A/FC2242SR,AJ762A/81E<sup>6</sup>,AJ763A/82E<sup>6</sup></p>	UltraPath	OceanStor S2200T	

4	HP ProLiant Series	CentOS 5.3 for x86_64	<p>Brocade 415<sup>3,4,5</sup>,425<sup>3,4,5</sup>,815<sup>3,4,5</sup>,825<sup>3,4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup></p> <p>QLogic QLE2560,QLE2562</p> <p>HP AP767A<sup>3,4,5</sup>,AP768A<sup>3,4,5</sup>,AP769A<sup>3,4,5</sup>,AP770A<sup>3,4,5</sup>,AK344A/81Q,AJ764A/82Q,AD168A/FC2243,A8003A/FC2242SR,AJ762A/81E<sup>6</sup>,AJ763A/82E<sup>6</sup></p>	UltraPath	OceanStor S2200T	
5	HP ProLiant Series	CentOS 5.4 for x86_64	<p>Brocade 415<sup>3,4,5</sup>,425<sup>3,4,5</sup>,815<sup>3,4,5</sup>,825<sup>3,4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup></p> <p>QLogic QLE2560,QLE2562</p> <p>HP AP767A<sup>3,4,5</sup>,AP768A<sup>3,4,5</sup>,AP769A<sup>3,4,5</sup>,AP770A<sup>3,4,5</sup>,AK344A/81Q,AJ764A/82Q,AD168A/FC2243,A8003A/FC2242SR,AJ762A/81E<sup>6</sup>,AJ763A/82E<sup>6</sup></p>	UltraPath	OceanStor S2200T	
6	HP ProLiant Series	CentOS 5.5 for x86_64	<p>Brocade 415<sup>3,4,5</sup>,425<sup>3,4,5</sup>,815<sup>3,4,5</sup>,825<sup>3,4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLE2560,QLE2562</p> <p>HP AP767A<sup>3,4,5</sup>,AP768A<sup>3,4,5</sup>,AP769A<sup>3,4,5</sup>,AP770A<sup>3,4,5</sup>,AK344A/81Q,AJ764A/82Q,AD168A/FC2243,A8003A/FC2242SR,AJ762A/81E<sup>6</sup>,AJ763A/82E<sup>6</sup>,A8002A/FC2142SR</p>	UltraPath	OceanStor S2200T	

7	HP ProLiant Series	CentOS 5.6 for x86_64	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>HP AP767A<sup>4,5</sup>,AP768A<sup>4,5</sup>,AP769A<sup>4,5</sup>,AP770A<sup>4,5</sup>,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,AK344A/81Q,AJ764A/82Q,AD168A/FC2243,A8003A/FC2242SR,AJ762A/81E<sup>6</sup>,AJ763A/82E<sup>6</sup>,A8002A/FC2142SR</p>	UltraPath	OceanStor S2200T	
8	HP ProLiant Series	CentOS 5.7 for x86_64	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>HP AP767A<sup>4,5</sup>,AP768A<sup>4,5</sup>,AP769A<sup>4,5</sup>,AP770A<sup>4,5</sup>,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,AK344A/81Q,AJ764A/82Q,AD168A/FC2243,A8003A/FC2242SR,AJ762A/81E<sup>6</sup>,AJ763A/82E<sup>6</sup></p>	UltraPath	OceanStor S2200T	

9	HP ProLiant Series	CentOS 5.8 for x86_64	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>HP AP767A<sup>4,5</sup>,AP768A<sup>4,5</sup>,AP769A<sup>4,5</sup>,AP770A<sup>4,5</sup>,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,AK344A/81Q,AJ764A/82Q,AD168A/FC2243,A8003A/FC2242SR,AJ762A/81E<sup>6</sup>,AJ763A/82E<sup>6</sup>,A8002A/FC2142SR</p>	UltraPath	OceanStor S2200T	
10	HP ProLiant Series	CentOS 5.9 for x86_64	<p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p> <p>HP AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR</p>	UltraPath	OceanStor S2200T	
11	HP ProLiant Series	CentOS 5.10 for x86_64	<p>QLogic QLE2560,QLE2562</p> <p>HP AK344A/81Q,AJ764A/82Q</p>	UltraPath	OceanStor S2200T	
12	HP ProLiant Series	CentOS 6.0 for x86_64	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p> <p>HP AP767A<sup>4,5</sup>,AP768A<sup>4,5</sup>,AP769A<sup>4,5</sup>,AP770A<sup>4,5</sup>,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,AD168A/FC2243,A8003A/FC2242SR,AJ762A/81E<sup>6</sup>,AJ763A/82E<sup>6</sup></p>		OceanStor S2200T	
			<p>QLogic QLE2560,QLE2562</p> <p>HP AK344A/81Q,AJ764A/82Q</p>	UltraPath	OceanStor S2200T	



13	HP ProLiant Series	CentOS 6.1 for x86_64	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p> <p>HP AP767A<sup>4,5</sup>,AP768A<sup>4,5</sup>,AP769A<sup>4,5</sup>,AP770A<sup>4,5</sup>,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,AD168A/FC2243,A8003A/FC2242SR,AJ762A/81E<sup>6</sup>,AJ763A/82E<sup>6</sup>,A8002A/FC2142SR</p>		OceanStor S2200T	
			<p>QLogic QLE2560,QLE2562</p> <p>HP AK344A/81Q,AJ764A/82Q</p>	UltraPath	OceanStor S2200T	
14	HP ProLiant Series	CentOS 6.2 for x86_64	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p> <p>HP AP767A<sup>4,5</sup>,AP768A<sup>4,5</sup>,AP769A<sup>4,5</sup>,AP770A<sup>4,5</sup>,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,AD168A/FC2243,A8003A/FC2242SR,AJ762A/81E<sup>6</sup>,AJ763A/82E<sup>6</sup>,A8002A/FC2142SR</p>		OceanStor S2200T	
			<p>QLogic QLE2560,QLE2562</p> <p>HP AK344A/81Q,AJ764A/82Q</p>	UltraPath	OceanStor S2200T	
			<p>Brocade 1860-1<sup>7</sup>,1860-2<sup>7</sup></p>	DM-Multipath <sup>8</sup>	OceanStor S2200T	
15	HP ProLiant Series	CentOS 6.3 for x86_64	<p>QLogic QLE2560,QLE2562</p> <p>HP AK344A/81Q,AJ764A/82Q</p>	DM-Multipath <sup>8</sup>	OceanStor S2200T	
			<p>QLogic QLE2560,QLE2562</p> <p>HP AK344A/81Q,AJ764A/82Q</p>	UltraPath	OceanStor S2200T	

16	HP ProLiant Series	CentOS 6.4for x86_64	Emulex LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup> HP AJ762A/81E <sup>6</sup> ,AJ763A/82E <sup>6</sup>	UltraPath	OceanStor S2200T	
17	HP ProLiant Series	CentOS 6.5for x86_64	Emulex LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup> HP AJ762A/81E <sup>6</sup> ,AJ763A/82E <sup>6</sup>	UltraPath	OceanStor S2200T	

- HBA driver version is 8.2.0.29.
- HBA driver version is 8.02.23.
- HBA firmware/ driver version is 3.0.0.0.
- The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection. The CLI command is: chgportparam -c controller id -if interface module id -p port id -d 500.
- The HBA doesn't support Arbitrated Loop topology.
- It is required to set the topology of the disk storage port to Arbitrated Loop in direct connection configuration.
- HBA driver version is 3.0.2.2.
- For the detail configuration of DM-Multipath , please contact the technical service centre of Huawei Technologies Co., Ltd..

## Huawei

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Huawei RH Series	CentOS 5 for x86_64	Emulex LP11000 <sup>1</sup> ,LP11002 <sup>1</sup> ,LPe11000 <sup>1</sup> ,LPe11002 <sup>1</sup>  QLogic QLA2460 <sup>2</sup> ,QLA2462 <sup>2</sup> ,QLE2460 <sup>2</sup> ,QLE2462 <sup>2</sup>	UltraPath	OceanStor S2200T	
2	Huawei RH Series	CentOS 5.1 for x86_64	Brocade 415 <sup>3,4,5</sup> ,425 <sup>3,4,5</sup> ,815 <sup>3,4,5</sup> ,825 <sup>3,4,5</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462  Emulex LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup>	UltraPath	OceanStor S2200T	
3	Huawei RH Series	CentOS 5.2 for x86_64	Brocade 415 <sup>3,4,5</sup> ,425 <sup>3,4,5</sup> ,815 <sup>3,4,5</sup> ,825 <sup>3,4,5</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe1250 <sup>6</sup> ,LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462	UltraPath	OceanStor S2200T	

4	Huawei RH Series	CentOS 5.3 for x86_64	<p>Brocade 415<sup>3,4,5</sup>,425<sup>3,4,5</sup>,815<sup>3,4,5</sup>,825<sup>3,4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup></p> <p>QLogic QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	
5	Huawei RH Series	CentOS 5.4 for x86_64	<p>Brocade 415<sup>3,4,5</sup>,425<sup>3,4,5</sup>,815<sup>3,4,5</sup>,825<sup>3,4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup></p> <p>QLogic QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	
6	Huawei RH Series	CentOS 5.5 for x86_64	<p>Brocade 415<sup>3,4,5</sup>,425<sup>3,4,5</sup>,815<sup>3,4,5</sup>,825<sup>3,4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	
7	Huawei RH Series	CentOS 5.6 for x86_64	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	
8	Huawei RH Series	CentOS 5.7 for x86_64	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	

9	Huawei RH Series	CentOS 5.8 for x86_64	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	
10	Huawei RH Series	CentOS 5.9 for x86_64	<p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p>	UltraPath	OceanStor S2200T	
11	Huawei RH Series	CentOS 5.10 for x86_64	<p>QLogic QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	
12	Huawei RH Series	CentOS 6.0 for x86_64	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p>		OceanStor S2200T	
			<p>QLogic QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	
13	Huawei RH Series	CentOS 6.1 for x86_64	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p>		OceanStor S2200T	
			<p>QLogic QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	
14	Huawei RH Series	CentOS 6.2 for x86_64	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p>		OceanStor S2200T	
			<p>QLogic QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	
			<p>Brocade 1860-1<sup>7</sup>,1860-2<sup>7</sup></p>	DM-Multipath <sup>8</sup>	OceanStor S2200T	

15	Huawei RH Series	CentOS 6.3 for x86_64	QLogic QLE2560,QLE2562	DM-Multipath <sup>8</sup>	OceanStor S2200T	
			QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	
16	Huawei RH Series	CentOS 6.4 for x86_64	Emulex LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup>	UltraPath	OceanStor S2200T	
17	Huawei RH Series	CentOS 6.5 for x86_64	Emulex LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup>	UltraPath	OceanStor S2200T	
18	Huawei E9000 CH121	CentOS 6.4 for x86_64	Huawei MZ910 <sup>9</sup>		OceanStor S2200T	

- HBA driver version is 8.2.0.29.
- HBA driver version is 8.02.23.
- HBA firmware/ driver version is 3.0.0.0.
- The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection. The CLI command is: chgportparam -c controller id -if interface module id -p port id -d 500.
- The HBA doesn't support Arbitrated Loop topology.
- It is required to set the topology of the disk storage port to Arbitrated Loop in direct connection configuration.
- HBA driver version is 3.0.2.2.
- For the detail configuration of DM-Multipath , please contact the technical service centre of Huawei Technologies Co., Ltd..
- HBA driver version is 8.3.7.33.

## IBM

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	IBM xSeries	CentOS 5 for x86_64	Emulex LP11000 <sup>1</sup> ,LP11002 <sup>1</sup> ,LPe11000 <sup>1</sup> ,LPe11002 <sup>1</sup>  QLogic QLA2460 <sup>2</sup> ,QLA2462 <sup>2</sup> ,QLE2460 <sup>2</sup> ,QLE2462 <sup>2</sup>  IBM 42D0405 <sup>1</sup> ,42D0407 <sup>1</sup> ,42C2069 <sup>1</sup> ,42C2071 <sup>1</sup> , 39M5894 <sup>2</sup> ,39M5895 <sup>2</sup> ,39R6525 <sup>2</sup> ,39R6527 <sup>2</sup>	UltraPath	OceanStor S2200T	
2	IBM xSeries	CentOS 5.1 for x86_64	Brocade 415 <sup>3,4,5</sup> ,425 <sup>3,4,5</sup> ,815 <sup>3,4,5</sup> ,825 <sup>3,4,5</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462  Emulex LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup>  IBM 59Y1987 <sup>3,4,5</sup> ,59Y1993 <sup>3,4,5</sup> ,46M6049 <sup>3,4,5</sup> ,46 M6050 <sup>3,4,5</sup> ,39M5894,39M5895,39R6525,3 9R6527,42D0485 <sup>6</sup> ,42D0494 <sup>6</sup>	UltraPath	OceanStor S2200T	

3	IBM xSeries	CentOS 5.2 for x86_64	<p>Brocade 415<sup>3,4,5</sup>,425<sup>3,4,5</sup>,815<sup>3,4,5</sup>,825<sup>3,4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe1250<sup>6</sup>,LPe12000<sup>6</sup>,LPe12002<sup>6</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p> <p>IBM 59Y1987<sup>3,4,5</sup>,59Y1993<sup>3,4,5</sup>,46M6049<sup>3,4,5</sup>,46M6050<sup>3,4,5</sup>,39M5894,39M5895,39R6525,39R6527,42D0405,42D0407,42C2069,42C2071,42D0485<sup>6</sup>,42D0494<sup>6</sup></p>	UltraPath	OceanStor S2200T	
4	IBM xSeries	CentOS 5.3 for x86_64	<p>Brocade 415<sup>3,4,5</sup>,425<sup>3,4,5</sup>,815<sup>3,4,5</sup>,825<sup>3,4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup></p> <p>QLogic QLE2560,QLE2562</p> <p>IBM 59Y1987<sup>3,4,5</sup>,59Y1993<sup>3,4,5</sup>,46M6049<sup>3,4,5</sup>,46M6050<sup>3,4,5</sup>,42D0501,42D0510,42D0405,42D0407,42C2069,42C2071,42D0485<sup>6</sup>,42D0494<sup>6</sup></p>	UltraPath	OceanStor S2200T	
5	IBM xSeries	CentOS 5.4 for x86_64	<p>Brocade 415<sup>3,4,5</sup>,425<sup>3,4,5</sup>,815<sup>3,4,5</sup>,825<sup>3,4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup></p> <p>QLogic QLE2560,QLE2562</p> <p>IBM 59Y1987<sup>3,4,5</sup>,59Y1993<sup>3,4,5</sup>,46M6049<sup>3,4,5</sup>,46M6050<sup>3,4,5</sup>,42D0501,42D0510,42D0405,42D0407,42C2069,42C2071,42D0485<sup>6</sup>,42D0494<sup>6</sup></p>	UltraPath	OceanStor S2200T	

6	IBM xSeries	CentOS 5.5 for x86_64	<p>Brocade 415<sup>3,4,5</sup>,425<sup>3,4,5</sup>,815<sup>3,4,5</sup>,825<sup>3,4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLE2560,QLE2562</p> <p>IBM 59Y1987<sup>3,4,5</sup>,59Y1993<sup>3,4,5</sup>,46M6049<sup>3,4,5</sup>,46M6050<sup>3,4,5</sup>,42D0501,42D0510,42D0405,42D0407,42C2069,42C2071,42D0485<sup>6</sup>,42D0494<sup>6</sup></p>	UltraPath	OceanStor S2200T	
7	IBM xSeries	CentOS 5.6 for x86_64	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>IBM 59Y1987<sup>4,5</sup>,59Y1993<sup>4,5</sup>,46M6049<sup>4,5</sup>,46M6050<sup>4,5</sup>,39M5894,39M5895,39R6525,39R6527,42D0501,42D0510,42D0405,42D0407,42C2069,42C2071,42D0485<sup>6</sup>,42D0494<sup>6</sup></p>	UltraPath	OceanStor S2200T	

8	IBM xSeries	CentOS 5.7 for x86_64	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>IBM 59Y1987<sup>4,5</sup>,59Y1993<sup>4,5</sup>,46M6049<sup>4,5</sup>,46M6050<sup>4,5</sup>,39M5894,39M5895,39R6525,39R6527,42D0501,42D0510,42D0405,42D0407,42C2069,42C2071,42D0485<sup>6</sup>,42D0494<sup>6</sup></p>	UltraPath	OceanStor S2200T	
9	IBM xSeries	CentOS 5.8 for x86_64	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>IBM 59Y1987<sup>4,5</sup>,59Y1993<sup>4,5</sup>,46M6049<sup>4,5</sup>,46M6050<sup>4,5</sup>,39M5894,39M5895,39R6525,39R6527,42D0501,42D0510,42D0405,42D0407,42C2069,42C2071,42D0485<sup>6</sup>,42D0494<sup>6</sup></p>	UltraPath	OceanStor S2200T	
10	IBM xSeries	CentOS 5.9 for x86_64	<p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p> <p>IBM 39M5894,39M5895,39R6525,39R6527</p>	UltraPath	OceanStor S2200T	
11	IBM xSeries	CentOS 5.10 for x86_64	<p>QLogic QLE2560,QLE2562</p> <p>IBM 42D0501,42D0510</p>	UltraPath	OceanStor S2200T	



12	IBM xSeries	CentOS 6.0 for x86_64	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,L Pe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p> <p>IBM 59Y1987<sup>4,5</sup>,59Y1993<sup>4,5</sup>,46M6049<sup>4,5</sup>,46M6 050<sup>4,5</sup>,39M5894,39M5895,39R6525,39R6 527,42D0405,42D0407,42C2069,42C207 1,42D0485<sup>6</sup>,42D0494<sup>6</sup></p>		OceanStor S2200T	
			<p>QLogic QLE2560,QLE2562</p> <p>IBM 42D0501,42D0510</p>	UltraPath	OceanStor S2200T	
13	IBM xSeries	CentOS 6.1 for x86_64	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,L Pe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p> <p>IBM 59Y1987<sup>4,5</sup>,59Y1993<sup>4,5</sup>,46M6049<sup>4,5</sup>,46M6 050<sup>4,5</sup>,39M5894,39M5895,39R6525,39R6 527,42D0405,42D0407,42C2069,42C207 1,42D0485<sup>6</sup>,42D0494<sup>6</sup></p>		OceanStor S2200T	
			<p>QLogic QLE2560,QLE2562</p> <p>IBM 42D0501,42D0510</p>	UltraPath	OceanStor S2200T	

14	IBM xSeries	CentOS 6.2 for x86_64	Brocade 415 <sup>4,5</sup> ,425 <sup>4,5</sup> ,815 <sup>4,5</sup> ,825 <sup>4,5</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup> ,LPe1250 <sup>6</sup> ,LPe1150  QLogic QLA2460,QLA2462,QLE2460,QLE2462  IBM 59Y1987 <sup>4,5</sup> ,59Y1993 <sup>4,5</sup> ,46M6049 <sup>4,5</sup> ,46M6050 <sup>4,5</sup> ,39M5894,39M5895,39R6525,39R6527,42D0405,42D0407,42C2069,42C2071,42D0485 <sup>6</sup> ,42D0494 <sup>6</sup>		OceanStor S2200T	
			QLogic QLE2560,QLE2562  IBM 42D0501,42D0510	UltraPath	OceanStor S2200T	
			Brocade 1860-1 <sup>7</sup> ,1860-2 <sup>7</sup>  IBM 81Y1668,81Y1675	DM-Multipath <sup>h8</sup>	OceanStor S2200T	
15	IBM xSeries	CentOS 6.3 for x86_64	QLogic QLE2560,QLE2562  IBM 42D0501,42D0510	DM-Multipath <sup>h8</sup>	OceanStor S2200T	
			QLogic QLE2560,QLE2562  IBM 42D0501,42D0510	UltraPath	OceanStor S2200T	
16	IBM xSeries	CentOS 6.4for x86_64	Emulex LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup>  IBM 42D0485 <sup>6</sup> ,42D0494 <sup>6</sup>	UltraPath	OceanStor S2200T	
17	IBM xSeries	CentOS 6.5for x86_64	Emulex LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup>  IBM 42D0485 <sup>6</sup> ,42D0494 <sup>6</sup>	UltraPath	OceanStor S2200T	

- HBA driver version is 8.2.0.29.
- HBA driver version is 8.02.23.
- HBA firmware/ driver version is 3.0.0.0.
- The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection. The CLI command is: chgportparam -c controller id -if interface module id -p port id -d 500.
- The HBA doesn't support Arbitrated Loop topology.
- It is required to set the topology of the disk storage port to Arbitrated Loop in direct connection configuration.
- HBA driver version is 3.0.2.2.
- For the detail configuration of DM-Multipath , please contact the technical service centre of Huawei Technologies Co., Ltd..

Oracle Sun

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Oracle Sun x86 Systems	CentOS 5 for x86_64	Emulex LP11000 <sup>1</sup> ,LP11002 <sup>1</sup> ,LPe11000 <sup>1</sup> ,LPe11002 <sup>1</sup>  QLogic QLA2460 <sup>2</sup> ,QLA2462 <sup>2</sup> ,QLE2460 <sup>2</sup> ,QLE2462 <sup>2</sup>	UltraPath	OceanStor S2200T	
2	Oracle Sun x86 Systems	CentOS 5.1 for x86_64	Brocade 415 <sup>3,4,5</sup> ,425 <sup>3,4,5</sup> ,815 <sup>3,4,5</sup> ,825 <sup>3,4,5</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462  Emulex LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup>	UltraPath	OceanStor S2200T	
3	Oracle Sun x86 Systems	CentOS 5.2 for x86_64	Brocade 415 <sup>3,4,5</sup> ,425 <sup>3,4,5</sup> ,815 <sup>3,4,5</sup> ,825 <sup>3,4,5</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe1250 <sup>6</sup> ,LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462	UltraPath	OceanStor S2200T	
4	Oracle Sun x86 Systems	CentOS 5.3 for x86_64	Brocade 415 <sup>3,4,5</sup> ,425 <sup>3,4,5</sup> ,815 <sup>3,4,5</sup> ,825 <sup>3,4,5</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup> ,LPe1250 <sup>6</sup>  QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	
5	Oracle Sun x86 Systems	CentOS 5.4 for x86_64	Brocade 415 <sup>3,4,5</sup> ,425 <sup>3,4,5</sup> ,815 <sup>3,4,5</sup> ,825 <sup>3,4,5</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup> ,LPe1250 <sup>6</sup>  QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	

6	Oracle Sun x86 Systems	CentOS 5.5 for x86_64	<p>Brocade 415<sup>3,4,5</sup>,425<sup>3,4,5</sup>,815<sup>3,4,5</sup>,825<sup>3,4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	
7	Oracle Sun x86 Systems	CentOS 5.6 for x86_64	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	
8	Oracle Sun x86 Systems	CentOS 5.7 for x86_64	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	
9	Oracle Sun x86 Systems	CentOS 5.8 for x86_64	<p>Brocade 415<sup>4,5</sup>,425<sup>4,5</sup>,815<sup>4,5</sup>,825<sup>4,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe12000<sup>6</sup>,LPe12002<sup>6</sup>,LPe1250<sup>6</sup>,LPe1150</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	
10	Oracle Sun x86 Systems	CentOS 5.9 for x86_64	<p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p>	UltraPath	OceanStor S2200T	
11	Oracle Sun x86 Systems	CentOS 5.10 for x86_64	<p>QLogic QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	

12	Oracle Sun x86 Systems	CentOS 6.0 for x86_64	Brocade 415 <sup>4,5</sup> ,425 <sup>4,5</sup> ,815 <sup>4,5</sup> ,825 <sup>4,5</sup>		OceanStor S2200T	
			Emulex LP11000,LP11002,LPe11000,LPe11002,L Pe12000 <sup>6</sup> ,LPe12002 <sup>6</sup> ,LPe1250 <sup>6</sup>			
			QLogic QLA2460,QLA2462,QLE2460,QLE2462			
			QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	
13	Oracle Sun x86 Systems	CentOS 6.1 for x86_64	Brocade 415 <sup>4,5</sup> ,425 <sup>4,5</sup> ,815 <sup>4,5</sup> ,825 <sup>4,5</sup>		OceanStor S2200T	
			Emulex LP11000,LP11002,LP1150,LPe11000,LPe 11002,LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup> ,LPe1250 <sup>6</sup> ,L Pe1150			
			QLogic QLA2460,QLA2462,QLE2460,QLE2462			
			QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	
14	Oracle Sun x86 Systems	CentOS 6.2 for x86_64	Brocade 415 <sup>4,5</sup> ,425 <sup>4,5</sup> ,815 <sup>4,5</sup> ,825 <sup>4,5</sup>		OceanStor S2200T	
			Emulex LP11000,LP11002,LP1150,LPe11000,LPe 11002,LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup> ,LPe1250 <sup>6</sup> ,L Pe1150			
			QLogic QLA2460,QLA2462,QLE2460,QLE2462			
			QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	
			Brocade 1860-1 <sup>7</sup> ,1860-2 <sup>7</sup>	DM-Multipat h <sup>8</sup>	OceanStor S2200T	
15	Oracle Sun x86 Systems	CentOS 6.3 for x86_64	QLogic QLE2560,QLE2562	DM-Multipat h <sup>8</sup>	OceanStor S2200T	
			QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	
16	Oracle Sun x86 Systems	CentOS 6.4 for x86_64	Emulex LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup>	UltraPath	OceanStor S2200T	
17	Oracle Sun x86 Systems	CentOS 6.5 for x86_64	Emulex LPe12000 <sup>6</sup> ,LPe12002 <sup>6</sup>	UltraPath	OceanStor S2200T	

1. HBA driver version is 8.2.0.29.
2. HBA driver version is 8.02.23.
3. HBA firmware/ driver version is 3.0.0.0.
4. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection. The CLI command is: chgportparam -c controller id -if interface module id -p port id -d 500.
5. The HBA doesn't support Arbitrated Loop topology.

6. It is required to set the topology of the disk storage port to Arbitrated Loop in direct connection configuration.
7. HBA driver version is 3.0.2.2.
8. For the detail configuration of DM-Multipath , please contact the technical service centre of Huawei Technologies Co., Ltd..

## Debian x86

### Huawei

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Huawei RH2285	Debian GNU/Linux 6.0.4 for x86	Emulex LPe1150		OceanStor S2200T	
2	Huawei RH2285	Debian GNU/Linux 7.1.0 for x86	QLogic QLE2560,QLE2562		OceanStor S2200T	
3	Huawei RH2285	Debian GNU/Linux 7.2.0 for x86	QLogic QLE2560,QLE2562		OceanStor S2200T	
4	Huawei RH2288	Debian GNU/Linux 7.3.0 for x86	QLogic QLE2560,QLE2562	DM-Multipath	OceanStor S2200T	

## Debian x86\_64

### Huawei

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Huawei RH2285	Debian GNU/Linux 6.0.4 for x86_64	Emulex LPe1150		OceanStor S2200T	
2	Huawei RH2285	Debian GNU/Linux 7.1.0 for x86_64	QLogic QLE2560,QLE2562		OceanStor S2200T	
3	Huawei RH2285	Debian GNU/Linux 7.2.0 for x86	QLogic QLE2560,QLE2562		OceanStor S2200T	
4	Huawei RH2288	Debian GNU/Linux 7.3.0 for x86_64	QLogic QLE2560,QLE2562	DM-Multipath	OceanStor S2200T	

## FreeBSD x86

### Huawei

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Huawei T8000 BH Series	FreeBSD 9.0 for x86 <sup>1,2</sup>	Huawei PFMA,PFMB		OceanStor S2200T	See <sup>3</sup>

1. The Host LUN ID of the LUNs mapped to the host must be continuous, and LUN with Host LUN ID=0 must be mapped to the host.
2. Parameters ispfw\_load and isp\_load in /boot/defaults/loader.conf (located in the operating system) must be set to yes.
3. Without MultiPath Software.

## FreeBSD x86\_64

### Huawei

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
-----	--------------	------------------	------------------	--------------------	---------------------	-------

1	Huawei T8000 BH Series	FreeBSD 9.0 for x86_64 <sup>1,2</sup>	Huawei PFMA,PFMB		OceanStor S2200T	See <sup>3</sup>
---	------------------------	---------------------------------------	------------------	--	------------------	------------------

1. The Host LUN ID of the LUNs mapped to the host must be continuous, and LUN with Host LUN ID=0 must be mapped to the host.
2. Parameters ispfw\_load and isp\_load in /boot/defaults/loader.conf (located in the operating system) must be set to yes.
3. Without MultiPath Software.

## HP-UX

### HP

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	HP 9000 RP Series	HP-UX 11i v1	HP A6795A,A5158A,A9784A	PV-Links	OceanStor S2200T	See <sup>1,2,3,5</sup>
2	HP Integrity RX Series	HP-UX 11i v2	HP AD193A,A6795A,AB379A,AD355A,AB379B	PV-Links	OceanStor S2200T	See <sup>1,2,3,5</sup>
3	HP Integrity RX Series	HP-UX 11i v3	HP AD193A,AD393A <sup>4</sup> ,AD355A,AH401A	PV-Links	OceanStor S2200T	See <sup>1,2,5</sup>
4	HP Integrity RX Series	HP-UX 11i v3	HP A9784A,AD193A,AB379A,AD355A,AH401A,AH403A <sup>6</sup> ,AT094A	NMP	OceanStor S2200T	See <sup>1,2,5</sup>
5	HP c7000 BL860c	HP-UX 11i v3	HP 451871-B21,456972-B21	PV-Links,NMP	OceanStor S2200T	See <sup>1,2,5</sup>
6	HP c7000 BL870c	HP-UX 11i v3	HP 451871-B21	PV-Links,NMP	OceanStor S2200T	See <sup>1,2,5</sup>

1. The Storage System only supports Arbitrated Loop topology in direct connection configuration.
2. It is prohibited to change FC topology mode after configuration is finished because of HP-UX physical path generation rules.
3. The operating system doesn't support Luns larger than 2T in this version.
4. It is required to set Configured Speed in the Storage System to auto because of HBA limit.
5. It is required to map LUNs to the host first, then add the initiator to the host,last testablish the connection between host and disk storage system.
6. The driver version B.11.31.1209 not supports in direct connection configuration.

## IBM AIX

### IBM

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	IBM pSeries	AIX 5.3 TL5 AIX 5.3 TL8 <sup>4</sup> AIX 5.3 TL9 <sup>5,6</sup> AIX 5.3 TL11 <sup>9,10</sup>	IBM 5773,5774,5716,280B,5758,280D,5759	UltraPath	OceanStor S2200T	See <sup>1,2</sup>
2	IBM pSeries	AIX 5.3 TL6	IBM 5758,280D,5759	UltraPath	OceanStor S2200T	See <sup>1,2</sup>
3	IBM pSeries	AIX 5.3 TL10 <sup>7,8</sup>	IBM 5716,280B,5773,5774	UltraPath	OceanStor S2200T	See <sup>1,2</sup>
4	IBM pSeries	AIX 5.3 TL12 <sup>11,12</sup>	IBM 5773,5774,5735,577D,5758,280D,5759	UltraPath	OceanStor S2200T	See <sup>1,2</sup>
5	IBM pSeries	AIX 6.1 TL0 <sup>13</sup>	IBM 5773,5774,5716,280B	UltraPath	OceanStor S2200T	See <sup>1,2</sup>

		AIX 6.1 TL3 <sup>17,18</sup> AIX 6.1 TL5 <sup>21,22</sup> AIX 6.1 TL6 <sup>23,24,25</sup>				
6	IBM pSeries	AIX 6.1 TL1 <sup>14</sup>	IBM 5773,5774	UltraPath	OceanStor S2200T	See <sup>1,2</sup>
7	IBM pSeries	AIX 6.1 TL2 <sup>15,16</sup>	IBM 5773,5774	UltraPath	OceanStor S2200T	See <sup>1,2</sup>
8	IBM pSeries	AIX 6.1 TL3 <sup>17,18</sup> AIX 6.1 TL5 <sup>21,22</sup>	IBM 5735,577D,5758,280D,5759	UltraPath	OceanStor S2200T	See <sup>1,2</sup>
9	IBM pSeries	AIX 6.1 TL4 <sup>19,20</sup>	IBM 5773,5774,5716,280B	UltraPath	OceanStor S2200T	See <sup>1,2</sup>
10	IBM pSeries	AIX 6.1 TL6 <sup>23,24,25</sup>	IBM 5773,5774,5735,577D	UltraPath	OceanStor S2200T	See <sup>1,2</sup>
11	IBM pSeries	AIX 6.1 TL7 <sup>26</sup>	IBM 5758,280D,5759,5735,577D,5773,5774	UltraPath	OceanStor S2200T	See <sup>1,2</sup>
12	IBM pSeries	AIX 6.1 TL8 <sup>27,28</sup>	IBM 5758,280D,5759,5735,577D,5773,5774,57 16,280B	UltraPath	OceanStor S2200T	See <sup>1,2</sup>
13	IBM pSeries	AIX 6.1 TL9 <sup>29</sup>	IBM 5758,280D,5759,5735,577D,5773,5774	UltraPath	OceanStor S2200T	See <sup>1,2</sup>
14	IBM pSeries	AIX 7.1 TL0 <sup>30</sup>	IBM 5735,577D,5773,5774,5758,280D,5759	UltraPath	OceanStor S2200T	See <sup>1,3</sup>
15	IBM pSeries	AIX 7.1 TL1	IBM 5735,577D,5773,5774,5758,280D,5759	UltraPath	OceanStor S2200T	See <sup>1,3</sup>
16	IBM pSeries	AIX 7.1 TL2 <sup>31</sup>	IBM 5758,280D,5759,5735,577D,5773,5774	UltraPath	OceanStor S2200T	See <sup>1,3</sup>
17	IBM pSeries	AIX 7.1 TL3	IBM 5758,280D,5759,5735,577D,5773,5774,E N0A <sup>32</sup>	UltraPath	OceanStor S2200T	See <sup>1,3</sup>

1. The Storage System only supports Arbitrated Loop topology in direct connection configuration.
2. When change FC ports with traffic in direct connection configuration, the command: cfmgr must be executed twice.
3. Please don't change Storage System's FC ports.
4. It need to install AIX APAR IZ62933 from SP00 to SP05 of 5300-08,please See:<http://www-01.ibm.com/support/docview.wss?uid=isg1IZ62933> .
5. It need to install AIX APAR IZ62930 from SP00 to SP04 of 5300-09,please See:<http://www-01.ibm.com/support/docview.wss?uid=isg1IZ62930> .
6. It need to install AIX APAR IZ82338 from SP00 to SP08 of 5300-09,please See:<http://www-01.ibm.com/support/docview.wss?uid=isg1IZ82338> .
7. It need to install AIX APAR IZ61027 from SP00 to SP05 of 5300-10,please See:<http://www-01.ibm.com/support/docview.wss?uid=isg1IZ61027> .
8. It need to install AIX APAR IZ82643 from SP00 to SP07 of 5300-10,please See:<http://www-01.ibm.com/support/docview.wss?uid=isg1IZ82643> .
9. It need to install AIX APAR IZ54693 from SP00 to SP05 of 5300-11,please See:<http://www-01.ibm.com/support/docview.wss?uid=isg1IZ54693> .
10. It need to install AIX APAR IZ82123 from SP00 to SP08 of 5300-11,please See:<http://www-01.ibm.com/support/docview.wss?uid=isg1IZ82123> .
11. It need to install AIX APAR IZ54710 from SP00 to SP02 of 5300-12,please See:<http://www-01.ibm.com/support/docview.wss?uid=isg1IZ54710> .
12. It need to install AIX APAR IZ81685 from SP00 to SP05 of 5300-12,please See:<http://www-01.ibm.com/support/docview.wss?uid=isg1IZ81685> .
13. It need to install AIX APAR IZ58289 from SP00 to SP10 of 6100-00,please See:<http://www-01.ibm.com/support/docview.wss?uid=isg1IZ58289> .
14. It need to install AIX APAR IV58648 from SP00 to SP08 of 6100-01,please See: <http://www-01.ibm.com/support/docview.wss?uid=isg1IZ58648> .
15. It need to install AIX APAR IZ58670 from SP00 to SP09 of 6100-02,please See:<http://www-01.ibm.com/support/docview.wss?uid=isg1IZ58670> .
16. It need to install AIX APAR IZ68219 from SP00 to SP10 of 6100-02,please See:<http://www-01.ibm.com/support/docview.wss?uid=isg1IZ68219> .
17. It need to install AIX APAR IZ57095 from SP00 to SP08 of 6100-03,please See:<http://www-01.ibm.com/support/docview.wss?uid=isg1IZ57095> .
18. It need to install AIX APAR IZ74820 from SP00 to SP10 of 6100-03,please See:<http://www-01.ibm.com/support/docview.wss?uid=isg1IZ74820> .
19. It need to install AIX APAR IZ54753 from SP00 to SP08 of 6100-04,please See:<http://www-01.ibm.com/support/docview.wss?uid=isg1IZ54753> .



20. It need to install AIX APAR IZ78864 from SP00 to SP10 of 6100-04,please See:<http://www-01.ibm.com/support/docview.wss?uid=isg1IZ78864> .
21. It need to install AIX APAR IZ54983 from SP00 to SP09 of 6100-05,please See:<http://www-01.ibm.com/support/docview.wss?uid=isg1IZ54983> .
22. It need to install AIX APAR IZ78800 from SP00 to SP08 of 6100-05,please See:<http://www-01.ibm.com/support/docview.wss?uid=isg1IZ78800> .
23. It need to install AIX APAR IZ77526 from SP00 to SP04 of 6100-06,please See:<http://www-01.ibm.com/support/docview.wss?uid=isg1IZ77526> .
24. It need to install AIX APAR IZ77723 from SP00 to SP12 of 6100-06,please See:<http://www-01.ibm.com/support/docview.wss?uid=isg1IZ77723> .
25. It need to install AIX APAR IV35047 from SP00 to SP12 of 6100-06,please See:<http://www-01.ibm.com/support/docview.wss?uid=isg1IV35047> .
26. It need to install AIX APAR IV34682 from SP00 to SP10 of 6100-07,please See:<http://www-01.ibm.com/support/docview.wss?uid=isg1IV34682> .
27. It need to install AIX APAR IV28616 from SP00 to SP05 of 6100-08,please See:<http://www-01.ibm.com/support/docview.wss?uid=isg1IV28616> .
28. It need to install AIX APAR IV34034 from SP00 to SP05 of 6100-08,please See:<http://www-01.ibm.com/support/docview.wss?uid=isg1IV34034> .
29. It need to install AIX APAR IV33677 from SP00 to SP04 of 6100-09,please See:<http://www-01.ibm.com/support/docview.wss?uid=isg1IV33677> .
30. It need to install AIX APAR IZ80283 from SP00 to SP10 of 7100-00,please See:<http://www-01.ibm.com/support/docview.wss?uid=isg1IZ80283> .
31. It need to install AIX APAR IV28589 from SP00 to SP05 of 7100-02,please See:<http://www-01.ibm.com/support/docview.wss?uid=isg1IV28589> .
32. The HBA only support switch connection.

## Kylin x86\_64

### Huawei

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Huawei RH2285	Kylin 3.0 for x86_64 <sup>1,2</sup>	QLogic QLE2460,QLE2462	UltraPath	OceanStor S2200T	
2	Huawei E6000 BH620	Kylin 3.0 for x86_64 <sup>1,2</sup>	Huawei QFMA	UltraPath	OceanStor S2200T	

1. The OS doesn't support ext2 file system.
2. Kernel version is 2.6.18-SKL1.9.3.ky3.170.12.

## NeoKylin x86\_64

### Huawei

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Huawei RH2285	NeoKylin 3.2.1 for x86_64 <sup>1</sup>	QLogic QLE2460,QLE2462,QLE2560,QLE2562 Emulex LPe111,LPe1150	UltraPath	OceanStor S2200T	
2	Huawei RH2285	NeoKylin 3.2.2 for x86_64 <sup>6</sup>	QLogic QLE2560,QLE2562		OceanStor S2200T	
			Emulex LPe12000 <sup>7</sup> ,LPe12002 <sup>7</sup>	DM-Multipath <sup>2</sup>	OceanStor S2200T	See <sup>5</sup>
2	Huawei RH2285	NeoKylin 5.6 for x86_64 <sup>3</sup>	QLogic QLE2460,QLE2462	DM-Multipath <sup>2</sup>	OceanStor S2200T	See <sup>5</sup>
3	Huawei RH2285	NeoKylin 5.8 for x86_64 <sup>4</sup>	QLogic QLE2460,QLE2462	DM-Multipath <sup>2</sup>	OceanStor S2200T	See <sup>5</sup>
4	Huawei RH2285	NeoKylin 6.0 for x86_64	QLogic QLE2460,QLE2462	DM-Multipath <sup>2</sup>	OceanStor S2200T	See <sup>5</sup>

5	Huawei RH2285	NeoKylin 6.4 for x86_64	QLogic QLE2560,QLE2562	DM-Multipath h <sup>2</sup>	OceanStor S2200T	See <sup>5</sup>
---	------------------	-------------------------	------------------------	--------------------------------	------------------	------------------

- Kernel version is 2.6.32-71.29.1.ky3.2.x86\_64.
- For the detail configuration of DM-Multipath , please contact the technical service centre of Huawei Technologies Co., Ltd..
- Kernel version is 2.6.32-220.el6.x86\_64.
- Kernel version is 2.6.18-308.el5xen.
- The disk storage system must enable ALUA function.
- Kernel version is 3.0.30-rt50.62.2.ky3rt.x86\_64.
- It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.

## Microsoft Windows Itanium

### HP

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	HP Integrity RX Series	Microsoft Windows Server 2003 Enterprise Itanium Edition SP2	Emulex LPe11000,LPe11002	UltraPath	OceanStor S2200T	See <sup>1</sup>
2	HP Integrity RX Series	Microsoft Windows Server 2008 for Itanium-Based system <sup>4</sup>	Emulex LPe11000,LPe11002	MPIO <sup>2,3</sup>	OceanStor S2200T	
3	HP Integrity RX Series	Microsoft Windows Server 2008 R2 for Itanium-Based system	HP AB379A	MPIO <sup>2,3</sup>	OceanStor S2200T	

- Microsoft storport.sys hotfix Q957910 is required. For detail information, please see <http://support.microsoft.com/kb/957910> .To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnun=957910> .
- The disk storage system must enable ALUA function.
- For the detail configuration of MPIO,please contact the technical service centre of Huawei Technologies Co., Ltd..
- Microsoft storport.sys hotfix Q968675 is required. For detail information, please see <http://support.microsoft.com/kb/968675/zh-cn?spid=12925&sid=1312> .To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/kb/968675/zh-cn?spid=12925&sid=1312>.

## Microsoft Windows x64

### Dell

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
-----	--------------	------------------	------------------	--------------------	---------------------	-------

1	Dell PowerEdge Series	Microsoft Windows Server 2003 Enterprise x64 Edition SP2	<p>ATTO Celerity FC-41ES<sup>9</sup>,FC-42ES<sup>9</sup>,FC-81EN<sup>10</sup>,FC-82EN<sup>10</sup></p> <p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup></p> <p>Emulex LP9802<sup>25</sup>,LP11000,LP11002,LP1150<sup>4</sup>,LPe11000,LPe111<sup>4</sup>,LPe1150<sup>4</sup>,LPe11002,LPe12000<sup>11</sup>,LPe12002<sup>11</sup></p> <p>QLogic QLA2460<sup>6</sup>,QLA2462<sup>6</sup>,QLE2460<sup>6</sup>,QLE2462<sup>6</sup>,QLE2560<sup>6</sup>,QLE2562<sup>6</sup></p> <p>Dell LP9802-E<sup>25</sup>,PF323<sup>6</sup>,FH590<sup>6</sup>,DH226<sup>6</sup>,FF340<sup>6</sup>,F641C<sup>6</sup>,H144C<sup>6</sup>,LP1150-E<sup>4</sup>,LPe11002-E,LPe12000-E<sup>11</sup>,LPe12002-E<sup>11</sup>,LPe1150-E<sup>4</sup></p>	UltraPath	OceanStor S2200T	See <sup>8,21</sup>
2	Dell PowerEdge Series	Microsoft Windows Server 2003 Standard x64 Edition SP2	<p>ATTO Celerity FC-41ES<sup>9</sup>,FC-42ES<sup>9</sup>,FC-81EN<sup>10</sup>,FC-82EN<sup>10</sup></p> <p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup></p> <p>Emulex LP9802<sup>25</sup>,LP11000,LP11002,LP1150<sup>4</sup>,LPe11000,LPe111<sup>4</sup>,LPe1150<sup>4</sup>,LPe11002,LPe12000<sup>11</sup>,LPe12002<sup>11</sup></p> <p>QLogic QLA2460<sup>6</sup>,QLA2462<sup>6</sup>,QLE2460<sup>6</sup>,QLE2462<sup>6</sup>,QLE2560<sup>6</sup>,QLE2562<sup>6</sup></p> <p>Dell LP9802-E<sup>25</sup>,PF323<sup>6</sup>,FH590<sup>6</sup>,DH226<sup>6</sup>,FF340<sup>6</sup>,F641C<sup>6</sup>,H144C<sup>6</sup>,LP1150-E<sup>4</sup>,LPe11002-E,LPe12000-E<sup>11</sup>,LPe12002-E<sup>11</sup>,LPe1150-E<sup>4</sup></p>	UltraPath	OceanStor S2200T	See <sup>8,21</sup>
3	Dell PowerEdge Series	Microsoft Windows Server 2003 Datacenter x64 Edition SP2	<p>ATTO Celerity FC-41ES<sup>9</sup>,FC-42ES<sup>9</sup>,FC-81EN<sup>10</sup>,FC-82EN<sup>10</sup></p>	UltraPath	OceanStor S2200T	See <sup>8,21</sup>

			<p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup></p> <p>Emulex LP9802<sup>25</sup>,LP11000,LP11002,LP1150<sup>4</sup>,LPe11000,LPe111<sup>4</sup>,LPe1150<sup>4</sup>,LPe11002,LPe12000<sup>11</sup>,LPe12002<sup>11</sup></p> <p>QLogic QLA2460<sup>6</sup>,QLA2462<sup>6</sup>,QLE2460<sup>6</sup>,QLE2462<sup>6</sup>,QLE2560<sup>6</sup>,QLE2562<sup>6</sup></p> <p>Dell LP9802-E<sup>25</sup>,PF323<sup>6</sup>,FH590<sup>6</sup>,DH226<sup>6</sup>,FF340<sup>6</sup>,F641C<sup>6</sup>,H144C<sup>6</sup>,LP1150-E<sup>4</sup>,LPe11002-E,LPe12000-E<sup>11</sup>,LPe12002-E<sup>11</sup>,LPe1150-E<sup>4</sup></p>			
4	Dell PowerEdge Series	Microsoft Windows Server 2003 R2 Enterprise x64 Edition SP2	<p>ATTO Celerity FC-41ES<sup>9</sup>,FC-42ES<sup>9</sup>,FC-81EN<sup>10</sup>,FC-82EN<sup>10</sup></p> <p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup></p> <p>Emulex LP11000,LP11002,LP1150<sup>17</sup>,LPe11000,LPe111<sup>4</sup>,LPe1150<sup>4,13</sup>,LPe11002,LPe12000<sup>11</sup>,LPe12002<sup>11</sup></p> <p>QLogic QLA2460<sup>6</sup>,QLA2462<sup>6</sup>,QLE2460<sup>6</sup>,QLE2462<sup>6</sup>,QLE2560<sup>6</sup>,QLE2562<sup>6</sup></p> <p>Dell PF323<sup>6</sup>,FH590<sup>6</sup>,DH226<sup>6</sup>,FF340<sup>6</sup>,F641C<sup>6</sup>,H144C<sup>6</sup>,LPe11002-E,LPe12000-E<sup>11</sup>,LPe12002-E<sup>11</sup>,LPe1150-E<sup>4,13</sup>,LP1150-E<sup>17</sup></p>	UltraPath	OceanStor S2200T	See <sup>8</sup>
5	Dell PowerEdge Series	Microsoft Windows Server 2003 R2 Standard x64 Edition SP2	<p>ATTO Celerity FC-41ES<sup>9</sup>,FC-42ES<sup>9</sup>,FC-81EN<sup>10</sup>,FC-82EN<sup>10</sup></p> <p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup></p> <p>Emulex LP11000,LP11002,LP1150<sup>17</sup>,LPe11000,LPe111<sup>4</sup>,LPe1150<sup>4,13</sup>,LPe11002,LPe12000<sup>11</sup>,L</p>	UltraPath	OceanStor S2200T	See <sup>8</sup>

			<p>Pe12002<sup>11</sup></p> <p>QLogic QLA2460<sup>6</sup>,QLA2462<sup>6</sup>,QLE2460<sup>6</sup>,QLE2462<sup>6</sup>,QLE2560<sup>6</sup>,QLE2562<sup>6</sup></p> <p>Dell PF323<sup>6</sup>,FH590<sup>6</sup>,DH226<sup>6</sup>,FF340<sup>6</sup>,F641C<sup>6</sup>,H144C<sup>6</sup>,LPe11002-E,LPe12000-E<sup>11</sup>,LPe12002-E<sup>11</sup>,LPe1150-E<sup>4,13</sup>,LP1150-E<sup>17</sup></p>			
6	Dell PowerEdge Series	Microsoft Windows Server 2003 R2 Datacenter x64 Edition SP2	<p>ATTO Celerity FC-41ES<sup>9</sup>,FC-42ES<sup>9</sup>,FC-81EN<sup>10</sup>,FC-82EN<sup>10</sup></p> <p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup></p> <p>Emulex LP11000,LP11002,LP1150<sup>17</sup>,LPe11000,LPe111<sup>4</sup>,LPe1150<sup>4,13</sup>,LPe11002,LPe12000<sup>11</sup>,LPe12002<sup>11</sup></p> <p>QLogic QLA2460<sup>6</sup>,QLA2462<sup>6</sup>,QLE2460<sup>6</sup>,QLE2462<sup>6</sup>,QLE2560<sup>6</sup>,QLE2562<sup>6</sup></p> <p>Dell PF323<sup>6</sup>,FH590<sup>6</sup>,DH226<sup>6</sup>,FF340<sup>6</sup>,F641C<sup>6</sup>,H144C<sup>6</sup>,LPe11002-E,LPe12000-E<sup>11</sup>,LPe12002-E<sup>11</sup>,LPe1150-E<sup>4,13</sup>,LP1150-E<sup>17</sup></p>	UltraPath	OceanStor S2200T	See <sup>8</sup>
7	Dell PowerEdge Series	Microsoft Windows Server 2008 Enterprise x64 Edition SP2	<p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup>,815<sup>1,3,13</sup>,825<sup>1,3,13</sup></p> <p>Emulex LP11000<sup>12,13</sup>,LP11002<sup>12,13</sup>,LP1150<sup>15</sup>,LPe11000<sup>12,13</sup>,LPe11002<sup>12,13</sup>,LPe111,LPe1150<sup>15</sup>,LPe12000<sup>11</sup>,LPe12002<sup>11</sup></p> <p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>Dell PF323<sup>5</sup>,FH590<sup>5</sup>,DH226<sup>5</sup>,FF340<sup>5</sup>,F641C<sup>5</sup>,H144C<sup>5</sup>,BR815<sup>1,3,13</sup>,BR825<sup>1,3,13</sup>,LP1150-E<sup>15</sup>,LPe11002-E<sup>12,13</sup>,LPe12000-E<sup>11</sup>,LPe12002-</p>	UltraPath	OceanStor S2200T	See <sup>14</sup>

			E <sup>11</sup> ,LPe1150-E <sup>15</sup>			
8	Dell PowerEdge Series	Microsoft Windows Server 2008 Standard x64 Edition SP2	Brocade 415 <sup>1,3,13</sup> ,425 <sup>1,3,13</sup> ,815 <sup>1,3,13</sup> ,825 <sup>1,3,13</sup>  Emulex LP11000 <sup>12,13</sup> ,LP11002 <sup>12,13</sup> ,LP1150 <sup>15</sup> ,LPe11 000 <sup>12,13</sup> ,LPe11002 <sup>12,13</sup> ,LPe111,LPe1150 <sup>15</sup> , , LPe12000 <sup>11</sup> ,LPe12002 <sup>11</sup>  QLogic QLA2460 <sup>5</sup> ,QLA2462 <sup>5</sup> ,QLE2460 <sup>5</sup> ,QLE246 2 <sup>5</sup> ,QLE2560 <sup>5</sup> ,QLE2562 <sup>5</sup>  Dell PF323 <sup>5</sup> ,FH590 <sup>5</sup> ,DH226 <sup>5</sup> ,FF340 <sup>5</sup> ,F641C <sup>5</sup> ,H 144C <sup>5</sup> ,BR815 <sup>1,3,13</sup> ,BR825 <sup>1,3,13</sup> , LP1150-E <sup>15</sup> ,LPe11002-E <sup>12,13</sup> ,LPe12000-E <sup>1</sup> <sup>1</sup> ,LPe12002-E <sup>11</sup> ,LPe1150-E <sup>15</sup>	UltraPath	OceanStor S2200T	See <sup>14</sup>
9	Dell PowerEdge Series	Microsoft Windows Server 2008 Datacenter x64 Edition SP2	Brocade 415 <sup>1,3,13</sup> ,425 <sup>1,3,13</sup> ,815 <sup>1,3,13</sup> ,825 <sup>1,3,13</sup>  Emulex LP11000 <sup>12,13</sup> ,LP11002 <sup>12,13</sup> ,LP1150 <sup>15</sup> ,LPe11 000 <sup>12,13</sup> ,LPe11002 <sup>12,13</sup> ,LPe111,LPe1150 <sup>15</sup> ,L Pe12000 <sup>11</sup> ,LPe12002 <sup>11</sup>  QLogic QLA2460 <sup>5</sup> ,QLA2462 <sup>5</sup> ,QLE2460 <sup>5</sup> ,QLE246 2 <sup>5</sup> ,QLE2560 <sup>5</sup> ,QLE2562 <sup>5</sup>  Dell PF323 <sup>5</sup> ,FH590 <sup>5</sup> ,DH226 <sup>5</sup> ,FF340 <sup>5</sup> ,F641C <sup>5</sup> ,H 144C <sup>5</sup> ,BR815 <sup>1,3,13</sup> ,BR825 <sup>1,3,13</sup> ,LP1150-E <sup>15</sup> , LPe11002-E <sup>12,13</sup> ,LPe12000-E <sup>11</sup> ,LPe12002- E <sup>11</sup> ,LPe1150-E <sup>15</sup>	UltraPath	OceanStor S2200T	See <sup>14</sup>
10	Dell PowerEdge Series	Microsoft Windows Server 2008 R2 Enterprise x64 Edition	Brocade 415 <sup>1,3,13</sup> ,425 <sup>1,3,13</sup> ,815 <sup>1,3,13</sup> ,825 <sup>1,3,13</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe 11002,LPe111,LPe1150,LPe12000 <sup>11</sup> ,LPe1 2002 <sup>11</sup> ,LPe1250 <sup>11</sup>  QLogic QLA2460 <sup>5</sup> ,QLA2462 <sup>5</sup> ,QLE2460 <sup>5</sup> ,QLE246 2 <sup>5</sup> ,QLE2560 <sup>5</sup> ,QLE2562 <sup>5</sup>	UltraPath	OceanStor S2200T	

			<p>Dell PF323<sup>5</sup>,FH590<sup>5</sup>,DH226<sup>5</sup>,FF340<sup>5</sup>,F641C<sup>5</sup>,H144C<sup>5</sup>,BR815<sup>1,3,13</sup>,BR825<sup>1,3,13</sup>,LP1150-E,LPe11002-E,LPe12000-E<sup>11</sup>,LPe12002-E<sup>11</sup>,LPe1150-E</p>			
			<p>QLogic QLE2560,QLE2562</p> <p>Dell F641C,H144C</p>	MPIO <sup>30</sup>	OceanStor S2200T	See <sup>19,20,34</sup>
11	Dell PowerEdge Series	Microsoft Windows Server 2008 R2 Standard x64 Edition	<p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup>,815<sup>1,3,13</sup>,825<sup>1,3,13</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe111,LPe1150,LPe12000<sup>11</sup>,LPe12002<sup>11</sup>,LPe1250<sup>11</sup></p> <p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>Dell PF323<sup>5</sup>,FH590<sup>5</sup>,DH226<sup>5</sup>,FF340<sup>5</sup>,F641C<sup>5</sup>,H144C<sup>5</sup>,BR815<sup>1,3,13</sup>,BR825<sup>1,3,13</sup>,LP1150-E,LPe11002-E,LPe12000-E<sup>11</sup>,LPe12002-E<sup>11</sup>,LPe1150-E</p>	UltraPath	OceanStor S2200T	
			<p>QLogic QLE2560,QLE2562</p> <p>Dell F641C,H144C</p>	MPIO <sup>30</sup>	OceanStor S2200T	See <sup>19,20,34</sup>
12	Dell PowerEdge Series	Microsoft Windows Server 2008 R2 Datacenter x64 Edition	<p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup>,815<sup>1,3,13</sup>,825<sup>1,3,13</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe111,LPe1150,LPe12000<sup>11</sup>,LPe12002<sup>11</sup>,LPe1250<sup>11</sup></p> <p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>Dell PF323<sup>5</sup>,FH590<sup>5</sup>,DH226<sup>5</sup>,FF340<sup>5</sup>,F641C<sup>5</sup>,H144C<sup>5</sup>,BR815<sup>1,3,13</sup>,BR825<sup>1,3,13</sup>,LP1150-E,LPe11002-E,LPe12000-E<sup>11</sup>,LPe12002-E<sup>11</sup>,LPe1150-E</p>	UltraPath	OceanStor S2200T	
			<p>QLogic QLE2560,QLE2562</p>	MPIO <sup>30</sup>	OceanStor S2200T	See <sup>19,20,34</sup>

			Dell F641C,H144C			34
13	Dell PowerEdge Series	Microsoft Windows Server 2008 R2 Enterprise x64 Edition SP1	<p>ATTO Celerity</p> <p>FC-41ES<sup>7,29</sup>,FC-42ES<sup>7,29</sup>,FC-81EN<sup>2,29</sup>,FC-82EN<sup>2,29</sup>,FC-161E<sup>27,28,29</sup>,FC-162E<sup>27,28,29</sup></p> <p>Brocade</p> <p>415<sup>1,3,13</sup>,425<sup>1,3,13</sup>,815<sup>1,3,13</sup>,825<sup>1,3,13</sup>,1860-1<sup>16</sup>,1860-2<sup>16</sup></p> <p>Emulex</p> <p>LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe111,LPe1150,LPe12000<sup>11</sup>,LPe12002<sup>11</sup>,LPe1250<sup>11</sup>,LPe16000<sup>26</sup>,LPe16002<sup>26</sup></p> <p>QLogic</p> <p>QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>Dell</p> <p>PF323<sup>5</sup>,FH590<sup>5</sup>,DH226<sup>5</sup>,FF340<sup>5</sup>,F641C<sup>5</sup>,H144C<sup>5</sup>,BR815<sup>1,3,13</sup>,BR825<sup>1,3,13</sup>,LP1150-E,LPe11002-E,LPe12000-E<sup>11</sup>,LPe12002-E<sup>11</sup>,LPe1150-E</p>	UltraPath	OceanStor S2200T	
			<p>Emulex LPe12000<sup>11</sup>,LPe12002<sup>11</sup></p> <p>QLogic</p> <p>QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>Dell</p> <p>PF323<sup>5</sup>,FH590<sup>5</sup>,DH226<sup>5</sup>,FF340<sup>5</sup>,F641C<sup>5</sup>,H144C<sup>5</sup>,LPe12000-E<sup>11</sup>,LPe12002-E<sup>11</sup></p>	MPIO	OceanStor S2200T	See <sup>19,20</sup>
14	Dell PowerEdge Series	Microsoft Windows Server 2008 R2 Standard x64 Edition SP1	<p>ATTO Celerity</p> <p>FC-41ES<sup>7,29</sup>,FC-42ES<sup>7,29</sup>,FC-81EN<sup>2,29</sup>,FC-82EN<sup>2,29</sup>,FC-161E<sup>27,28,29</sup>,FC-162E<sup>27,28,29</sup></p> <p>Brocade</p> <p>415<sup>1,3,13</sup>,425<sup>1,3,13</sup>,815<sup>1,3,13</sup>,825<sup>1,3,13</sup>,1860-1<sup>16</sup>,1860-2<sup>16</sup></p> <p>Emulex</p> <p>LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe111,LPe1150,LPe12000<sup>11</sup>,LPe1</p>	UltraPath	OceanStor S2200T	



			<p>2002<sup>11</sup>,LPe1250<sup>11</sup>,LPe16000<sup>26</sup>,LPe16002<sup>26</sup></p> <p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>Dell PF323<sup>5</sup>,FH590<sup>5</sup>,DH226<sup>5</sup>,FF340<sup>5</sup>,F641C<sup>5</sup>,H144C<sup>5</sup>,BR815<sup>1,3,13</sup>,BR825<sup>1,3,13</sup>,LP1150-E,LPe11002-E,LPe12000-E<sup>11</sup>,LPe12002-E<sup>11</sup>,LPe1150-E</p>			
			<p>Emulex LPe12000<sup>11</sup>,LPe12002<sup>11</sup></p> <p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>Dell PF323<sup>5</sup>,FH590<sup>5</sup>,DH226<sup>5</sup>,FF340<sup>5</sup>,F641C<sup>5</sup>,H144C<sup>5</sup>,LPe12000-E<sup>11</sup>,LPe12002-E<sup>11</sup></p>	MPIO	OceanStor S2200T	See <sup>19,20</sup>
15	Dell PowerEdge Series	Microsoft Windows Server 2008 R2 Datacenter x64 Edition SP1	<p>ATTO Celerity FC-41ES<sup>7,29</sup>,FC-42ES<sup>7,29</sup>,FC-81EN<sup>2,29</sup>,FC-82EN<sup>2,29</sup>,FC-161E<sup>27,28,29</sup>,FC-162E<sup>27,28,29</sup></p> <p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup>,815<sup>1,3,13</sup>,825<sup>1,3,13</sup>,1860-1<sup>16</sup>,1860-2<sup>16</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe111,LPe1150,LPe12000<sup>11</sup>,LPe12002<sup>11</sup>,LPe1250<sup>11</sup>,LPe16000<sup>26</sup>,LPe16002<sup>26</sup></p> <p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>Dell PF323<sup>5</sup>,FH590<sup>5</sup>,DH226<sup>5</sup>,FF340<sup>5</sup>,F641C<sup>5</sup>,H144C<sup>5</sup>,BR815<sup>1,3,13</sup>,BR825<sup>1,3,13</sup>,LP1150-E,LPe11002-E,LPe12000-E<sup>11</sup>,LPe12002-E<sup>11</sup>,LPe1150-E</p>	UltraPath	OceanStor S2200T	
			<p>Emulex LPe12000<sup>11</sup>,LPe12002<sup>11</sup></p>	MPIO	OceanStor S2200T	See <sup>19,20</sup>

			<p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>Dell PF323<sup>5</sup>,FH590<sup>5</sup>,DH226<sup>5</sup>,FF340<sup>5</sup>,F641C<sup>5</sup>,H144C<sup>5</sup>,LPe12000-E<sup>11</sup>,LPe12002-E<sup>11</sup></p>			
16	Dell PowerEdge Series	Microsoft Windows Storage Server 2008 R2 Essentials x64 Edition SP1	<p>Emulex LPe12000<sup>11</sup>,LPe12002<sup>11</sup></p> <p>Dell LPe12000-E<sup>11</sup>,LPe12002-E<sup>11</sup></p>	UltraPath	OceanStor S2200T	
17	Dell PowerEdge Series	Microsoft Windows 7 Enterprise x64 Edition SP1	<p>Emulex LP11000,LP11002,LPe11000,LPe11002</p> <p>Dell LPe11002-E</p>	UltraPath	OceanStor S2200T	
18	Dell PowerEdge Series	Microsoft Windows 7 Professional x64 Edition SP1	<p>Emulex LPe1250<sup>11</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p> <p>Dell PF323,FH590,DH226,FF340</p>	UltraPath	OceanStor S2200T	See <sup>24</sup>
19	Dell PowerEdge Series	Microsoft Windows Small Business Server 2011 Essentials SP1	<p>Emulex LPe12000<sup>11</sup>,LPe12002<sup>11</sup></p> <p>QLogic QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>Dell H144C<sup>5</sup>,F641C<sup>5</sup>,LPe12000-E<sup>11</sup>,LPe12002-E<sup>11</sup></p>	UltraPath	OceanStor S2200T	
20	Dell PowerEdge Series	Microsoft Windows Server 2012 Datacenter x64 Edition	<p>Brocade 815<sup>1,13</sup>,825<sup>1,13</sup></p> <p>Emulex LPe12000<sup>11,18</sup>,LPe12002<sup>11,18</sup>,LPe16000<sup>33</sup>,LPe16002<sup>33</sup></p> <p>QLogic QLE2560,QLE2562,QLE2672<sup>32</sup></p> <p>Dell BR815<sup>1,13</sup>,BR825<sup>1,13</sup>,F641C,H144C,LPe12000-E<sup>11,18</sup>,LPe12002-E<sup>11,18</sup></p>	UltraPath <sup>22</sup>	OceanStor S2200T	See <sup>35</sup>
			<p>Emulex LPe12000<sup>11,18</sup>,LPe12002<sup>11,18</sup>,LPe16000<sup>11</sup>,LPe16002<sup>11</sup></p> <p>QLogic QLE2560,QLE2562</p>	MPIO <sup>22,30</sup>	OceanStor S2200T	See <sup>19,20,35</sup>

			Dell F641C,H144C,LPe12000-E <sup>11,18</sup> ,LPe12002-E <sup>11,18</sup>			
21	Dell PowerEdge Series	Microsoft Windows Server 2012 Standard x64 Edition	Brocade 815 <sup>1,13</sup> ,825 <sup>1,13</sup>  Emulex LPe12000 <sup>11,18</sup> ,LPe12002 <sup>11,18</sup> ,LPe16000 <sup>33</sup> ,L Pe16002 <sup>33</sup>  QLogic QLE2560,QLE2562,QLE2672 <sup>32</sup>  Dell BR815 <sup>1,13</sup> ,BR825 <sup>1,13</sup> ,F641C,H144C,LPe12 000-E <sup>11,18</sup> ,LPe12002-E <sup>11,18</sup>	UltraPath <sup>22</sup>	OceanStor S2200T	See <sup>35</sup>
			Emulex LPe12000 <sup>11,18</sup> ,LPe12002 <sup>11,18</sup> ,LPe16000 <sup>11</sup> ,L Pe16002 <sup>11</sup>  QLogic QLE2560,QLE2562  Dell F641C,H144C,LPe12000-E <sup>11,18</sup> ,LPe12002-E <sup>11,18</sup>	MPIO <sup>22,30</sup>	OceanStor S2200T	See <sup>19,20,35</sup>
22	Dell PowerEdge Series	Microsoft Windows Server 2012 Essentials x64 Edition	QLogic QLE2560,QLE2562  Dell F641C,H144C	UltraPath <sup>22</sup>	OceanStor S2200T	See <sup>35</sup>
23	Dell PowerEdge Series	Microsoft Windows Server 2012 R2 Datacenter x64 Edition	QLogic QLE2560 <sup>31</sup> ,QLE2562 <sup>31</sup>  Emulex LPe12000 <sup>11</sup> ,LPe12002 <sup>11</sup>  Dell F641C <sup>31</sup> ,H144C <sup>31</sup> ,LPe12000-E <sup>11</sup> ,LPe1200 2-E <sup>11</sup>	MPIO	OceanStor S2200T	See <sup>19,20,35</sup>
			Brocade 815 <sup>1</sup> ,825 <sup>1</sup>  Emulex LPe12000 <sup>11</sup> ,LPe12002 <sup>11</sup> ,LPe16000,LPe16 002  QLogic QLE2560 <sup>31</sup> ,QLE2562 <sup>31</sup> ,QLE2672 <sup>11</sup>  Dell BR815 <sup>1,13</sup> ,BR825 <sup>1,13</sup> ,LPe12000-E <sup>11</sup> ,LPe12	UltraPath	OceanStor S2200T	See <sup>35</sup>

			002-E <sup>11</sup> ,F641C <sup>31</sup> ,H144C <sup>31</sup>			
24	Dell PowerEdge Series	Microsoft Windows Server 2012 R2 Standard x64 Edition	QLogic QLE2560 <sup>31</sup> ,QLE2562 <sup>31</sup>  Emulex LPe12000 <sup>11</sup> ,LPe12002 <sup>11</sup>  Dell F641C <sup>31</sup> ,H144C <sup>31</sup> ,LPe12000-E <sup>11</sup> ,LPe12002-E <sup>11</sup>	MPIO	OceanStor S2200T	See <sup>19,20,35</sup>
			Brocade 815 <sup>1</sup> ,825 <sup>1</sup>  Emulex LPe12000 <sup>11</sup> ,LPe12002 <sup>11</sup> ,LPe16000,LPe16002  QLogic QLE2560 <sup>31</sup> ,QLE2562 <sup>31</sup> ,QLE2672 <sup>11</sup>  Dell BR815 <sup>1</sup> ,BR825 <sup>1</sup> ,LPe12000-E <sup>11</sup> ,LPe12002-E <sup>11</sup> ,F641C <sup>31</sup> ,H144C <sup>31</sup>	UltraPath	OceanStor S2200T	See <sup>35</sup>
25	Dell PowerEdge Series	Microsoft Windows 8 Enterprise x64 Edition	ATTO Celerity FC-81EN <sup>23</sup> ,FC-82EN <sup>23</sup>	UltraPath <sup>22</sup>	OceanStor S2200T	
26	Dell M1000e M610,M710H D	Microsoft Windows Server 2008 Enterprise x64 Edition SP2	Emulex LPe1205-M	UltraPath	OceanStor S2200T	See <sup>14</sup>

1. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
2. HBA driver version is 1.32.2.0.
3. HBA driver version is 2.3.0.0.
4. HBA driver version is 7.01.20.04-1.
5. HBA driver version is 9.1.9.27.
6. HBA driver version is 9.1.8.25.
7. HBA driver version is 2.66.2.0.
8. Microsoft storport hotfix Q957910 is required. For detail information, please see <http://support.microsoft.com/kb/957910/en-us>. To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnun=957910&kbln=en-us>.
9. HBA driver version is 2.50.2.0.
10. HBA driver version is 1.32.2.0.
11. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
12. HBA driver version is 7.2.50.7,firmware version is 2.82A4.
13. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection.The CLI command is:chgpportparam -c controller id -if interface module id -p port id -d 500.
14. Microsoft storport.sys hotfix Q968675 is required. For detail information, please see <http://support.microsoft.com/kb/968675/en-us>. To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnun=968675&kbln=en-us>.
15. HBA driver version is 2.50.007.

16. HBA driver version is 3.1.0.0,firmware version is 3.1.0.0.
17. HBA driver version is 7.2.41.002,firmware version is 2.10A10.
18. HBA driver version is 2.72.012.001,firmware version is 1.00A11.
19. The disk storage system must enable ALUA function.
20. For the detail configuration of MPIO,please contact the technical service centre of Huawei Technologies Co., Ltd..
21. Microsoft storport.sys hotfix Q931311 is required. For detail information, please see <http://support.microsoft.com/kb/931311/en-us> .To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnm=931311&kbln=en-us>.
22. It is required to install KB2822241 if KB2779768 has been installed in the server, otherwise the MultiPath Software will not take effect. To obtain this hotfix, fill out the hotfix request form at <http://www.microsoft.com/en-us/download/details.aspx?id=38240> .
23. HBA driver version is 1.50.2.0.
24. QLogic does not claim to support this operating system.
25. HBA driver version is 7.2.42.0.
26. HBA driver version is 2.74.014.001.
27. HBA driver version is 1.3.2.
28. It is required to install the UltraPath and configure the foundation "IO Suspension" to 60s.
29. After installing the HBA driver, it is required to configure the "TimeOutValue" to 60(decimal) which is located at HKEY\_LOCAL\_MACHINE\System\CurrentControlSet\Services\Disk\ in the OS's REGEDIT.
30. Microsoft storport.sys hotfix Q2821052 is required. For detail information, please see <http://support.microsoft.com/kb/2821052/EN-US> .To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnm=2821052&kbln=en-us> .
31. HBA driver version is 9.1.11.28.
32. HBA driver version is 9.1.11.24.
33. HBA driver version is 2.74.014.001.
34. Microsoft storport.sys hotfix Q978500 is required. For detail information, please see <http://support.microsoft.com/kb/978500/EN-US> .To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnm=978500&kbln=en-us>.
35. The disk storage system is not support the function of Thin Provision.

## Fujitsu

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	PRIMERGY BX620	Microsoft Windows Server 2008 R2 Enterprise x64 Edition SP1	Fujitsu BX600-FC42E	UltraPath	OceanStor S2200T	

## HP

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	HP ProLiant Series	Microsoft Windows Server 2003 Enterprise x64 Edition SP2	ATTO Celerity FC-41ES <sup>9</sup> ,FC-42ES <sup>9</sup> ,FC-81EN <sup>10</sup> ,FC-82EN <sup>10</sup>  Brocade 415 <sup>1,3,13</sup> ,425 <sup>1,3,13</sup>  Emulex LP9802 <sup>26</sup> ,LP11000,LP11002,LP1150 <sup>4</sup> ,LPe	UltraPath	OceanStor S2200T	See <sup>8,22</sup>

			<p>11000,LPe111<sup>4</sup>,LPe1150<sup>4</sup>,LPe11002,LPe12000<sup>11</sup>,LPe12002<sup>11</sup></p> <p>QLogic QLA2460<sup>6</sup>,QLA2462<sup>6</sup>,QLE2460<sup>6</sup>,QLE2462<sup>6</sup>,QLE2560<sup>6</sup>,QLE2562<sup>6</sup></p> <p>HP AB232A/FCA2404<sup>26</sup>,AP767A<sup>1,3,13</sup>,AP768A<sup>1,3,13</sup>,AB429A/FC1143<sup>6</sup>,AE369A/FC1243<sup>6</sup>,AE311A/FC1142SR<sup>6</sup>,AE312A/FC1242SR<sup>6</sup>,A8003A/FC2242SR,AD168A/FC2243,AJ762A/81E<sup>11</sup>,AJ763A/82E<sup>11</sup>,AK344A/81Q<sup>6</sup>,AJ764A/82Q<sup>6</sup>,A8002A/FC2142SR<sup>4</sup></p>			
2	HP ProLiant Series	Microsoft Windows Server 2003 Standard x64 Edition SP2	<p>ATTO Celerity FC-41ES<sup>9</sup>,FC-42ES<sup>9</sup>,FC-81EN<sup>10</sup>,FC-82EN<sup>10</sup></p> <p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup></p> <p>Emulex LP9802<sup>26</sup>,LP11000,LP11002,LP1150<sup>4</sup>,LPe11000,LPe111<sup>4</sup>,LPe1150<sup>4</sup>,LPe11002,LPe12000<sup>11</sup>,LPe12002<sup>11</sup></p> <p>QLogic QLA2460<sup>6</sup>,QLA2462<sup>6</sup>,QLE2460<sup>6</sup>,QLE2462<sup>6</sup>,QLE2560<sup>6</sup>,QLE2562<sup>6</sup></p> <p>HP AB232A/FCA2404<sup>26</sup>,AP767A<sup>1,3,13</sup>,AP768A<sup>1,3,13</sup>,AB429A/FC1143<sup>6</sup>,AE369A/FC1243<sup>6</sup>,AE311A/FC1142SR<sup>6</sup>,AE312A/FC1242SR<sup>6</sup>,A8003A/FC2242SR,AD168A/FC2243,AJ762A/81E<sup>11</sup>,AJ763A/82E<sup>11</sup>,AK344A/81Q<sup>6</sup>,AJ764A/82Q<sup>6</sup>,A8002A/FC2142SR<sup>4</sup></p>	UltraPath	OceanStor S2200T	See <sup>8,22</sup>
3	HP ProLiant Series	Microsoft Windows Server 2003 Datacenter x64 Edition SP2	<p>ATTO Celerity FC-41ES<sup>9</sup>,FC-42ES<sup>9</sup>,FC-81EN<sup>10</sup>,FC-82EN<sup>10</sup></p> <p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup></p> <p>Emulex LP9802<sup>26</sup>,LP11000,LP11002,LP1150<sup>4</sup>,LPe</p>	UltraPath	OceanStor S2200T	See <sup>8,22</sup>

			<p>11000,LPe111<sup>4</sup>,LPe1150<sup>4</sup>,LPe11002,LPe12000<sup>11</sup>,LPe12002<sup>11</sup></p> <p>QLogic QLA2460<sup>6</sup>,QLA2462<sup>6</sup>,QLE2460<sup>6</sup>,QLE2462<sup>6</sup>,QLE2560<sup>6</sup>,QLE2562<sup>6</sup></p> <p>HP AB232A/FCA2404<sup>26</sup>,AP767A<sup>1,3,13</sup>,AP768A<sup>1,3,13</sup>,AB429A/FC1143<sup>6</sup>,AE369A/FC1243<sup>6</sup>,AE311A/FC1142SR<sup>6</sup>,AE312A/FC1242SR<sup>6</sup>,A8003A/FC2242SR,AD168A/FC2243,AJ762A/81E<sup>11</sup>,AJ763A/82E<sup>11</sup>,AK344A/81Q<sup>6</sup>,AJ764A/82Q<sup>6</sup>,A8002A/FC2142SR<sup>4</sup></p>			
4	HP ProLiant Series	Microsoft Windows Server 2003 R2 Enterprise x64 Edition SP2	<p>ATTO Celerity FC-41ES<sup>9</sup>,FC-42ES<sup>9</sup>,FC-81EN<sup>10</sup>,FC-82EN<sup>10</sup></p> <p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup></p> <p>Emulex LP11000,LP11002,LP1150<sup>18</sup>,LPe11000,LPe111<sup>4</sup>,LPe1150<sup>4,13</sup>,LPe11002,LPe12000<sup>11</sup>,LPe12002<sup>11</sup></p> <p>QLogic QLA2460<sup>6</sup>,QLA2462<sup>6</sup>,QLE2460<sup>6</sup>,QLE2462<sup>6</sup>,QLE2560<sup>6</sup>,QLE2562<sup>6</sup></p> <p>HP AP767A<sup>1,3,13</sup>,AP768A<sup>1,3,13</sup>,AB429A/FC1143<sup>6</sup>,AE369A/FC1243<sup>6</sup>,AE311A/FC1142SR<sup>6</sup>,AE312A/FC1242SR<sup>6</sup>,A8003A/FC2242SR,AD168A/FC2243,AJ762A/81E<sup>11</sup>,AJ763A/82E<sup>11</sup>,AK344A/81Q<sup>6</sup>,AJ764A/82Q<sup>6</sup>,A8002A/FC2142SR<sup>4,13</sup></p>	UltraPath	OceanStor S2200T	See <sup>8</sup>
5	HP ProLiant Series	Microsoft Windows Server 2003 R2 Standard x64 Edition SP2	<p>ATTO Celerity FC-41ES<sup>9</sup>,FC-42ES<sup>9</sup>,FC-81EN<sup>10</sup>,FC-82EN<sup>10</sup></p> <p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup></p> <p>Emulex LP11000,LP11002,LP1150<sup>18</sup>,LPe11000,LPe111<sup>4</sup>,LPe1150<sup>4,13</sup>,LPe11002,LPe12000<sup>11</sup>,LPe12002<sup>11</sup></p>	UltraPath	OceanStor S2200T	See <sup>8</sup>

			<p>e111<sup>4</sup>,LPe1150<sup>4,13</sup>,LPe11002,LPe12000<sup>11</sup>,LPe12002<sup>11</sup></p> <p>QLogic QLA2460<sup>6</sup>,QLA2462<sup>6</sup>,QLE2460<sup>6</sup>,QLE2462<sup>6</sup>,QLE2560<sup>6</sup>,QLE2562<sup>6</sup></p> <p>HP AP767A<sup>1,3,13</sup>,AP768A<sup>1,3,13</sup>,AB429A/FC1143<sup>6</sup>,AE369A/FC1243<sup>6</sup>,AE311A/FC1142SR<sup>6</sup>,AE312A/FC1242SR<sup>6</sup>,A8003A/FC2242SR,AD168A/FC2243,AJ762A/81E<sup>11</sup>,AJ763A/82E<sup>11</sup>,AK344A/81Q<sup>6</sup>,AJ764A/82Q<sup>6</sup>,A8002A/FC2142SR<sup>4,13</sup></p>			
6	HP ProLiant Series	Microsoft Windows Server 2003 R2 Datacenter x64 Edition SP2	<p>ATTO Celerity FC-41ES<sup>9</sup>,FC-42ES<sup>9</sup>,FC-81EN<sup>10</sup>,FC-82EN<sup>10</sup></p> <p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup></p> <p>Emulex LP11000,LP11002,LP1150<sup>18</sup>,LPe11000,LPe111<sup>4</sup>,LPe1150<sup>4,13</sup>,LPe11002,LPe12000<sup>11</sup>,LPe12002<sup>11</sup></p> <p>QLogic QLA2460<sup>6</sup>,QLA2462<sup>6</sup>,QLE2460<sup>6</sup>,QLE2462<sup>6</sup>,QLE2560<sup>6</sup>,QLE2562<sup>6</sup></p> <p>HP AP767A<sup>1,3,13</sup>,AP768A<sup>1,3,13</sup>,AB429A/FC1143<sup>6</sup>,AE369A/FC1243<sup>6</sup>,AE311A/FC1142SR<sup>6</sup>,AE312A/FC1242SR<sup>6</sup>,A8003A/FC2242SR,AD168A/FC2243,AJ762A/81E<sup>11</sup>,AJ763A/82E<sup>11</sup>,AK344A/81Q<sup>6</sup>,AJ764A/82Q<sup>6</sup>,A8002A/FC2142SR<sup>4,13</sup></p>	UltraPath	OceanStor S2200T	See <sup>8</sup>
7	HP ProLiant Series	Microsoft Windows Server 2008 Enterprise x64 Edition SP2	<p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup>,815<sup>1,3,13</sup>,825<sup>1,3,13</sup></p> <p>Emulex LP11000<sup>12,13</sup>,LP11002<sup>12,13</sup>,LP1150<sup>15</sup>,LPe11000<sup>12,13</sup>,LPe11002<sup>12,13</sup>,LPe111,LPe1150<sup>15</sup>,LPe12000<sup>11</sup>,LPe12002<sup>11</sup>,LPe1250<sup>11</sup></p> <p>QLogic</p>	UltraPath	OceanStor S2200T	See <sup>14</sup>



			<p>QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>HP AP767A<sup>1,3,13</sup>,AP768A<sup>1,3,13</sup>,AP769A<sup>1,3,13</sup>,AP770A<sup>1,3,13</sup>,AB429A/FC1143<sup>5</sup>,AE369A/FC1243<sup>5</sup>,AE311A/FC1142SR<sup>5</sup>,AE312A/FC1242SR<sup>5</sup>,A8003A/FC2242SR<sup>12,13</sup>,AD168A/FC2243<sup>12,13</sup>,AJ762A/81E<sup>11</sup>,AJ763A/82E<sup>11</sup>,AK344A/81Q<sup>5</sup>,AJ764A/82Q<sup>5</sup>,A8002A/FC2142SR<sup>15</sup></p>			
8	HP ProLiant Series	Microsoft Windows Server 2008 Standard x64 Edition SP2	<p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup>,815<sup>1,3,13</sup>,825<sup>1,3,13</sup></p> <p>EmulexLP11000<sup>12,13</sup>,LP11002<sup>12,13</sup>,LP1150<sup>15</sup>,LPe11000<sup>12,13</sup>,LPe11002<sup>12,13</sup>,LPe111,LPe1150<sup>15</sup>,LPe12000<sup>11</sup>,LPe12002<sup>11</sup>,LPe1250<sup>11</sup></p> <p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>HP AP767A<sup>1,3,13</sup>,AP768A<sup>1,3,13</sup>,AP769A<sup>1,3,13</sup>,AP770A<sup>1,3,13</sup>,AB429A/FC1143<sup>5</sup>,AE369A/FC1243<sup>5</sup>,AE311A/FC1142SR<sup>5</sup>,AE312A/FC1242SR<sup>5</sup>,A8003A/FC2242SR<sup>12,13</sup>,AD168A/FC2243<sup>12,13</sup>,AJ762A/81E<sup>11</sup>,AJ763A/82E<sup>11</sup>,AK344A/81Q<sup>5</sup>,AJ764A/82Q<sup>5</sup>,A8002A/FC2142SR<sup>15</sup></p>	UltraPath	OceanStor S2200T	See <sup>14</sup>
9	HP ProLiant Series	Microsoft Windows Server 2008 Datacenter x64 Edition SP2	<p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup>,815<sup>1,3,13</sup>,825<sup>1,3,13</sup></p> <p>Emulex LP11000<sup>12,13</sup>,LP11002<sup>12,13</sup>,LP1150<sup>15</sup>,LPe11000<sup>12,13</sup>,LPe11002<sup>12,13</sup>,LPe111,LPe1150<sup>15</sup>,LPe12000<sup>11</sup>,LPe12002<sup>11</sup>,LPe1250<sup>11</sup></p> <p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>HP AP767A<sup>1,3,13</sup>,AP768A<sup>1,3,13</sup>,AP769A<sup>1,3,13</sup>,AP770A<sup>1,3,13</sup>,AB429A/FC1143<sup>5</sup>,AE369A/FC1243<sup>5</sup>,AE311A/FC1142SR<sup>5</sup>,AE312A/FC12</p>	UltraPath	OceanStor S2200T	See <sup>14</sup>

			42SR <sup>5</sup> ,A8003A/FC2242SR <sup>12,13</sup> ,AD168A/FC2243 <sup>12,13</sup> ,AJ762A/81E <sup>11</sup> ,AJ763A/82E <sup>11</sup> ,AK344A/81Q <sup>5</sup> ,AJ764A/82Q <sup>5</sup> ,A8002A/FC2142SR <sup>15</sup>			
10	HP ProLiant Series	Microsoft Windows Server 2008 R2 Enterprise x64 Edition	<p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup>,815<sup>1,3,13</sup>,825<sup>1,3,13</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe111,LPe1150,LPe12000<sup>11</sup>,LPe12002<sup>11</sup>,LPe1250<sup>11</sup></p> <p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>HP AP767A<sup>1,3,13</sup>,AP768A<sup>1,3,13</sup>,AP769A<sup>1,3,13</sup>,AP770A<sup>1,3,13</sup>,AB429A/FC1143<sup>5</sup>,AE369A/FC1243<sup>5</sup>,AE311A/FC1142SR<sup>5</sup>,AE312A/FC1242SR<sup>5</sup>,A8003A/FC2242SR,AD168A/FC2243,AJ762A/81E<sup>11</sup>,AJ763A/82E<sup>11</sup>,AK344A/81Q<sup>5</sup>,AJ764A/82Q<sup>5</sup>,A8002A/FC2142SR</p>	UltraPath	OceanStor S2200T	
			<p>QLogic QLE2560,QLE2562</p> <p>HP AK344A/81Q,AJ764A/82Q</p>	MPIO <sup>31</sup>	OceanStor S2200T	See <sup>20,21,35</sup>
11	HP ProLiant Series	Microsoft Windows Server 2008 R2 Standard x64 Edition	<p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup>,815<sup>1,3,13</sup>,825<sup>1,3,13</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe111,LPe1150,LPe12000<sup>11</sup>,LPe12002<sup>11</sup>,LPe1250<sup>11</sup></p> <p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>HP AP767A<sup>1,3,13</sup>,AP768A<sup>1,3,13</sup>,AP769A<sup>1,3,13</sup>,AP770A<sup>1,3,13</sup>,AB429A/FC1143<sup>5</sup>,AE369A/FC1243<sup>5</sup>,AE311A/FC1142SR<sup>5</sup>,AE312A/FC1242SR<sup>5</sup>,A8003A/FC2242SR,AD168A/FC2243,AJ762A/81E<sup>11</sup>,AJ763A/82E<sup>11</sup>,AK344A/81Q<sup>5</sup>,AJ764A/82Q<sup>5</sup>,A8002A/FC2142SR</p>	UltraPath	OceanStor S2200T	

			R			
			QLogic QLE2560,QLE2562	MPIO <sup>31</sup>	OceanStor S2200T	See <sup>20,21,35</sup>
			HP AK344A/81Q,AJ764A/82Q			
12	HP ProLiant Series	Microsoft Windows Server 2008 R2 Datacenter x64 Edition	<p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup>,815<sup>1,3,13</sup>,825<sup>1,3,13</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe111,LPe1150,LPe12000<sup>11</sup>,LPe12002<sup>11</sup>,LPe1250<sup>11</sup></p> <p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>HP AP767A<sup>1,3,13</sup>,AP768A<sup>1,3,13</sup>,AP769A<sup>1,3,13</sup>,AP770A<sup>1,3,13</sup>,AB429A/FC1143<sup>5</sup>,AE369A/FC1243<sup>5</sup>,AE311A/FC1142SR<sup>5</sup>,AE312A/FC1242SR<sup>5</sup>,A8003A/FC2242SR,AD168A/FC2243,AJ762A/81E<sup>11</sup>,AJ763A/82E<sup>11</sup>,AK344A/81Q<sup>5</sup>,AJ764A/82Q<sup>5</sup>,A8002A/FC2142SR</p>	UltraPath	OceanStor S2200T	
			R			
			QLogic QLE2560,QLE2562	MPIO <sup>31</sup>	OceanStor S2200T	See <sup>20,21,35</sup>
			HP AK344A/81Q,AJ764A/82Q			
13	HP ProLiant Series	Microsoft Windows Server 2008 R2 Enterprise x64 Edition SP1	<p>ATTO Celerity FC-41ES<sup>7,30</sup>,FC-42ES<sup>7,30</sup>,FC-81EN<sup>2,30</sup>,FC-82EN<sup>2,30</sup>,FC-161E<sup>28,29,30</sup>,FC-162E<sup>28,29,30</sup></p> <p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup>,815<sup>1,3,13</sup>,825<sup>1,3,13</sup>,1860-1<sup>17</sup>,1860-2<sup>17</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe111,LPe1150,LPe12000<sup>11</sup>,LPe12002<sup>11</sup>,LPe1250<sup>11</sup>,LPe16000<sup>27</sup>,LPe16002<sup>27</sup></p> <p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>HP</p>	UltraPath	OceanStor S2200T	

			<p>AP767A<sup>1,3,13</sup>,AP768A<sup>1,3,13</sup>,AP769A<sup>1,3,13</sup>,AP770A<sup>1,3,13</sup>,AB429A/FC1143<sup>5</sup>,AE369A/FC1243<sup>5</sup>,AE311A/FC1142SR<sup>5</sup>,AE312A/FC1242SR<sup>5</sup>,A8003A/FC2242SR,AD168A/FC2243,AJ762A/81E<sup>11</sup>,AJ763A/82E<sup>11</sup>,AK344A/81Q<sup>5</sup>,AJ764A/82Q<sup>5</sup>,A8002A/FC2142SR,QR558A<sup>27</sup>,QR559A<sup>27</sup></p>			
			<p>Emulex LPe12000<sup>11</sup>,LPe12002<sup>11</sup></p> <p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>HP AB429A/FC1143<sup>5</sup>,AE369A/FC1243<sup>5</sup>,AE311A/FC1142SR<sup>5</sup>,AE312A/FC1242SR<sup>5</sup>,AK344A/81Q<sup>5</sup>,AJ764A/82Q<sup>5</sup>,AJ762A/81E<sup>11</sup>,AJ763A/82E<sup>11</sup></p>	MPIO	OceanStor S2200T	See <sup>20,21</sup>
14	HP ProLiant Series	Microsoft Windows Server 2008 R2 Standard x64 Edition SP1	<p>ATTO Celerity FC-41ES<sup>7,30</sup>,FC-42ES<sup>7,30</sup>,FC-81EN<sup>2,30</sup>,FC-82EN<sup>2,30</sup>,FC-161E<sup>28,29,30</sup>,FC-162E<sup>28,29,30</sup></p> <p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup>,815<sup>1,3,13</sup>,825<sup>1,3,13</sup>,1860-1<sup>17</sup>,1860-2<sup>17</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe111,LPe1150,LPe12000<sup>11</sup>,LPe12002<sup>11</sup>,LPe1250<sup>11</sup>,LPe16000<sup>27</sup>,LPe16002<sup>27</sup></p> <p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>HP AP767A<sup>1,3,13</sup>,AP768A<sup>1,3,13</sup>,AP769A<sup>1,3,13</sup>,AP770A<sup>1,3,13</sup>,AB429A/FC1143<sup>5</sup>,AE369A/FC1243<sup>5</sup>,AE311A/FC1142SR<sup>5</sup>,AE312A/FC1242SR<sup>5</sup>,A8003A/FC2242SR,AD168A/FC2243,AJ762A/81E<sup>11</sup>,AJ763A/82E<sup>11</sup>,AK344A/81Q<sup>5</sup>,AJ764A/82Q<sup>5</sup>,A8002A/FC2142SR,QR558A<sup>27</sup>,QR559A<sup>27</sup></p>	UltraPath	OceanStor S2200T	
			Emulex LPe12000 <sup>11</sup> ,LPe12002 <sup>11</sup>	MPIO	OceanStor S2200T	See <sup>20,21</sup>

			<p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>HP AB429A/FC1143<sup>5</sup>,AE369A/FC1243<sup>5</sup>,AE311A/FC1142SR<sup>5</sup>,AE312A/FC1242SR<sup>5</sup>,AK344A/81Q<sup>5</sup>,AJ764A/82Q<sup>5</sup>,AJ762A/81E<sup>11</sup>,AJ763A/82E<sup>11</sup></p>			
15	HP ProLiant Series	Microsoft Windows Server 2008 R2 Datacenter x64 Edition SP1	<p>ATTO Celerity FC-41ES<sup>7,30</sup>,FC-42ES<sup>7,30</sup>,FC-81EN<sup>2,30</sup>,FC-82EN<sup>2,30</sup>,FC-161E<sup>28,29,30</sup>,FC-162E<sup>28,29,30</sup></p> <p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup>,815<sup>1,3,13</sup>,825<sup>1,3,13</sup>,1860-1<sup>17</sup>,1860-2<sup>17</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe111,LPe1150,LPe12000<sup>11</sup>,LPe12002<sup>11</sup>,LPe1250<sup>11</sup>,LPe16000<sup>27</sup>,LPe16002<sup>27</sup></p> <p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>HP AP767A<sup>1,3,13</sup>,AP768A<sup>1,3,13</sup>,AP769A<sup>1,3,13</sup>,AP770A<sup>1,3,13</sup>,AB429A/FC1143<sup>5</sup>,AE369A/FC1243<sup>5</sup>,AE311A/FC1142SR<sup>5</sup>,AE312A/FC1242SR<sup>5</sup>,A8003A/FC2242SR,AD168A/FC2243,AJ762A/81E<sup>11</sup>,AJ763A/82E<sup>11</sup>,AK344A/81Q<sup>5</sup>,AJ764A/82Q<sup>5</sup>,A8002A/FC2142SR,QR558A<sup>27</sup>,QR559A<sup>27</sup></p>	UltraPath	OceanStor S2200T	
			<p>Emulex LPe12000<sup>11</sup>,LPe12002<sup>11</sup></p> <p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>HP AB429A/FC1143<sup>5</sup>,AE369A/FC1243<sup>5</sup>,AE311A/FC1142SR<sup>5</sup>,AE312A/FC1242SR<sup>5</sup>,AK</p>	MPIO	OceanStor S2200T	See <sup>20,21</sup>

			344A/81Q <sup>5</sup> ,AJ764A/82Q <sup>5</sup> ,AJ762A/81E <sup>11</sup> , AJ763A/82E <sup>11</sup>			
16	HP ProLiant Series	Microsoft Windows Storage Server 2008 R2 Essentials x64 Edition SP1	Emulex LPe12000 <sup>11</sup> ,LPe12002 <sup>11</sup>  HP AJ762A/81E <sup>11</sup> ,AJ763A/82E <sup>11</sup>	UltraPath	OceanStor S2200T	
17	HP ProLiant Series	Microsoft Windows 7 Enterprise x64 Edition SP1	Emulex LP11000,LP11002,LPe11000,LPe11002  HP AD168A/FC2243,A8003A/FC2242SR	UltraPath	OceanStor S2200T	
18	HP ProLiant Series	Microsoft Windows 7 Professional x64 Edition SP1	Emulex LPe1250 <sup>11</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462  HP AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR	UltraPath	OceanStor S2200T	See <sup>25</sup>
19	HP ProLiant Series	Microsoft Windows Small Business Server 2011 Essentials SP1	Emulex LPe12000 <sup>11</sup> ,LPe12002 <sup>11</sup>  QLogic QLE2560 <sup>5</sup> ,QLE2562 <sup>5</sup>  HP AJ762A/81E <sup>11</sup> ,AJ763A/82E <sup>11</sup> ,AK344A/81Q <sup>5</sup> ,AJ764A/82Q <sup>5</sup>	UltraPath	OceanStor S2200T	
20	HP ProLiant Series	Microsoft Windows Server 2012 Datacenter x64 Edition	Brocade 815 <sup>1,13</sup> ,825 <sup>1,13</sup>  Emulex LPe12000 <sup>11,19</sup> ,LPe12002 <sup>11,19</sup> ,LPe16000 <sup>34</sup> ,LPe16002 <sup>34</sup>  QLogic QLE2560,QLE2562,QLE2672 <sup>33</sup>  HP AP769A <sup>1,13</sup> ,AP770A <sup>1,13</sup> ,AK344A/81Q,AJ764A/82Q,AJ762A/81E <sup>11,19</sup> ,AJ763A/82E <sup>11,19</sup> ,QR558A <sup>34</sup> ,QR559A <sup>34</sup>	UltraPath <sup>23</sup>	OceanStor S2200T	See <sup>36</sup>
			Emulex LPe12000 <sup>11,19</sup> ,LPe12002 <sup>11,19</sup> ,LPe16000 <sup>11</sup> ,LPe16002 <sup>11</sup>  QLogic QLE2560,QLE2562  HP AK344A/81Q,AJ764A/82Q,AJ762A/81E <sup>11</sup>	MPIO <sup>23,31</sup>	OceanStor S2200T	See <sup>20,21,36</sup>

			<sup>1,19</sup> ,AJ763A/82E <sup>11,19</sup> ,QR558A <sup>11</sup> ,QR559A <sup>11</sup>			
21	HP ProLiant Series	Microsoft Windows Server 2012 Standard x64 Edition	<p>Brocade 815<sup>1,13</sup>,825<sup>1,13</sup></p> <p>Emulex LPe12000<sup>11,19</sup>,LPe12002<sup>11,19</sup>,LPe16000<sup>34</sup>,LPe16002<sup>34</sup></p> <p>QLogic QLE2560,QLE2562,QLE2672<sup>33</sup></p> <p>HP AP769A<sup>1,13</sup>,AP770A<sup>1,13</sup>,AK344A/81Q,AJ764A/82Q,AJ762A/81E<sup>11,19</sup>,AJ763A/82E<sup>11,19</sup>,QR558A<sup>34</sup>,QR559A<sup>34</sup></p>	UltraPath <sup>23</sup>	OceanStor S2200T	See <sup>36</sup>
			<p>Emulex LPe12000<sup>11,19</sup>,LPe12002<sup>11,19</sup>,LPe16000<sup>11</sup>,LPe16002<sup>11</sup></p> <p>QLogic QLE2560,QLE2562</p> <p>HP AK344A/81Q,AJ764A/82Q,AJ762A/81E<sup>1,19</sup>,AJ763A/82E<sup>11,19</sup>,QR558A<sup>11</sup>,QR559A<sup>11</sup></p>	MPIO <sup>23,31</sup>	OceanStor S2200T	See <sup>20,21,36</sup>
22	HP ProLiant Series	Microsoft Windows Server 2012 Essentials x64 Edition	<p>QLogic QLE2560,QLE2562</p> <p>HP AK344A/81Q,AJ764A/82Q</p>	UltraPath <sup>23</sup>	OceanStor S2200T	See <sup>36</sup>
23	HP ProLiant Series	Microsoft Windows Server 2012 R2 Datacenter x64 Edition	<p>Emulex LPe12000<sup>11</sup>,LPe12002<sup>11</sup></p> <p>QLogic QLE2560<sup>32</sup>,QLE2562<sup>32</sup></p> <p>HP AK344A/81Q<sup>32</sup>,AJ764A/82Q<sup>32</sup>,AJ762A/81E<sup>11</sup>,AJ763A/82E<sup>11</sup></p>	MPIO	OceanStor S2200T	See <sup>20,21,36</sup>
			<p>Brocade 815<sup>1,13</sup>,825<sup>1,13</sup></p> <p>Emulex LPe12000<sup>11</sup>,LPe12002<sup>11</sup>,LPe16000,LPe16002</p> <p>QLogic QLE2560<sup>32</sup>,QLE2562<sup>32</sup>,QLE2672<sup>11</sup></p> <p>HP AP769A<sup>1,13</sup>,AP770A<sup>1,13</sup>,AJ762A/81E<sup>11</sup>,AJ763A/82E<sup>11</sup>,AK344A/81Q<sup>32</sup>,AJ764A/82Q</p>	UltraPath	OceanStor S2200T	See <sup>36</sup>

			32			
24	HP ProLiant Series	Microsoft Windows Server 2012 R2 Standard x64 Edition	Emulex LPe12000 <sup>11</sup> ,LPe12002 <sup>11</sup>  QLogic QLE2560 <sup>32</sup> ,QLE2562 <sup>32</sup>  HP AK344A/81Q <sup>32</sup> ,AJ764A/82Q <sup>32</sup> ,AJ762A/81E <sup>11</sup> ,AJ763A/82E <sup>11</sup>	MPIO	OceanStor S2200T	See <sup>20,21,36</sup>
			Brocade 815 <sup>1,13</sup> ,825 <sup>1,13</sup>  Emulex LPe12000 <sup>11</sup> ,LPe12002 <sup>11</sup> ,LPe16000,LPe16002  QLogic QLE2560 <sup>32</sup> ,QLE2562 <sup>32</sup> ,QLE2672 <sup>11</sup>  HP AP769A <sup>1,13</sup> ,AP770A <sup>1,13</sup> ,AJ762A/81E <sup>11</sup> ,AJ763A/82E <sup>11</sup> ,AK344A/81Q <sup>32</sup> ,AJ764A/82Q <sup>32</sup>	UltraPath	OceanStor S2200T	See <sup>36</sup>
25	HP ProLiant Series	Microsoft Windows 8 Enterprise x64 Edition	ATTO Celerity FC-81EN <sup>24</sup> ,FC-82EN <sup>24</sup>	UltraPath <sup>23</sup>	OceanStor S2200T	
26	HP c7000 BL460c G7	Microsoft Windows Server 2003 Enterprise x64 Edition SP2	Emulex LPe1105-HP <sup>16</sup>  HP 403621-B21 <sup>16</sup>	UltraPath	OceanStor S2200T	See <sup>8</sup>
27	HP c7000 BL460c G7	Microsoft Windows Server 2008 R2 Enterprise x64 Edition	Emulex LPe1105-HP  QLogic QMH2462  HP 403621-B21,403619-B21	UltraPath	OceanStor S2200T	

1. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
2. HBA driver version is 1.32.2.0.
3. HBA driver version is 2.3.0.0.
4. HBA driver version is 7.01.20.04-1.
5. HBA driver version is 9.1.9.27.
6. HBA driver version is 9.1.8.25.
7. HBA driver version is 2.66.2.0.
8. Microsoft storport hotfix Q957910 is required. For detail information, please see <http://support.microsoft.com/kb/957910/en-us>. To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnm=957910&kbln=en-us>.
9. HBA driver version is 2.50.2.0.
10. HBA driver version is 1.32.2.0.
11. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
12. HBA driver version is 7.2.50.7,firmware version is 2.82A4.



13. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection. The CLI command is: `chgpportparam -c controller id -if interface module id -p port id -d 500`.
14. Microsoft storport.sys hotfix Q968675 is required. For detail information, please see <http://support.microsoft.com/kb/968675/en-us> .To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnm=968675&kbln=en-us> .
15. HBA driver version is 2.50.007.
16. HBA driver version is 7.2.50.7.
17. HBA driver version is 3.1.0.0,firmware version is 3.1.0.0.
18. HBA driver version is 7.2.41.002,firmware version is 2.10A10.
19. HBA driver version is 2.72.012.001,firmware version is 1.00A11.
20. The disk storage system must enable ALUA function.
21. For the detail configuration of MPIO,please contact the technical service centre of Huawei Technologies Co., Ltd..
22. Microsoft storport.sys hotfix Q931311 is required. For detail information, please see <http://support.microsoft.com/kb/931311/en-us> .To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnm=931311&kbln=en-us> .
23. It is required to install KB2822241 if KB2779768 has been installed in the server, otherwise the MultiPath Software will not take effect. To obtain this hotfix, fill out the hotfix request form at <http://www.microsoft.com/en-us/download/details.aspx?id=38240> .
24. HBA driver version is 1.50.2.0.
25. QLogic does not claim to support this operating system.
26. HBA driver version is 7.2.42.0.
27. HBA driver version is 2.74.014.001.
28. HBA driver version is 1.3.2.
29. It is required to install the UltraPath and configure the foundation “IO Suspension” to 60s.
30. After installing the HBA driver, it is required to configure the “TimeOutValue” to 60(decimal) which is located at HKEY\_LOCAL\_MACHINE\System\CurrentControlSet\Services\Disk\ in the OS’s REGEDIT.
31. Microsoft storport.sys hotfix Q2821052 is required. For detail information, please see <http://support.microsoft.com/kb/2821052/EN-US> .To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnm=2821052&kbln=en-us> .
32. HBA driver version is 9.1.11.28.
33. HBA driver version is 9.1.11.24.
34. HBA driver version is 2.74.014.001.
35. Microsoft storport.sys hotfix Q978500 is required. For detail information, please see <http://support.microsoft.com/kb/978500/EN-US> .To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnm=978500&kbln=en-us> .
36. The disk storage system is not support the function of Thin Provision.

## Huawei

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Huawei RH Series	Microsoft Windows Server 2003 Enterprise x64 Edition SP2	ATTO Celerity FC-41ES <sup>9</sup> ,FC-42ES <sup>9</sup> ,FC-81EN <sup>10</sup> ,FC-82EN <sup>10</sup>  Brocade 415 <sup>1,3,13</sup> ,425 <sup>1,3,13</sup>  Emulex LP9802 <sup>25</sup> ,LP11000,LP11002,LP1150 <sup>4</sup> ,LPe11000,LPe111 <sup>4</sup> ,LPe1150 <sup>4</sup> ,LPe11002,LPe1	UltraPath	OceanStor S2200T	See <sup>8,21</sup>

			2000 <sup>11</sup> ,LPe12002 <sup>11</sup>  QLogic QLA2460 <sup>6</sup> ,QLA2462 <sup>6</sup> ,QLE2460 <sup>6</sup> ,QLE2462 <sup>6</sup> ,QLE2560 <sup>6</sup> ,QLE2562 <sup>6</sup>			
2	Huawei RH Series	Microsoft Windows Server 2003 Standard x64 Edition SP2	ATTO Celerity FC-41ES <sup>9</sup> ,FC-42ES <sup>9</sup> ,FC-81EN <sup>10</sup> ,FC-82EN <sup>10</sup>  Brocade 415 <sup>1,3,13</sup> ,425 <sup>1,3,13</sup>  Emulex LP9802 <sup>25</sup> ,LP11000,LP11002,LP1150 <sup>4</sup> ,LPe11000,LPe111 <sup>4</sup> ,LPe1150 <sup>4</sup> ,LPe11002,LPe12000 <sup>11</sup> ,LPe12002 <sup>11</sup>  QLogic QLA2460 <sup>6</sup> ,QLA2462 <sup>6</sup> ,QLE2460 <sup>6</sup> ,QLE2462 <sup>6</sup> ,QLE2560 <sup>6</sup> ,QLE2562 <sup>6</sup>	UltraPath	OceanStor S2200T	See <sup>8,21</sup>
3	Huawei RH Series	Microsoft Windows Server 2003 Datacenter x64 Edition SP2	ATTO Celerity FC-41ES <sup>9</sup> ,FC-42ES <sup>9</sup> ,FC-81EN <sup>10</sup> ,FC-82EN <sup>10</sup>  Brocade 415 <sup>1,3,13</sup> ,425 <sup>1,3,13</sup>  Emulex LP9802 <sup>25</sup> ,LP11000,LP11002,LP1150 <sup>4</sup> ,LPe11000,LPe111 <sup>4</sup> ,LPe1150 <sup>4</sup> ,LPe11002,LPe12000 <sup>11</sup> ,LPe12002 <sup>11</sup>  QLogic QLA2460 <sup>6</sup> ,QLA2462 <sup>6</sup> ,QLE2460 <sup>6</sup> ,QLE2462 <sup>6</sup> ,QLE2560 <sup>6</sup> ,QLE2562 <sup>6</sup>	UltraPath	OceanStor S2200T	See <sup>8,21</sup>
4	Huawei RH Series	Microsoft Windows Server 2003 R2 Enterprise x64 Edition SP2	ATTO Celerity FC-41ES <sup>9</sup> ,FC-42ES <sup>9</sup> ,FC-81EN <sup>10</sup> ,FC-82EN <sup>10</sup>  Brocade 415 <sup>1,3,13</sup> ,425 <sup>1,3,13</sup>  Emulex LP11000,LP11002,LP1150 <sup>17</sup> ,LPe11000,LPe111 <sup>4</sup> ,LPe1150 <sup>4,13</sup> ,LPe11002,LPe12000 <sup>11</sup> ,LPe12002 <sup>11</sup>	UltraPath	OceanStor S2200T	See <sup>8</sup>

			QLogic QLA2460 <sup>6</sup> ,QLA2462 <sup>6</sup> ,QLE2460 <sup>6</sup> ,QLE2462 <sup>6</sup> ,QLE2560 <sup>6</sup> ,QLE2562 <sup>6</sup>			
5	Huawei RH Series	Microsoft Windows Server 2003 R2 Standard x64 Edition SP2	ATTO Celerity FC-41ES <sup>9</sup> ,FC-42ES <sup>9</sup> ,FC-81EN <sup>10</sup> ,FC-82EN <sup>10</sup>  Brocade 415 <sup>1,3,13</sup> ,425 <sup>1,3,13</sup>  Emulex LP11000,LP11002,LP1150 <sup>17</sup> ,LPe11000,LPe111 <sup>4</sup> ,LPe1150 <sup>4,13</sup> ,LPe11002,LPe12000 <sup>11</sup> ,LPe12002 <sup>11</sup>  QLogic QLA2460 <sup>6</sup> ,QLA2462 <sup>6</sup> ,QLE2460 <sup>6</sup> ,QLE2462 <sup>6</sup> ,QLE2560 <sup>6</sup> ,QLE2562 <sup>6</sup>	UltraPath	OceanStor S2200T	See <sup>8</sup>
6	Huawei RH Series	Microsoft Windows Server 2003 R2 Datacenter x64 Edition SP2	ATTO Celerity FC-41ES <sup>9</sup> ,FC-42ES <sup>9</sup> ,FC-81EN <sup>10</sup> ,FC-82EN <sup>10</sup>  Brocade 415 <sup>1,3,13</sup> ,425 <sup>1,3,13</sup>  Emulex LP11000,LP11002,LP1150 <sup>17</sup> ,LPe11000,LPe111 <sup>4</sup> ,LPe1150 <sup>4,13</sup> ,LPe11002,LPe12000 <sup>11</sup> ,LPe12002 <sup>11</sup>  QLogic QLA2460 <sup>6</sup> ,QLA2462 <sup>6</sup> ,QLE2460 <sup>6</sup> ,QLE2462 <sup>6</sup> ,QLE2560 <sup>6</sup> ,QLE2562 <sup>6</sup>	UltraPath	OceanStor S2200T	See <sup>8</sup>
7	Huawei RH Series	Microsoft Windows Server 2008 Enterprise x64 Edition SP2	Brocade 415 <sup>1,3,13</sup> ,425 <sup>1,3,13</sup> ,815 <sup>1,3,13</sup> ,825 <sup>1,3,13</sup>  Emulex LP11000 <sup>12</sup> ,LP11002 <sup>12</sup> ,LP1150 <sup>15</sup> ,LPe11000 <sup>12</sup> ,LPe11002 <sup>12</sup> ,LPe111,LPe1150 <sup>15</sup> ,LPe12000 <sup>11</sup> ,LPe12002 <sup>11</sup> ,LPe1250 <sup>11</sup>  QLogic QLA2460 <sup>5</sup> ,QLA2462 <sup>5</sup> ,QLE2460 <sup>5</sup> ,QLE2462 <sup>5</sup> ,QLE2560 <sup>5</sup> ,QLE2562 <sup>5</sup>	UltraPath	OceanStor S2200T	See <sup>14</sup>
8	Huawei RH Series	Microsoft Windows Server 2008 Standard x64 Edition SP2	Brocade 415 <sup>1,3,13</sup> ,425 <sup>1,3,13</sup> ,815 <sup>1,3,13</sup> ,825 <sup>1,3,13</sup>  Emulex LP11000 <sup>12</sup> ,LP11002 <sup>12</sup> ,	UltraPath	OceanStor S2200T	See <sup>14</sup>

			<p>LP1150<sup>15</sup>,LPe11000<sup>12</sup>,LPe11002<sup>12</sup>,LPe111, LPe1150<sup>15</sup>,LPe12000<sup>11</sup>,LPe12002<sup>11</sup>,LPe12 50<sup>11</sup></p> <p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE246 2<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p>			
9	Huawei RH Series	Microsoft Windows Server 2008 Datacenter x64 Edition SP2	<p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup>,815<sup>1,3,13</sup>,825<sup>1,3,13</sup></p> <p>Emulex LP11000<sup>12</sup>,LP11002<sup>12</sup>, LP1150<sup>15</sup>,LPe11000<sup>12</sup>,LPe11002<sup>12</sup>,LPe111, LPe1150<sup>15</sup>,LPe12000<sup>11</sup>,LPe12002<sup>11</sup>,LPe12 50<sup>11</sup></p> <p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE246 2<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p>	UltraPath	OceanStor S2200T	See <sup>14</sup>
10	Huawei RH Series	Microsoft Windows Server 2008 R2 Enterprise x64 Edition	<p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup>,815<sup>1,3,13</sup>,825<sup>1,3,13</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe 11002,LPe111,LPe1150,LPe12000<sup>11</sup>,LPe1 2002<sup>11</sup>,LPe1250<sup>11</sup></p> <p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE246 2<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p>	UltraPath	OceanStor S2200T	
			QLogic QLE2560,QLE2562	MPIO <sup>31</sup>	OceanStor S2200T	See <sup>19,20,36</sup>
11	Huawei RH Series	Microsoft Windows Server 2008 R2 Standard x64 Edition	<p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup>,815<sup>1,3,13</sup>,825<sup>1,3,13</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe 11002,LPe111,LPe1150,LPe12000<sup>11</sup>,LPe1 2002<sup>11</sup>,LPe1250<sup>11</sup></p> <p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE246 2<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p>	UltraPath	OceanStor S2200T	
			QLogic QLE2560,QLE2562	MPIO <sup>31</sup>	OceanStor S2200T	See <sup>19,20,36</sup>
12	Huawei RH Series	Microsoft Windows Server 2008 R2 Datacenter x64 Edition	<p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup>,815<sup>1,3,13</sup>,825<sup>1,3,13</sup></p> <p>Emulex</p>	UltraPath	OceanStor S2200T	

			<p>LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe111,LPe1150,LPe12000<sup>11</sup>,LPe12002<sup>11</sup>,LPe1250<sup>11</sup></p> <p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p>			
			QLogic QLE2560,QLE2562	MPIO <sup>31</sup>	OceanStor S2200T	See <sup>19,20,36</sup>
13	Huawei RH Series	Microsoft Windows Server 2008 R2 Enterprise x64 Edition SP1	<p>ATTO Celerity FC-41ES<sup>7,29</sup>,FC-42ES<sup>7,29</sup>,FC-81EN<sup>2,29</sup>,FC-82EN<sup>2,29</sup>,FC-161E<sup>27,28,29</sup>,FC-162E<sup>27,28,29</sup></p> <p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup>,815<sup>1,3,13</sup>,825<sup>1,3,13</sup>,1860-1<sup>16</sup>,1860-2<sup>16</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe111,LPe1150,LPe12000<sup>11</sup>,LPe12002<sup>11</sup>,LPe1250<sup>11</sup>,LPe16000<sup>26</sup>,LPe16002<sup>26</sup></p> <p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p>	UltraPath	OceanStor S2200T	
			<p>Emulex LPe12000<sup>11</sup>,LPe12002<sup>11</sup></p> <p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p>	MPIO	OceanStor S2200T	See <sup>19,20</sup>
14	Huawei RH Series	Microsoft Windows Server 2008 R2 Standard x64 Edition SP1	<p>ATTO Celerity FC-41ES<sup>7,29</sup>,FC-42ES<sup>7,29</sup>,FC-81EN<sup>2,29</sup>,FC-82EN<sup>2,29</sup>,FC-161E<sup>27,28,29</sup>,FC-162E<sup>27,28,29</sup></p> <p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup>,815<sup>1,3,13</sup>,825<sup>1,3,13</sup>,1860-1<sup>16</sup>,1860-2<sup>16</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe111,LPe1150,LPe12000<sup>11</sup>,LPe12002<sup>11</sup>,LPe1250<sup>11</sup>,LPe16000<sup>26</sup>,LPe16002<sup>26</sup></p> <p>QLogic</p>	UltraPath	OceanStor S2200T	

			QLA2460 <sup>5</sup> ,QLA2462 <sup>5</sup> ,QLE2460 <sup>5</sup> ,QLE2462 <sup>5</sup> ,QLE2560 <sup>5</sup> ,QLE2562 <sup>5</sup>			
			Emulex LPe12000 <sup>11</sup> ,LPe12002 <sup>11</sup>	MPIO	OceanStor S2200T	See <sup>19,20</sup>
			QLogic QLA2460 <sup>5</sup> ,QLA2462 <sup>5</sup> ,QLE2460 <sup>5</sup> ,QLE2462 <sup>5</sup> ,QLE2560 <sup>5</sup> ,QLE2562 <sup>5</sup>			
15	Huawei RH Series	Microsoft Windows Server 2008 R2 Datacenter x64 Edition SP1	ATTO Celerity FC-41ES <sup>7,29</sup> ,FC-42ES <sup>7,29</sup> ,FC-81EN <sup>2,29</sup> ,FC-82EN <sup>2,29</sup> ,FC-161E <sup>27,28,29</sup> ,FC-162E <sup>27,28,29</sup>	UltraPath	OceanStor S2200T	
			Brocade 415 <sup>1,3,13</sup> ,425 <sup>1,3,13</sup> ,815 <sup>1,3,13</sup> ,825 <sup>1,3,13</sup> ,1860-1 <sup>16</sup> ,1860-2 <sup>16</sup>			
			Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe111,LPe1150,LPe12000 <sup>11</sup> ,LPe12002 <sup>11</sup> ,LPe1250 <sup>11</sup> ,LPe16000 <sup>26</sup> ,LPe16002 <sup>26</sup>			
			QLogic QLA2460 <sup>5</sup> ,QLA2462 <sup>5</sup> ,QLE2460 <sup>5</sup> ,QLE2462 <sup>5</sup> ,QLE2560 <sup>5</sup> ,QLE2562 <sup>5</sup>			
			Emulex LPe12000 <sup>11</sup> ,LPe12002 <sup>11</sup>	MPIO	OceanStor S2200T	See <sup>19,20</sup>
			QLogic QLA2460 <sup>5</sup> ,QLA2462 <sup>5</sup> ,QLE2460 <sup>5</sup> ,QLE2462 <sup>5</sup> ,QLE2560 <sup>5</sup> ,QLE2562 <sup>5</sup>			
16	Huawei RH Series	Microsoft Windows Storage Server 2008 R2 Essentials x64 Edition SP1	Emulex LPe12000 <sup>11</sup> ,LPe12002 <sup>11</sup>	UltraPath	OceanStor S2200T	
17	Huawei RH Series	Microsoft Windows 7 Enterprise x64 Edition SP1	Emulex LP11000,LP11002,LPe11000,LPe11002	UltraPath	OceanStor S2200T	
18	Huawei RH Series	Microsoft Windows 7 Professional x64 Edition SP1	Emulex LP1250 <sup>11</sup>	UltraPath	OceanStor S2200T	See <sup>24</sup>
			QLogic QLA2460,QLA2462,QLE2460,QLE2462			
19	Huawei RH Series	Microsoft Windows Small Business Server 2011 Essentials SP1	Emulex LPe12000 <sup>11</sup> ,LPe12002 <sup>11</sup>	UltraPath	OceanStor S2200T	
			QLogic QLE2560 <sup>5</sup> ,QLE2562 <sup>5</sup>			
20	Huawei RH Series	Microsoft Windows Server 2012 Datacenter x64 Edition	Brocade 815 <sup>1,13</sup> ,825 <sup>1,13</sup>	UltraPath <sup>22</sup>	OceanStor S2200T	See <sup>37</sup>
			Emulex LPe12000 <sup>11,18</sup> ,LPe12002 <sup>11,18</sup> ,LPe16000 <sup>35</sup> ,L			

			Pe16002 <sup>35</sup>  QLogic QLE2560,QLE2562,QLE2672 <sup>34</sup>			
			Emulex LPe12000 <sup>11,18</sup> ,LPe12002 <sup>11,18</sup> ,LPe16000 <sup>11</sup> ,LPe16002 <sup>11</sup>  QLogic QLE2560,QLE2562	MPIO <sup>22,31</sup>	OceanStor S2200T	See <sup>19,20,37</sup>
21	Huawei RH Series	Microsoft Windows Server 2012 Standard x64 Edition	Brocade 815 <sup>1,13</sup> ,825 <sup>1,13</sup>  Emulex LPe12000 <sup>11,18</sup> ,LPe12002 <sup>11,18</sup> ,LPe16000 <sup>35</sup> ,LPe16002 <sup>35</sup>  QLogic QLE2560,QLE2562,QLE2672 <sup>34</sup>	UltraPath <sup>22</sup>	OceanStor S2200T	See <sup>37</sup>
			Emulex LPe12000 <sup>11,18</sup> ,LPe12002 <sup>11,18</sup> ,LPe16000 <sup>11</sup> ,LPe16002 <sup>11</sup>  QLogic QLE2560,QLE2562	MPIO <sup>22,31</sup>	OceanStor S2200T	See <sup>19,20,37</sup>
22	Huawei RH Series	Microsoft Windows Server 2012 Essentials x64 Edition	QLogic QLE2560 <sup>32</sup> ,QLE2562 <sup>32</sup>	MPIO	OceanStor S2200T	See <sup>37</sup>
23	Huawei RH Series	Microsoft Windows Server 2012 R2 Datacenter x64 Edition	QLogic QLE2560 <sup>32</sup> ,QLE2562 <sup>32</sup>  Emulex LPe12000 <sup>11</sup> ,LPe12002 <sup>11</sup>	MPIO	OceanStor S2200T	See <sup>19,20,37</sup>
			Brocade 815 <sup>1,13</sup> ,825 <sup>1,13</sup>  Emulex LPe12000 <sup>11</sup> ,LPe12002 <sup>11</sup> ,LPe16000,LPe16002  QLogic QLE2560 <sup>32</sup> ,QLE2562 <sup>32</sup> ,QLE2672 <sup>11</sup>	UltraPath	OceanStor S2200T	See <sup>37</sup>
24	Huawei RH Series	Microsoft Windows Server 2012 R2 Standard x64 Edition	QLogic QLE2560 <sup>32</sup> ,QLE2562 <sup>32</sup>  Emulex LPe12000 <sup>11</sup> ,LPe12002 <sup>11</sup>	MPIO	OceanStor S2200T	See <sup>19,20,37</sup>
			Brocade 815 <sup>1,13</sup> ,825 <sup>1,13</sup>  Emulex LPe12000 <sup>11</sup> ,LPe12002 <sup>11</sup> ,LPe16000,LPe16002  QLogic QLE2560 <sup>32</sup> ,QLE2562 <sup>32</sup> ,QLE2672 <sup>11</sup>	UltraPath	OceanStor S2200T	See <sup>37</sup>

25	Huawei RH Series	Microsoft Windows 8 Enterprise x64 Edition	ATTO Celerity FC-81EN <sup>23</sup> ,FC-82EN <sup>23</sup>	UltraPath <sup>22</sup>	OceanStor S2200T	
26	Huawei E6000 BH620	Microsoft Windows Server 2003 R2 Enterprise x64 Edition SP2	Huawei QFMA	UltraPath	OceanStor S2200T	
27	Huawei E6000 BH620	Microsoft Windows Server 2008 Enterprise x64 Edition SP2	Huawei QFMA	UltraPath	OceanStor S2200T	See <sup>14</sup>
28	Huawei E6000 BH620	Microsoft Windows Server 2008 R2 Enterprise x64 Edition	Huawei QFMA	UltraPath	OceanStor S2200T	
29	Huawei E6000 BH622V2	Microsoft Windows Server 2008 R2 Enterprise x64 Edition	Huawei MU221	UltraPath	OceanStor S2200T	
30	Huawei E6000 BH622V2	Microsoft Windows Server 2008 R2 Enterprise x64 Edition SP1	Huawei MU220	UltraPath	OceanStor S2200T	
31	Huawei T8000 BH23	Microsoft Windows Server 2008 R2 Enterprise x64 Edition	Huawei QFMA,QFMB	UltraPath	OceanStor S2200T	
32	Huawei E9000 CH121	Microsoft Windows Server 2008 R2 Enterprise x64 Edition SP1	Huawei MZ510 <sup>30</sup>	UltraPath	OceanStor S2200T	
33	Huawei E9000 CH121	Microsoft Windows Server 2012 Standard x64 Edition	Huawei MZ510 <sup>33</sup>	UltraPath	OceanStor S2200T	See <sup>37</sup>

1. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
2. HBA driver version is 1.32.2.0.
3. HBA driver version is 2.3.0.0.
4. HBA driver version is 7.01.20.04-1.
5. HBA driver version is 9.1.9.27.
6. HBA driver version is 9.1.8.25.
7. HBA driver version is 2.66.2.0.
8. Microsoft storport hotfix Q957910 is required. For detail information, please see <http://support.microsoft.com/kb/957910/en-us> . To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnm=957910&kbln=en-us> .
9. HBA driver version is 2.50.2.0.
10. HBA driver version is 1.32.2.0.
11. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
12. HBA driver version is 7.2.50.7,firmware version is 2.82A4.
13. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection.The CLI command is:chgportparam -c controller id -if interface module id -p port id -d 500.
14. Microsoft storport.sys hotfix Q968675 is required. For detail information, please see <http://support.microsoft.com/kb/968675/en-us> . To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnm=968675&kbln=en-us> .
15. HBA driver version is 2.50.007.
16. HBA driver version is 3.1.0.0,firmware version is 3.1.0.0.
17. HBA driver version is7.2.41.002,firmware version is 2.10A10.
18. HBA driver version is 2.72.012.001,firmware version is 1.00A11.



19. The disk storage system must enable ALUA function.
20. For the detail configuration of MPIO, please contact the technical service centre of Huawei Technologies Co., Ltd..
21. Microsoft storport.sys hotfix Q931311 is required. For detail information, please see <http://support.microsoft.com/kb/931311/en-us> .To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnm=931311&kbln=en-us> .
22. It is required to install KB2822241 if KB2779768 has been installed in the server, otherwise the MultiPath Software will not take effect. To obtain this hotfix, fill out the hotfix request form at <http://www.microsoft.com/en-us/download/details.aspx?id=38240> .
23. HBA driver version is 1.50.2.0.
24. QLogic does not claim to support this operating system.
25. HBA driver version is 7.2.42.0.
26. HBA driver version is 2.74.014.001.
27. HBA driver version is 1.3.2.
28. It is required to install the UltraPath and configure the foundation "IO Suspension" to 60s.
29. After installing the HBA driver, it is required to configure the "TimeOutValue" to 60(decimal) which is located at HKEY\_LOCAL\_MACHINE\System\CurrentControlSet\Services\Disk\ in the OS's REGEDIT.
30. HBA driver version is 2.74.011.002.
31. Microsoft storport.sys hotfix Q2821052 is required. For detail information, please see <http://support.microsoft.com/kb/2821052/EN-US> .To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnm=2821052&kbln=en-us> .
32. HBA driver version is 9.1.11.28.
33. HBA driver version is 2.76.2.1.
34. HBA driver version is 9.1.11.24.
35. HBA driver version is 2.74.014.001.
36. Microsoft storport.sys hotfix Q978500 is required. For detail information, please see <http://support.microsoft.com/kb/978500/EN-US> .To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnm=978500&kbln=en-us> .
37. The disk storage system is not support the function of Thin Provision.

## IBM

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	IBM xSeries	Microsoft Windows Server 2003 Enterprise x64 Edition SP2	ATTO Celerity FC-41ES <sup>9</sup> ,FC-42ES <sup>9</sup> ,FC-81EN <sup>10</sup> ,FC-82EN <sup>10</sup>  Brocade 415 <sup>1,3,13</sup> ,425 <sup>1,3,13</sup>  Emulex LP9802 <sup>25</sup> ,LP11000,LP11002,LP1150 <sup>4</sup> ,LPe11000,LPe111 <sup>4</sup> ,LPe1150 <sup>4</sup> ,LPe11002,LPe12000 <sup>11</sup> ,LPe12002 <sup>11</sup>  QLogic QLA2460 <sup>6</sup> ,QLA2462 <sup>6</sup> ,QLE2460 <sup>6</sup> ,QLE2462 <sup>6</sup> ,QLE2560 <sup>6</sup> ,QLE2562 <sup>6</sup>  IBM	UltraPath	OceanStor S2200T	See <sup>8,21</sup>

			39M5894 <sup>6</sup> ,39M5895 <sup>6</sup> ,39R6525 <sup>6</sup> ,39R6527 <sup>6</sup> ,42C2069,42C2071,42D0405,42D0407,42D0485 <sup>11</sup> ,42D0494 <sup>11</sup> ,42D0501 <sup>6</sup> ,42D0510 <sup>6</sup> ,59Y1987 <sup>1,3,13</sup> ,59Y1993 <sup>1,3,13</sup>			
2	IBM xSeries	Microsoft Windows Server 2003 Standard x64 Edition SP2	<p>ATTO Celerity FC-41ES<sup>9</sup>,FC-42ES<sup>9</sup>,FC-81EN<sup>10</sup>,FC-82EN<sup>10</sup></p> <p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup></p> <p>Emulex LP9802<sup>25</sup>,LP11000,LP11002,LP1150<sup>4</sup>,LPe11000,LPe111<sup>4</sup>,LPe1150<sup>4</sup>,LPe11002,LPe12000<sup>11</sup>,LPe12002<sup>11</sup></p> <p>QLogic QLA2460<sup>6</sup>,QLA2462<sup>6</sup>,QLE2460<sup>6</sup>,QLE2462<sup>6</sup>,QLE2560<sup>6</sup>,QLE2562<sup>6</sup></p> <p>IBM 39M5894<sup>6</sup>,39M5895<sup>6</sup>,39R6525<sup>6</sup>,39R6527<sup>6</sup>,42C2069,42C2071,42D0405,42D0407,42D0485<sup>11</sup>,42D0494<sup>11</sup>,42D0501<sup>6</sup>,42D0510<sup>6</sup>,59Y1987<sup>1,3,13</sup>,59Y1993<sup>1,3,13</sup></p>	UltraPath	OceanStor S2200T	See <sup>8,21</sup>
3	IBM xSeries	Microsoft Windows Server 2003 Datacenter x64 Edition SP2	<p>ATTO Celerity FC-41ES<sup>9</sup>,FC-42ES<sup>9</sup>,FC-81EN<sup>10</sup>,FC-82EN<sup>10</sup></p> <p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup></p> <p>Emulex LP9802<sup>25</sup>,LP11000,LP11002,LP1150<sup>4</sup>,LPe11000,LPe111<sup>4</sup>,LPe1150<sup>4</sup>,LPe11002,LPe12000<sup>11</sup>,LPe12002<sup>11</sup></p> <p>QLogic QLA2460<sup>6</sup>,QLA2462<sup>6</sup>,QLE2460<sup>6</sup>,QLE2462<sup>6</sup>,QLE2560<sup>6</sup>,QLE2562<sup>6</sup></p> <p>IBM 39M5894<sup>6</sup>,39M5895<sup>6</sup>,39R6525<sup>6</sup>,39R6527<sup>6</sup>,42C2069,42C2071,42D0405,42D0407,42D0485<sup>11</sup>,42D0494<sup>11</sup>,42D0501<sup>6</sup>,42D0510<sup>6</sup>,59Y1987<sup>1,3,13</sup>,59Y1993<sup>1,3,13</sup></p>	UltraPath	OceanStor S2200T	See <sup>8,21</sup>

4	IBM xSeries	Microsoft Windows Server 2003 R2 Enterprise x64 Edition SP2	<p>ATTO Celerity FC-41ES<sup>9</sup>,FC-42ES<sup>9</sup>,FC-81EN<sup>10</sup>,FC-82EN<sup>10</sup></p> <p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup></p> <p>Emulex LP11000,LP11002,LP1150<sup>17</sup>,LPe11000,LPe111<sup>4</sup>,LPe1150<sup>4,13</sup>,LPe11002,LPe12000<sup>11</sup>,LPe12002<sup>11</sup></p> <p>QLogic QLA2460<sup>6</sup>,QLA2462<sup>6</sup>,QLE2460<sup>6</sup>,QLE2462<sup>6</sup>,QLE2560<sup>6</sup>,QLE2562<sup>6</sup></p> <p>IBM 39M5894<sup>6</sup>,39M5895<sup>6</sup>,39R6525<sup>6</sup>,39R6527<sup>6</sup>,42C2069,42C2071,42D0405,42D0407,42D0485<sup>11</sup>,42D0494<sup>11</sup>,42D0501<sup>6</sup>,42D0510<sup>6</sup>,59Y1987<sup>1,3,13</sup>,59Y1993<sup>1,3,13</sup></p>	UltraPath	OceanStor S2200T	See <sup>8</sup>
5	IBM xSeries	Microsoft Windows Server 2003 R2 Standard x64 Edition SP2	<p>ATTO Celerity FC-41ES<sup>9</sup>,FC-42ES<sup>9</sup>,FC-81EN<sup>10</sup>,FC-82EN<sup>10</sup></p> <p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup></p> <p>Emulex LP11000,LP11002,LP1150<sup>17</sup>,LPe11000,LPe111<sup>4</sup>,LPe1150<sup>4,13</sup>,LPe11002,LPe12000<sup>11</sup>,LPe12002<sup>11</sup></p> <p>QLogic QLA2460<sup>6</sup>,QLA2462<sup>6</sup>,QLE2460<sup>6</sup>,QLE2462<sup>6</sup>,QLE2560<sup>6</sup>,QLE2562<sup>6</sup></p> <p>IBM 39M5894<sup>6</sup>,39M5895<sup>6</sup>,39R6525<sup>6</sup>,39R6527<sup>6</sup>,42C2069,42C2071,42D0405,42D0407,42D0485<sup>11</sup>,42D0494<sup>11</sup>,42D0501<sup>6</sup>,42D0510<sup>6</sup>,59Y1987<sup>1,3,13</sup>,59Y1993<sup>1,3,13</sup></p>	UltraPath	OceanStor S2200T	See <sup>8</sup>
6	IBM xSeries	Microsoft Windows Server 2003 R2 Datacenter x64 Edition SP2	<p>ATTO Celerity FC-41ES<sup>9</sup>,FC-42ES<sup>9</sup>,FC-81EN<sup>10</sup>,FC-82EN<sup>10</sup></p>	UltraPath	OceanStor S2200T	See <sup>8</sup>

			<p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup></p> <p>Emulex LP11000,LP11002,LP1150<sup>17</sup>,LPe11000,LPe111<sup>4</sup>,LPe1150<sup>4,13</sup>,LPe11002,LPe12000<sup>11</sup>,LPe12002<sup>11</sup></p> <p>QLogic QLA2460<sup>6</sup>,QLA2462<sup>6</sup>,QLE2460<sup>6</sup>,QLE2462<sup>6</sup>,QLE2560<sup>6</sup>,QLE2562<sup>6</sup></p> <p>IBM 39M5894<sup>6</sup>,39M5895<sup>6</sup>,39R6525<sup>6</sup>,39R6527<sup>6</sup>,42C2069,42C2071,42D0405,42D0407,42D0485<sup>11</sup>,42D0494<sup>11</sup>,42D0501<sup>6</sup>,42D0510<sup>6</sup>,59Y1987<sup>1,3,13</sup>,59Y1993<sup>1,3,13</sup></p>			
7	IBM xSeries	Microsoft Windows Server 2008 Enterprise x64 Edition SP2	<p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup>,815<sup>1,3,13</sup>,825<sup>1,3,13</sup></p> <p>Emulex LP11000<sup>12</sup>,LP11002<sup>12</sup>,LP1150<sup>15</sup>,LPe11000<sup>12</sup>,LPe11002<sup>12</sup>,LPe111,LPe1150<sup>15</sup>,LPe12000<sup>11</sup>,LPe12002<sup>11</sup>,LPe1250<sup>11</sup></p> <p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>IBM 39M5894<sup>5</sup>,39M5895<sup>5</sup>,39R6525<sup>5</sup>,39R6527<sup>5</sup>,42C2069<sup>12,13</sup>,42C2071<sup>12,13</sup>,42D0405<sup>12,13</sup>,42D0407<sup>12,13</sup>,42D0485<sup>11</sup>,42D0494<sup>11</sup>,42D0501<sup>5</sup>,42D0510<sup>5</sup>,59Y1987<sup>1,3,13</sup>,59Y1993<sup>1,3,13</sup>,46M6049<sup>1,3,13</sup>,46M6050<sup>1,3,13</sup></p>	UltraPath	OceanStor S2200T	See <sup>14</sup>
8	IBM xSeries	Microsoft Windows Server 2008 Standard x64 Edition SP2	<p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup>,815<sup>1,3,13</sup>,825<sup>1,3,13</sup></p> <p>Emulex LP11000<sup>12</sup>,LP11002<sup>12</sup>,LP1150<sup>15</sup>,LPe11000<sup>12</sup>,LPe11002<sup>12</sup>,LPe111,LPe1150<sup>15</sup>,LPe12000<sup>11</sup>,LPe12002<sup>11</sup>,LPe1250<sup>11</sup></p> <p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p>	UltraPath	OceanStor S2200T	See <sup>14</sup>

			<p>IBM</p> <p>39M5894<sup>5</sup>,39M5895<sup>5</sup>,39R6525<sup>5</sup>,39R6527<sup>5</sup>,42C2069<sup>12,13</sup>,42C2071<sup>12,13</sup>,42D0405<sup>12,13</sup>,42D0407<sup>12,13</sup>,42D0485<sup>11</sup>,42D0494<sup>11</sup>,42D0501<sup>5</sup>,42D0510<sup>5</sup>,59Y1987<sup>1,3,13</sup>,59Y1993<sup>1,3,13</sup>,46M6049<sup>1,3,13</sup>,46M6050<sup>1,3,13</sup></p>			
9	IBM xSeries	Microsoft Windows Server 2008 Datacenter x64 Edition SP2	<p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup>,815<sup>1,3,13</sup>,825<sup>1,3,13</sup></p> <p>Emulex</p> <p>LP11000<sup>12</sup>,LP11002<sup>12</sup>,LP1150<sup>15</sup>,LPe11000<sup>12</sup>,LPe11002<sup>12</sup>,LPe111,LPe1150<sup>15</sup>,LPe12000<sup>11</sup>,LPe12002<sup>11</sup>,LPe1250<sup>11</sup></p> <p>QLogic</p> <p>QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>IBM</p> <p>39M5894<sup>5</sup>,39M5895<sup>5</sup>,39R6525<sup>5</sup>,39R6527<sup>5</sup>,42C2069<sup>12</sup>,42C2071<sup>12</sup>,42D0405<sup>12</sup>,42D0407<sup>12</sup>,42D0485<sup>11</sup>,42D0494<sup>11</sup>,42D0501<sup>5</sup>,42D0510<sup>5</sup>,59Y1987<sup>1,3,13</sup>,59Y1993<sup>1,3,13</sup>,46M6049<sup>1,3,13</sup>,46M6050<sup>1,3,13</sup></p>	UltraPath	OceanStor S2200T	See <sup>14</sup>
10	IBM xSeries	Microsoft Windows Server 2008 R2 Enterprise x64 Edition	<p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup>,815<sup>1,3,13</sup>,825<sup>1,3,13</sup></p> <p>Emulex</p> <p>LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe111,LPe1150,LPe12000<sup>11</sup>,LPe12002<sup>11</sup>,LPe1250<sup>11</sup></p> <p>QLogic</p> <p>QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>IBM</p> <p>39M5894<sup>5</sup>,39M5895<sup>5</sup>,39R6525<sup>5</sup>,39R6527<sup>5</sup>,42C2069,42C2071,42D0405,42D0407,42D0485<sup>11</sup>,42D0494<sup>11</sup>,42D0501<sup>5</sup>,42D0510<sup>5</sup>,59Y1987<sup>1,3,13</sup>,59Y1993<sup>1,3,13</sup>,46M6049<sup>1,3,13</sup>,46M6050<sup>1,3,13</sup></p>	UltraPath	OceanStor S2200T	
			QLogic QLE2560,QLE2562	MPIO <sup>30</sup>	OceanStor S2200T	See <sup>19,20,34</sup>
			IBM 42D0501,42D0510			
11	IBM xSeries	Microsoft Windows Server	Brocade 415 <sup>1,3,13</sup> ,425 <sup>1,3,13</sup> ,815 <sup>1,3,13</sup> ,825 <sup>1,3,13</sup>	UltraPath	OceanStor S2200T	

		2008 R2 Standard x64 Edition	<p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe111,LPe1150,LPe12000<sup>11</sup>,LPe12002<sup>11</sup>,LPe1250<sup>11</sup></p> <p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>IBM 39M5894<sup>5</sup>,39M5895<sup>5</sup>,39R6525<sup>5</sup>,39R6527<sup>5</sup>,42C2069,42C2071,42D0405,42D0407,42D0485<sup>11</sup>,42D0494<sup>11</sup>,42D0501<sup>5</sup>,42D0510<sup>5</sup>,59Y1987<sup>1,3,13</sup>,59Y1993<sup>1,3,13</sup>,46M6049<sup>1,3,13</sup>,46M6050<sup>1,3,13</sup></p>			
			<p>QLogic QLE2560,QLE2562</p> <p>IBM 42D0501,42D0510</p>	MPIO <sup>30</sup>	OceanStor S2200T	See <sup>19,20,34</sup>
12	IBM xSeries	Microsoft Windows Server 2008 R2 Datacenter x64 Edition	<p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup>,815<sup>1,3,13</sup>,825<sup>1,3,13</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe111,LPe1150,LPe12000<sup>11</sup>,LPe12002<sup>11</sup>,LPe1250<sup>11</sup></p> <p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>IBM 39M5894<sup>5</sup>,39M5895<sup>5</sup>,39R6525<sup>5</sup>,39R6527<sup>5</sup>,42C2069,42C2071,42D0405,42D0407,42D0485<sup>11</sup>,42D0494<sup>11</sup>,42D0501<sup>5</sup>,42D0510<sup>5</sup>,59Y1987<sup>1,3,13</sup>,59Y1993<sup>1,3,13</sup>,46M6049<sup>1,3,13</sup>,46M6050<sup>1,3,13</sup></p>	UltraPath	OceanStor S2200T	
			<p>QLogic QLE2560,QLE2562</p> <p>IBM 42D0501,42D0510</p>	MPIO <sup>30</sup>	OceanStor S2200T	See <sup>19,20,34</sup>
13	IBM xSeries	Microsoft Windows Server 2008 R2 Enterprise x64 Edition SP1	<p>ATTO Celerity FC-41ES<sup>7,29</sup>,FC-42ES<sup>7,29</sup>,FC-81EN<sup>2,29</sup>,FC-82EN<sup>2,29</sup>,FC-161E<sup>27,28,29</sup>,FC-162E<sup>27,28,29</sup></p> <p>Brocade</p>	UltraPath	OceanStor S2200T	

			<p>415<sup>1,3,13</sup>,425<sup>1,3,13</sup>,815<sup>1,3,13</sup>,825<sup>1,3,13</sup>,1860-1<sup>16</sup>, 1860-2<sup>16</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe 11002,LPe111,LPe1150,LPe12000<sup>11</sup>,LPe1 2002<sup>11</sup>,LPe1250<sup>11</sup>,LPe16000<sup>26</sup>,LPe16002<sup>26</sup></p> <p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE246 2<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>IBM 39M5894<sup>5</sup>,39M5895<sup>5</sup>,39R6525<sup>5</sup>,39R6527<sup>5</sup> ,42C2069,42C2071,42D0405,42D0407,42 D0485<sup>11</sup>,42D0494<sup>11</sup>,42D0501<sup>5</sup>,42D0510<sup>5</sup>,5 9Y1987<sup>1,3,13</sup>,59Y1993<sup>1,3,13</sup>,46M6049<sup>1,3,13</sup>,4 6M6050<sup>1,3,13</sup>,81Y1668<sup>16</sup>,81Y1675<sup>16</sup>,81Y16 55<sup>26</sup>,81Y1662<sup>26</sup></p>			
			<p>Emulex LPe12000<sup>11</sup>,LPe12002<sup>11</sup></p> <p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE246 2<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>IBM 39M5894<sup>5</sup>,39M5894<sup>5</sup>,39R6525<sup>5</sup>,39R6527<sup>5</sup> ,42D0501<sup>5</sup>,42D0510<sup>5</sup>,42D0485<sup>11</sup>,42D0494 11</p>	MPIO	OceanStor S2200T	See <sup>19,20</sup>
14	IBM xSeries	Microsoft Windows Server 2008 R2 Standard x64 Edition SP1	<p>ATTO Celerity FC-41ES<sup>7,29</sup>,FC-42ES<sup>7,29</sup>,FC-81EN<sup>2,29</sup>,FC- 82EN<sup>2,29</sup>,FC-161E<sup>27,28,29</sup>,FC-162E<sup>27,28,29</sup></p> <p>Brocade 415<sup>1,3,13</sup>,425<sup>1,3,13</sup>,815<sup>1,3,13</sup>,825<sup>1,3,13</sup>,1860-1<sup>16</sup>, 1860-2<sup>16</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe 11002,LPe111,LPe1150,LPe12000<sup>11</sup>,LPe1 2002<sup>11</sup>,LPe1250<sup>11</sup>,LPe16000<sup>26</sup>,LPe16002<sup>26</sup></p> <p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE246</p>	UltraPath	OceanStor S2200T	

			<p>2<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>IBM</p> <p>39M5894<sup>5</sup>,39M5895<sup>5</sup>,39R6525<sup>5</sup>,39R6527<sup>5</sup>,42C2069,42C2071,42D0405,42D0407,42D0485<sup>11</sup>,42D0494<sup>11</sup>,42D0501<sup>5</sup>,42D0510<sup>5</sup>,59Y1987<sup>1,3,13</sup>,59Y1993<sup>1,3,13</sup>,46M6049<sup>1,3,13</sup>,46M6050<sup>1,3,13</sup>,81Y1668<sup>16</sup>,81Y1675<sup>16</sup>,81Y1655<sup>26</sup>,81Y1662<sup>26</sup></p>			
			<p>Emulex LPe12000<sup>11</sup>,LPe12002<sup>11</sup></p> <p>QLogic</p> <p>QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>IBM</p> <p>39M5894<sup>5</sup>,39M5895<sup>5</sup>,39R6525<sup>5</sup>,39R6527<sup>5</sup>,42D0501<sup>5</sup>,42D0510<sup>5</sup>,42D0485<sup>11</sup>,42D0494<sup>11</sup></p>	MPIO	OceanStor S2200T	See <sup>19,20</sup>
15	IBM xSeries	Microsoft Windows Server 2008 R2 Datacenter x64 Edition SP1	<p>ATTO Celerity</p> <p>FC-41ES<sup>7,29</sup>,FC-42ES<sup>7,29</sup>,FC-81EN<sup>2,29</sup>,FC-82EN<sup>2,29</sup>,FC-161E<sup>27,28,29</sup>,FC-162E<sup>27,28,29</sup></p> <p>Brocade</p> <p>415<sup>1,3,13</sup>,425<sup>1,3,13</sup>,815<sup>1,3,13</sup>,825<sup>1,3,13</sup>,1860-1<sup>16</sup>,1860-2<sup>16</sup></p> <p>Emulex</p> <p>LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe111,LPe1150,LPe12000<sup>11</sup>,LPe12002<sup>11</sup>,LPe1250<sup>11</sup>,LPe16000<sup>26</sup>,LPe16002<sup>26</sup></p> <p>QLogic</p> <p>QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>IBM</p> <p>39M5894<sup>5</sup>,39M5895<sup>5</sup>,39R6525<sup>5</sup>,39R6527<sup>5</sup>,42C2069,42C2071,42D0405,42D0407,42D0485<sup>11</sup>,42D0494<sup>11</sup>,42D0501<sup>5</sup>,42D0510<sup>5</sup>,59Y1987<sup>1,3,13</sup>,59Y1993<sup>1,3,13</sup>,46M6049<sup>1,3,13</sup>,46M6050<sup>1,3,13</sup>,81Y1668<sup>16</sup>,81Y1675<sup>16</sup>,81Y1655<sup>26</sup>,81Y1662<sup>26</sup></p>	UltraPath	OceanStor S2200T	
			Emulex LPe12000 <sup>11</sup> ,LPe12002 <sup>11</sup>	MPIO	OceanStor S2200T	See <sup>19,20</sup>



			<p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>IBM 39M5894<sup>5</sup>,39M5894<sup>5</sup>,39R6525<sup>5</sup>,39R6527<sup>5</sup>,42D0501<sup>5</sup>,42D0510<sup>5</sup>,42D0485<sup>11</sup>,42D0494<sup>11</sup></p>			
16	IBM xSeries	Microsoft Windows Storage Server 2008 R2 Essentials x64 Edition SP1	<p>Emulex LPe12000<sup>11</sup>,LPe12002<sup>11</sup></p> <p>IBM 42D0485<sup>11</sup>,42D0494<sup>11</sup></p>	UltraPath	OceanStor S2200T	
17	IBM xSeries	Microsoft Windows 7 Enterprise x64 Edition SP1	<p>Emulex LP11000,LP11002,LPe11000,LPe11002</p> <p>IBM 42D0405,42D0407,42C2069,42C2071</p>	UltraPath	OceanStor S2200T	
18	IBM xSeries	Microsoft Windows 7 Professional x64 Edition SP1	<p>Emulex LPe1250<sup>11</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p> <p>IBM 39M5894,39M5894,39R6525,39R6527</p>	UltraPath	OceanStor S2200T	See <sup>24</sup>
19	IBM xSeries	Microsoft Windows Small Business Server 2011 Essentials SP1	<p>Emulex LPe12000<sup>11</sup>,LPe12002<sup>11</sup></p> <p>QLogic QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>IBM 42D0485<sup>11</sup>,42D0494<sup>11</sup>,42D0501<sup>5</sup>,42D0510<sup>5</sup></p>	UltraPath	OceanStor S2200T	
20	IBM xSeries	Microsoft Windows Server 2012 Datacenter x64 Edition	<p>Brocade 815<sup>1,13</sup>,825<sup>1,13</sup></p> <p>Emulex LPe12000<sup>11,18</sup>,LPe12002<sup>11,18</sup>,LPe16000<sup>33</sup>,LPe16002<sup>33</sup></p> <p>QLogic QLE2560,QLE2562,QLE2672<sup>32</sup></p> <p>IBM 46M6049<sup>1,13</sup>,46M6050<sup>1,13</sup>,42D0501,42D0510,42D0485<sup>11,18</sup>,42D0494<sup>11,18</sup>,81Y1655<sup>33</sup>,81Y1662<sup>33</sup></p>	UltraPath <sup>22</sup>	OceanStor S2200T	See <sup>35</sup>
			Emulex	MPIO <sup>22,30</sup>	OceanStor S2200T	See <sup>19,20</sup>

			<p>LPe12000<sup>11,18</sup>,LPe12002<sup>11,18</sup>,LPe16000<sup>11</sup>,LPe16002<sup>11</sup></p> <p>QLogic QLE2560,QLE2562</p> <p>IBM 42D0501,42D0510,42D0485<sup>11,18</sup>,42D0494<sup>11,18</sup>,81Y1655<sup>11</sup>,81Y1662<sup>11</sup></p>			<sup>35</sup>
21	IBM xSeries	Microsoft Windows Server 2012 Standard x64 Edition	<p>Brocade 815<sup>1,13</sup>,825<sup>1,13</sup></p> <p>Emulex LPe12000<sup>11,18</sup>,LPe12002<sup>11,18</sup>,LPe16000<sup>33</sup>,LPe16002<sup>33</sup></p> <p>QLogic QLE2560,QLE2562,QLE2672<sup>32</sup></p> <p>IBM 46M6049<sup>1,13</sup>,46M6050<sup>1,13</sup>,42D0501,42D0510,42D0485<sup>11,18</sup>,42D0494<sup>11,18</sup>,81Y1655<sup>33</sup>,81Y1662<sup>33</sup></p>	UltraPath <sup>22</sup>	OceanStor S2200T	See <sup>35</sup>
			<p>Emulex LPe12000<sup>11,18</sup>,LPe12002<sup>11,18</sup>,LPe16000<sup>11</sup>,LPe16002<sup>11</sup></p> <p>QLogic QLE2560,QLE2562</p> <p>IBM 42D0501,42D0510,42D0485<sup>11,18</sup>,42D0494<sup>11,18</sup>,81Y1655<sup>11</sup>,81Y1662<sup>11</sup></p>	MPIO <sup>22,30</sup>	OceanStor S2200T	See <sup>19,20,35</sup>
22	IBM xSeries	Microsoft Windows Server 2012 Essentials x64 Edition	<p>QLogic QLE2560,QLE2562</p> <p>IBM 42D0501,42D0510</p>	UltraPath <sup>22</sup>	OceanStor S2200T	See <sup>35</sup>
23	IBM xSeries	Microsoft Windows Server 2012 R2 Datacenter x64 Edition	<p>QLogic QLE2560<sup>31</sup>,QLE2562<sup>31</sup></p> <p>Emulex LPe12000<sup>11</sup>,LPe12002<sup>11</sup></p> <p>IBM 42D0501<sup>31</sup>,42D0510<sup>31</sup>,42D0485<sup>11</sup>,42D0494<sup>11</sup></p>	MPIO	OceanStor S2200T	See <sup>19,20,35</sup>
			<p>Brocade 815<sup>1,13</sup>,825<sup>1,13</sup></p> <p>Emulex LPe12000<sup>11</sup>,LPe12002<sup>11</sup>,LPe16000,LPe16002</p>	UltraPath	OceanStor S2200T	See <sup>35</sup>

			<p>QLogic QLE2560<sup>31</sup>,QLE2562<sup>31</sup>,QLE2672<sup>11</sup></p> <p>IBM 46M6049<sup>1,13</sup>,46M6050<sup>1,13</sup>,42D0485<sup>11</sup>,42D0494<sup>11</sup>,81Y1655,81Y1662,42D0501<sup>31</sup>,42D0510<sup>31</sup></p>			
24	IBM xSeries	Microsoft Windows Server 2012 R2 Standard x64 Edition	<p>QLogic QLE2560<sup>31</sup>,QLE2562<sup>31</sup></p> <p>Emulex LPe12000<sup>11</sup>,LPe12002<sup>11</sup></p> <p>IBM 42D0501<sup>31</sup>,42D0510<sup>31</sup>,42D0485<sup>11</sup>,42D0494<sup>11</sup></p>	MPIO	OceanStor S2200T	See <sup>19,20,35</sup>
			<p>Brocade 815<sup>1,13</sup>,825<sup>1,13</sup></p> <p>Emulex LPe12000<sup>11</sup>,LPe12002<sup>11</sup>,LPe16000,LPe16002</p> <p>QLogic QLE2560<sup>31</sup>,QLE2562<sup>31</sup>,QLE2672<sup>11</sup></p> <p>IBM 46M6049<sup>1,13</sup>,46M6050<sup>1,13</sup>,42D0485<sup>11</sup>,42D0494<sup>11</sup>,81Y1655,81Y1662,42D0501<sup>31</sup>,42D0510<sup>31</sup></p>	UltraPath	OceanStor S2200T	See <sup>35</sup>
25	IBM xSeries	Microsoft Windows 8 Enterprise x64 Edition	ATTO Celerity FC-81EN <sup>23</sup> ,FC-82EN <sup>23</sup>	UltraPath <sup>22</sup>	OceanStor S2200T	
26	IBM HS22	Microsoft Windows Server 2008 R2 Enterprise x64 Edition SP1	Emulex LPe1205	UltraPath	OceanStor S2200T	

1. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
2. HBA driver version is 1.32.2.0.
3. HBA driver version is 2.3.0.0.
4. HBA driver version is 7.01.20.04-1.
5. HBA driver version is 9.1.9.27.
6. HBA driver version is 9.1.8.25.
7. HBA driver version is 2.66.2.0.
8. Microsoft storport hotfix Q957910 is required. For detail information, please see <http://support.microsoft.com/kb/957910/en-us>. To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnun=957910&kbln=en-us>.
9. HBA driver version is 2.50.2.0.
10. HBA driver version is 1.32.2.0.

11. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
12. HBA driver version is 7.2.50.7,firmware version is 2.82A4.
13. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection.The CLI command is:chgpportparam -c controller id -if interface module id -p port id -d 500.
14. Microsoft storport.sys hotfix Q968675 is required. For detail information, please see <http://support.microsoft.com/kb/968675/en-us> .To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnun=968675&kbln=en-us> .
15. HBA driver version is 2.50.007.
16. HBA driver version is 3.1.0.0,firmware version is 3.1.0.0.
17. HBA driver version is 7.2.41.002,firmware version is 2.10A10.
18. HBA driver version is 2.72.012.001,firmware version is 1.00A11.
19. The disk storage system must enable ALUA function.
20. For the detail configuration of MPIO,please contact the technical service centre of Huawei Technologies Co., Ltd..
21. Microsoft storport.sys hotfix Q931311 is required. For detail information, please see <http://support.microsoft.com/kb/931311/en-us> .To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnun=931311&kbln=en-us> .
22. It is required to install KB2822241 if KB2779768 has been installed in the server, otherwise the MultiPath Software will not take effect. To obtain this hotfix, fill out the hotfix request form at <http://www.microsoft.com/en-us/download/details.aspx?id=38240> .
23. HBA driver version is 1.50.2.0.
24. QLogic does not claim to support this operating system.
25. HBA driver version is 7.2.42.0.
26. HBA driver version is 2.74.014.001.
27. HBA driver version is 1.3.2.
28. It is required to install the UltraPath and configure the foundation “IO Suspension” to 60s.
29. After installing the HBA driver, it is required to configure the “TimeOutValue” to 60(decimal) which is located at HKEY\_LOCAL\_MACHINE\System\CurrentControlSet\Services\Disk\ in the OS’s REGEDIT.
30. Microsoft storport.sys hotfix Q2821052 is required. For detail information, please see <http://support.microsoft.com/kb/2821052/EN-US> .To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnun=2821052&kbln=en-us> .
31. HBA driver version is 9.1.11.28.
32. HBA driver version is 9.1.11.24.
33. HBA driver version is 2.74.014.001.
34. Microsoft storport.sys hotfix Q978500 is required. For detail information, please see <http://support.microsoft.com/kb/978500/EN-US> .To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnun=978500&kbln=en-us> .
35. The disk storage system is not support the function of Thin Provision.

## Microsoft Windows x86

### Dell

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Dell PowerEdge Series	Microsoft Windows Server 2003 Enterprise x86 Edition SP2	ATTO Celerity FC-41ES <sup>7</sup> ,FC-42ES <sup>7</sup> ,FC-81EN <sup>8</sup> ,FC-82EN <sup>8</sup>  Brocade 415 <sup>1,2,11</sup> ,425 <sup>1,2,11</sup>  Emulex	UltraPath	OceanStor S2200T	See <sup>6,15</sup>

			<p>LP9802<sup>19</sup>,LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>9</sup>,LPe12002<sup>9</sup>,LPe111<sup>3</sup></p> <p>QLogic QLA2460<sup>4</sup>,QLA2462<sup>4</sup>,QLE2460<sup>4</sup>,QLE2462<sup>4</sup>,QLE2560<sup>4</sup>,QLE2562<sup>4</sup></p> <p>Dell LP9802-E<sup>19</sup>,PF323<sup>4</sup>,FH590<sup>4</sup>,DH226<sup>4</sup>,FF340<sup>4</sup>,F641C<sup>4</sup>,H144C<sup>4</sup>,LPe11002-E,LPe12000-E<sup>9</sup>,LPe12002-E<sup>9</sup></p>			
2	Dell PowerEdge Series	Microsoft Windows Server 2003 Standard x86 Edition SP2	<p>ATTO Celerity FC-41ES<sup>7</sup>,FC-42ES<sup>7</sup>,FC-81EN<sup>8</sup>,FC-82EN<sup>8</sup></p> <p>Brocade 415<sup>1,2,11</sup>,425<sup>1,2,11</sup></p> <p>Emulex LP9802<sup>19</sup>,LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>9</sup>,LPe12002<sup>9</sup>,LPe111<sup>3</sup></p> <p>QLogic QLA2460<sup>4</sup>,QLA2462<sup>4</sup>,QLE2460<sup>4</sup>,QLE2462<sup>4</sup>,QLE2560<sup>4</sup>,QLE2562<sup>4</sup></p> <p>Dell LP9802-E<sup>19</sup>,PF323<sup>4</sup>,FH590<sup>4</sup>,DH226<sup>4</sup>,FF340<sup>4</sup>,F641C<sup>4</sup>,H144C<sup>4</sup>,LPe11002-E,LPe12000-E<sup>9</sup>,LPe12002-E<sup>9</sup></p>	UltraPath	OceanStor S2200T	See <sup>6,15</sup>
3	Dell PowerEdge Series	Microsoft Windows Server 2003 Datacenter x86 Edition SP2	<p>ATTO Celerity FC-41ES<sup>7</sup>,FC-42ES<sup>7</sup>,FC-81EN<sup>8</sup>,FC-82EN<sup>8</sup></p> <p>Brocade 415<sup>1,2,11</sup>,425<sup>1,2,11</sup></p> <p>Emulex LP9802<sup>19</sup>,LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>9</sup>,LPe12002<sup>9</sup>,LPe111<sup>3</sup></p> <p>QLogic QLA2460<sup>4</sup>,QLA2462<sup>4</sup>,QLE2460<sup>4</sup>,QLE2462<sup>4</sup></p>	UltraPath	OceanStor S2200T	See <sup>6,15</sup>

			<p>462<sup>4</sup>,QLE2560<sup>4</sup>,QLE2562<sup>4</sup></p> <p>Dell LP9802-E<sup>19</sup>,PF323<sup>4</sup>,FH590<sup>4</sup>,DH226<sup>4</sup>,FF340<sup>4</sup>,F641C<sup>4</sup>,H144C<sup>4</sup>,LPe11002-E,LPe12000-E<sup>9</sup>,LPe12002-E<sup>9</sup></p>			
4	Dell PowerEdge Series	Microsoft Windows Server 2003 R2 Enterprise x86 Edition SP2	<p>ATTO Celerity FC-41ES<sup>7</sup>,FC-42ES<sup>7</sup>,FC-81EN<sup>8</sup>,FC-82EN<sup>8</sup></p> <p>Brocade 415<sup>1,2,11</sup>,425<sup>1,2,11</sup></p> <p>Emulex LP11000,LP11002,LP1150<sup>14</sup>,LPe11000,LPe11002,LPe1150<sup>14</sup>,LPe12000<sup>9</sup>,LPe12002<sup>9</sup>,LPe111<sup>3</sup></p> <p>QLogic QLA2460<sup>4</sup>,QLA2462<sup>4</sup>,QLE2460<sup>4</sup>,QLE2462<sup>4</sup>,QLE2560<sup>4</sup>,QLE2562<sup>4</sup></p> <p>Dell PF323<sup>4</sup>,FH590<sup>4</sup>,DH226<sup>4</sup>,FF340<sup>4</sup>,F641C<sup>4</sup>,H144C<sup>4</sup>,LPe1150-E<sup>14</sup>,LPe11002-E,LPe12000-E<sup>9</sup>,LPe12002-E<sup>9</sup>,LP1150-E<sup>14</sup></p>	UltraPath	OceanStor S2200T	See <sup>6</sup>
5	Dell PowerEdge Series	Microsoft Windows Server 2003 R2 Standard x86 Edition SP2	<p>ATTO Celerity FC-41ES<sup>7</sup>,FC-42ES<sup>7</sup>,FC-81EN<sup>8</sup>,FC-82EN<sup>8</sup></p> <p>Brocade 415<sup>1,2,11</sup>,425<sup>1,2,11</sup></p> <p>Emulex LP11000,LP11002,LP1150<sup>14</sup>,LPe11000,LPe11002,LPe1150<sup>14</sup>,LPe12000<sup>9</sup>,LPe12002<sup>9</sup>,LPe111<sup>3</sup></p> <p>QLogic QLA2460<sup>4</sup>,QLA2462<sup>4</sup>,QLE2460<sup>4</sup>,QLE2462<sup>4</sup>,QLE2560<sup>4</sup>,QLE2562<sup>4</sup></p> <p>Dell PF323<sup>4</sup>,FH590<sup>4</sup>,DH226<sup>4</sup>,FF340<sup>4</sup>,F641C<sup>4</sup>,H144C<sup>4</sup>,LPe1150-E<sup>14</sup>,LPe11002-E,LPe12000-E<sup>9</sup>,LPe12002-E<sup>9</sup>,LP1150-E<sup>14</sup></p>	UltraPath	OceanStor S2200T	See <sup>6</sup>

6	Dell PowerEdge Series	Microsoft Windows Server 2003 R2 Datacenter x86 Edition SP2	<p>ATTO Celerity FC-41ES<sup>7</sup>,FC-42ES<sup>7</sup>,FC-81EN<sup>8</sup>,FC-82E N<sup>8</sup></p> <p>Brocade 415<sup>1,2,11</sup>,425<sup>1,2,11</sup></p> <p>Emulex LP11000,LP11002,LP1150<sup>14</sup>,LPe11000, LPe11002,LPe1150<sup>14</sup>,LPe12000<sup>9</sup>,LPe12 002<sup>9</sup>,LPe111<sup>3</sup></p> <p>QLogic QLA2460<sup>4</sup>,QLA2462<sup>4</sup>,QLE2460<sup>4</sup>,QLE2 462<sup>4</sup>,QLE2560<sup>4</sup>,QLE2562<sup>4</sup></p> <p>Dell PF323<sup>4</sup>,FH590<sup>4</sup>,DH226<sup>4</sup>,FF340<sup>4</sup>,F641C<sup>4</sup> ,H144C<sup>4</sup>,LPe11002-E,LPe1150-E<sup>14</sup>,LPe 12000-E<sup>9</sup>,LPe12002-E<sup>9</sup>,LP1150-E<sup>14</sup></p>	UltraPath	OceanStor S2200T	See <sup>6</sup>
7	Dell PowerEdge Series	Microsoft Windows Server 2008 Enterprise x86 Edition SP2	<p>Brocade 415<sup>1,2,11</sup>,425<sup>1,2,11</sup>,815<sup>1,2,11</sup>,825<sup>1,2,11</sup></p> <p>Emulex LP11000<sup>10,11</sup>,LP11002<sup>10,11</sup>,LP1150<sup>13</sup>,LPe 11000<sup>10,11</sup>,LPe11002<sup>10,11</sup>,LPe111,LPe115 0<sup>13</sup>,LPe12000<sup>9</sup>,LPe12002<sup>9</sup>,LPe1250<sup>9</sup></p> <p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2 462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>Dell PF323<sup>5</sup>,FH590<sup>5</sup>,DH226<sup>5</sup>,FF340<sup>5</sup>,F641C<sup>5</sup> ,H144C<sup>5</sup>,BR815<sup>1,2,11</sup>,BR825<sup>1,2,11</sup>,LP1150 -E<sup>13</sup>,LPe11002-E<sup>10,11</sup>,LPe12000-E<sup>9</sup>,LPe1 2002-E<sup>9</sup>,LPe1150-E<sup>13</sup></p>	UltraPath	OceanStor S2200T	See <sup>12</sup>
8	Dell PowerEdge Series	Microsoft Windows Server 2008 Standard x86 Edition SP2	<p>Brocade 415<sup>1,2,11</sup>,425<sup>1,2,11</sup>,815<sup>1,2,11</sup>,825<sup>1,2,11</sup></p> <p>Emulex LP11000<sup>10,11</sup>,LP11002<sup>10,11</sup>,LP1150<sup>13</sup>,LPe 11000<sup>10,11</sup>,LPe11002<sup>10,11</sup>,LPe111,LPe115 0<sup>13</sup>,LPe12000<sup>9</sup>,LPe12002<sup>9</sup>,LPe1250<sup>9</sup></p>	UltraPath	OceanStor S2200T	See <sup>12</sup>

			<p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>Dell PF323<sup>5</sup>,FH590<sup>5</sup>,DH226<sup>5</sup>,FF340<sup>5</sup>,F641C<sup>5</sup>,H144C<sup>5</sup>,LP1150-E<sup>13</sup>,LPe11002-E<sup>10,11</sup>,LPe12000-E<sup>9</sup>,LPe12002-E<sup>9</sup>,BR815<sup>1,2,11</sup>,BR825<sup>1,2,11</sup>,LPe1150-E<sup>13</sup></p>			
9	Dell PowerEdge Series	Microsoft Windows Server 2008 Datacenter x86 Edition SP2	<p>Brocade 415<sup>1,2,11</sup>,425<sup>1,2,11</sup>,815<sup>1,2,11</sup>,825<sup>1,2,11</sup></p> <p>Emulex LP11000<sup>10,11</sup>,LP11002<sup>10,11</sup>,LP1150<sup>13</sup>,LPe11000<sup>10,11</sup>,LPe11002<sup>10,11</sup>,LPe111,LPe1150<sup>13</sup>,LPe12000<sup>9</sup>,LPe12002<sup>9</sup>,LPe1250<sup>9</sup></p> <p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>Dell PF323<sup>5</sup>,FH590<sup>5</sup>,DH226<sup>5</sup>,FF340<sup>5</sup>,F641C<sup>5</sup>,H144C<sup>5</sup>,LP1150-E<sup>13</sup>,LPe11002-E<sup>10,11</sup>,LPe12000-E<sup>9</sup>,LPe12002-E<sup>9</sup>,BR815<sup>1,2,11</sup>,BR825<sup>1,2,11</sup>,LPe1150-E<sup>13</sup></p>	UltraPath	OceanStor S2200T	See <sup>12</sup>
10	Dell PowerEdge Series	Microsoft Windows 7 Enterprise x86 Edition SP1	<p>Emulex LP11000,LP11002,LPe11000,LPe11002</p> <p>Dell LPe11002-E</p>	UltraPath	OceanStor S2200T	See <sup>18</sup>
11	Dell PowerEdge Series	Microsoft Windows 8 Enterprise x86 Edition	ATTO Celerity FC-81EN <sup>16</sup> ,FC-82EN <sup>16</sup>	UltraPath <sup>17</sup>	OceanStor S2200T	See <sup>20</sup>

1. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
2. HBA driver version is 2.3.0.0.
3. HBA driver version is 5.1.20.4-1.
4. HBA driver version is 9.1.8.25.
5. HBA driver version is 9.1.9.27.
6. Microsoft storport hotfix Q957910 is required. For detail information, please see <http://support.microsoft.com/kb/957910/en-us>. To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnun=957910&kbln=en-us>.
7. HBA driver version is 2.50.2.0.
8. HBA driver version is 1.32.2.0.
9. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
10. HBA driver version is 5.2.50.7,firmware version is 2.82A4.



11. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection. The CLI command is: `chgportparam -c controller id -if interface module id -p port id -d 500`.
12. Microsoft storport.sys hotfix Q968675 is required. For detail information, please see <http://support.microsoft.com/kb/968675/en-us> .To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnm=968675&kbln=en-us> .
13. HBA driver version is 2.50.007.
14. HBA driver version is 5.2.41.002,firmware version is 2.10A10.
15. Microsoft storport.sys hotfix Q931311 is required. For detail information, please see <http://support.microsoft.com/kb/931311/en-us> .To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnm=931311&kbln=en-us> .
16. HBA driver version is 1.50.2.0.
17. It is required to install KB2822241 if KB2779768 has been installed in the server, otherwise the MultiPath Software will not take effect. To obtain this hotfix, fill out the hotfix request form at <http://www.microsoft.com/en-us/download/details.aspx?id=38240> .
18. Emulex does not claim to support this operating system.
19. HBA driver version is 5.2.42.0.
20. The disk storage system is not support the function of Thin Provision.

## HP

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	HP ProLiant Series	Microsoft Windows Server 2003 Enterprise x86 Edition SP2	ATTO Celerity FC-41ES <sup>7</sup> ,FC-42ES <sup>7</sup> ,FC-81EN <sup>8</sup> ,FC-82EN <sup>8</sup>  Brocade 415 <sup>1,2,11</sup> ,425 <sup>1,2,11</sup>  Emulex LP9802 <sup>20</sup> ,LP11000,LP11002,LPe11000, LPe11002,LPe12000 <sup>9</sup> ,LPe12002 <sup>9</sup> ,LPe111 <sup>3</sup>  QLogic QLA2460 <sup>4</sup> ,QLA2462 <sup>4</sup> ,QLE2460 <sup>4</sup> ,QLE2462 <sup>4</sup> ,QLE2560 <sup>4</sup> ,QLE2562 <sup>4</sup>  HP AB232A/FCA2404 <sup>20</sup> ,AP767A <sup>1,2,11</sup> ,AP768A <sup>1,2,11</sup> ,AB429A/FC1143 <sup>4</sup> ,AE369A/FC1243 <sup>4</sup> ,AE311A/FC1142SR <sup>4</sup> ,AE312A/FC1242SR <sup>4</sup> ,A8003A/FC2242SR,AD168A/FC2243,AJ762A/81E <sup>9</sup> ,AJ763A/82E <sup>9</sup> ,AK344A/81Q <sup>4</sup> ,AJ764A/82Q <sup>4</sup>	UltraPath	OceanStor S2200T	See <sup>6,16</sup>
2	HP ProLiant Series	Microsoft Windows Server 2003 Standard x86 Edition SP2	ATTO Celerity FC-41ES <sup>7</sup> ,FC-42ES <sup>7</sup> ,FC-81EN <sup>8</sup> ,FC-82EN <sup>8</sup>	UltraPath	OceanStor S2200T	See <sup>6,16</sup>

			<p>Brocade 415<sup>1,2,11</sup>,425<sup>1,2,11</sup></p> <p>Emulex LP9802<sup>20</sup>,LP11000,LP11002,LPe11000, LPe11002,LPe12000<sup>9</sup>,LPe12002<sup>9</sup>,LPe11 1<sup>3</sup></p> <p>QLogic QLA2460<sup>4</sup>,QLA2462<sup>4</sup>,QLE2460<sup>4</sup>,QLE2 462<sup>4</sup>,QLE2560<sup>4</sup>,QLE2562<sup>4</sup></p> <p>HP AB232A/FCA2404<sup>20</sup>,AP767A<sup>1,2,11</sup>,AP76 8A<sup>1,2,11</sup>,AB429A/FC1143<sup>4</sup>,AE369A/FC1 243<sup>4</sup>,AE311A/FC1142SR<sup>4</sup>,AE312A/FC 1242SR<sup>4</sup>,A8003A/FC2242SR,AD168A/ FC2243,AJ762A/81E<sup>9</sup>,AJ763A/82E<sup>9</sup>,A K344A/81Q<sup>4</sup>,AJ764A/82Q<sup>4</sup></p>			
3	HP ProLiant Series	Microsoft Windows Server 2003 Datacenter x86 Edition SP2	<p>ATTO Celerity FC-41ES<sup>7</sup>,FC-42ES<sup>7</sup>,FC-81EN<sup>8</sup>,FC-82E N<sup>8</sup></p> <p>Brocade 415<sup>1,2,11</sup>,425<sup>1,2,11</sup></p> <p>Emulex LP9802<sup>20</sup>,LP11000,LP11002,LPe11000, LPe11002,LPe12000<sup>9</sup>,LPe12002<sup>9</sup>,LPe11 1<sup>3</sup></p> <p>QLogic QLA2460<sup>4</sup>,QLA2462<sup>4</sup>,QLE2460<sup>4</sup>,QLE2 462<sup>4</sup>,QLE2560<sup>4</sup>,QLE2562<sup>4</sup></p> <p>HP AB232A/FCA2404<sup>20</sup>,AP767A<sup>1,2,11</sup>,AP76 8A<sup>1,2,11</sup>,AB429A/FC1143<sup>4</sup>,AE369A/FC1 243<sup>4</sup>,AE311A/FC1142SR<sup>4</sup>,AE312A/FC 1242SR<sup>4</sup>,A8003A/FC2242SR,AD168A/ FC2243,AJ762A/81E<sup>9</sup>,AJ763A/82E<sup>9</sup>,A K344A/81Q<sup>4</sup>,AJ764A/82Q<sup>4</sup></p>	UltraPath	OceanStor S2200T	See <sup>6,16</sup>
4	HP ProLiant Series	Microsoft Windows Server 2003 R2 Enterprise x86 Edition SP2	<p>ATTO Celerity FC-41ES<sup>7</sup>,FC-42ES<sup>7</sup>,FC-81EN<sup>8</sup>,FC-82E N<sup>8</sup></p> <p>Brocade 415<sup>1,2,11</sup>,425<sup>1,2,11</sup></p> <p>Emulex LP9802<sup>20</sup>,LP11000,LP11002,LPe11000, LPe11002,LPe12000<sup>9</sup>,LPe12002<sup>9</sup>,LPe11 1<sup>3</sup></p> <p>QLogic QLA2460<sup>4</sup>,QLA2462<sup>4</sup>,QLE2460<sup>4</sup>,QLE2 462<sup>4</sup>,QLE2560<sup>4</sup>,QLE2562<sup>4</sup></p> <p>HP AB232A/FCA2404<sup>20</sup>,AP767A<sup>1,2,11</sup>,AP76 8A<sup>1,2,11</sup>,AB429A/FC1143<sup>4</sup>,AE369A/FC1 243<sup>4</sup>,AE311A/FC1142SR<sup>4</sup>,AE312A/FC 1242SR<sup>4</sup>,A8003A/FC2242SR,AD168A/ FC2243,AJ762A/81E<sup>9</sup>,AJ763A/82E<sup>9</sup>,A K344A/81Q<sup>4</sup>,AJ764A/82Q<sup>4</sup></p>	UltraPath	OceanStor S2200T	See <sup>6</sup>

			<p>Brocade 415<sup>1,2,11</sup>,425<sup>1,2,11</sup></p> <p>Emulex LP11000,LP11002,LP1150<sup>15</sup>,LPe11000, LPe11002,LPe1150<sup>15</sup>,LPe12000<sup>9</sup>,LPe12 002<sup>9</sup>,LPe111<sup>3</sup></p> <p>QLogic QLA2460<sup>4</sup>,QLA2462<sup>4</sup>,QLE2460<sup>4</sup>,QLE2 462<sup>4</sup>,QLE2560<sup>4</sup>,QLE2562<sup>4</sup></p> <p>HP AP767A<sup>1,2,11</sup>,AP768A<sup>1,2,11</sup>,AB429A/FC1 143<sup>4</sup>,AE369A/FC1243<sup>4</sup>,AE311A/FC114 2SR<sup>4</sup>,AE312A/FC1242SR<sup>4</sup>,A8002A/FC 2142SR<sup>15</sup>,A8003A/FC2242SR,AD168A /FC2243,AJ762A/81E<sup>9</sup>,AJ763A/82E<sup>9</sup>,A K344A/81Q<sup>4</sup>,AJ764A/82Q<sup>4</sup></p>			
5	HP ProLiant Series	Microsoft Windows Server 2003 R2 Standard x86 Edition SP2	<p>ATTO Celerity FC-41ES<sup>7</sup>,FC-42ES<sup>7</sup>,FC-81EN<sup>8</sup>,FC-82E N<sup>8</sup></p> <p>Brocade 415<sup>1,2,11</sup>,425<sup>1,2,11</sup></p> <p>Emulex LP11000,LP11002,LP1150<sup>15</sup>,LPe11000, LPe11002,LPe1150<sup>15</sup>,LPe12000<sup>9</sup>,LPe12 002<sup>9</sup>,LPe111<sup>3</sup></p> <p>QLogic QLA2460<sup>4</sup>,QLA2462<sup>4</sup>,QLE2460<sup>4</sup>,QLE2 462<sup>4</sup>,QLE2560<sup>4</sup>,QLE2562<sup>4</sup></p> <p>HP AP767A<sup>1,2,11</sup>,AP768A<sup>1,2,11</sup>,AB429A/FC1 143<sup>4</sup>,AE369A/FC1243<sup>4</sup>,AE311A/FC114 2SR<sup>4</sup>,AE312A/FC1242SR<sup>4</sup>,A8002A/FC 2142SR<sup>15</sup>,A8003A/FC2242SR,AD168A /FC2243,AJ762A/81E<sup>9</sup>,AJ763A/82E<sup>9</sup>,A K344A/81Q<sup>4</sup>,AJ764A/82Q<sup>4</sup></p>	UltraPath	OceanStor S2200T	See <sup>6</sup>
6	HP ProLiant Series	Microsoft Windows Server 2003 R2 Datacenter x86 Edition SP2	<p>ATTO Celerity FC-41ES<sup>7</sup>,FC-42ES<sup>7</sup>,FC-81EN<sup>8</sup>,FC-82E N<sup>8</sup></p> <p>Brocade 415<sup>1,2,11</sup>,425<sup>1,2,11</sup></p> <p>Emulex LP11000,LP11002,LP1150<sup>15</sup>,LPe11000, LPe11002,LPe1150<sup>15</sup>,LPe12000<sup>9</sup>,LPe12 002<sup>9</sup>,LPe111<sup>3</sup></p> <p>QLogic QLA2460<sup>4</sup>,QLA2462<sup>4</sup>,QLE2460<sup>4</sup>,QLE2 462<sup>4</sup>,QLE2560<sup>4</sup>,QLE2562<sup>4</sup></p> <p>HP AP767A<sup>1,2,11</sup>,AP768A<sup>1,2,11</sup>,AB429A/FC1 143<sup>4</sup>,AE369A/FC1243<sup>4</sup>,AE311A/FC114 2SR<sup>4</sup>,AE312A/FC1242SR<sup>4</sup>,A8002A/FC 2142SR<sup>15</sup>,A8003A/FC2242SR,AD168A /FC2243,AJ762A/81E<sup>9</sup>,AJ763A/82E<sup>9</sup>,A K344A/81Q<sup>4</sup>,AJ764A/82Q<sup>4</sup></p>	UltraPath	OceanStor S2200T	See <sup>6</sup>

			<p>Brocade 415<sup>1,2,11</sup>,425<sup>1,2,11</sup></p> <p>Emulex LP11000,LP11002,LP1150<sup>15</sup>,LPe11000, LPe11002,LPe1150<sup>15</sup>,LPe12000<sup>9</sup>,LPe12002<sup>9</sup>,LPe111<sup>3</sup></p> <p>QLogic QLA2460<sup>4</sup>,QLA2462<sup>4</sup>,QLE2460<sup>4</sup>,QLE2462<sup>4</sup>,QLE2560<sup>4</sup>,QLE2562<sup>4</sup></p> <p>HP AP767A<sup>1,2,11</sup>,AP768A<sup>1,2,11</sup>,AB429A/FC1143<sup>4</sup>,AE369A/FC1243<sup>4</sup>,AE311A/FC1142SR<sup>4</sup>,AE312A/FC1242SR<sup>4</sup>,A8002A/FC2142SR<sup>15</sup>,A8003A/FC2242SR,AD168A/FC2243,AJ762A/81E<sup>9</sup>,AJ763A/82E<sup>9</sup>,AK344A/81Q<sup>4</sup>,AJ764A/82Q<sup>4</sup></p>			
7	HP ProLiant Series	Microsoft Windows Server 2008 Enterprise x86 Edition SP2	<p>Brocade 415<sup>1,2,11</sup>,425<sup>1,2,11</sup>,815<sup>1,2,11</sup>,825<sup>1,2,11</sup></p> <p>Emulex LP11000<sup>10,11</sup>,LP11002<sup>10,11</sup>,LP1150<sup>13</sup>,LPe11000<sup>10,11</sup>,LPe11002<sup>10,11</sup>,LPe111,LPe1150<sup>13</sup>,LPe12000<sup>9</sup>,LPe12002<sup>9</sup>,LPe1250<sup>9</sup></p> <p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>HP AP767A<sup>1,2,11</sup>,AP768A<sup>1,2,11</sup>,AP769A<sup>1,2,11</sup>,AP770A<sup>1,2,11</sup>,AB429A/FC1143<sup>5</sup>,AE369A/FC1243<sup>5</sup>,AE311A/FC1142SR<sup>5</sup>,AE312A/FC1242SR<sup>5</sup>,A8003A/FC2242SR<sup>10,11</sup>,AD168A/FC2243<sup>10,11</sup>,AJ762A/81E<sup>9</sup>,AJ763A/82E<sup>9</sup>,AK344A/81Q<sup>5</sup>,AJ764A/82Q<sup>5</sup>,A8002A/FC2142SR<sup>13</sup></p>	UltraPath	OceanStor S2200T	See <sup>12</sup>
8	HP ProLiant Series	Microsoft Windows Server 2008 Standard x86 Edition SP2	<p>Brocade 415<sup>1,2,11</sup>,425<sup>1,2,11</sup>,815<sup>1,2,11</sup>,825<sup>1,2,11</sup></p> <p>Emulex LP11000<sup>10,11</sup>,LP11002<sup>10,11</sup>,LP1150<sup>13</sup>,LPe11000<sup>10,11</sup>,LPe11002<sup>10,11</sup>,LPe111,LPe1150<sup>13</sup></p>	UltraPath	OceanStor S2200T	See <sup>12</sup>

			<p>0<sup>13</sup>,LPe12000<sup>9</sup>,LPe12002<sup>9</sup>,LPe1250<sup>9</sup></p> <p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>HP AP767A<sup>1,2,11</sup>,AP768A<sup>1,2,11</sup>,AP769A<sup>1,2,11</sup>,AP770A<sup>1,2,11</sup>,AB429A/FC1143<sup>5</sup>,AE369A/FC1243<sup>5</sup>,AE311A/FC1142SR<sup>5</sup>,AE312A/FC1242SR<sup>5</sup>,A8003A/FC2242SR<sup>10,11</sup>,AD168A/FC2243<sup>10,11</sup>,AJ762A/81E<sup>9</sup>,AJ763A/82E<sup>9</sup>,AK344A/81Q<sup>5</sup>,AJ764A/82Q<sup>5</sup>,A8002A/FC2142SR<sup>13</sup></p>			
9	HP ProLiant Series	Microsoft Windows Server 2008 Datacenter x86 Edition SP2	<p>Brocade 415<sup>1,2,11</sup>,425<sup>1,2,11</sup>,815<sup>1,2,11</sup>,825<sup>1,2,11</sup></p> <p>Emulex LP11000<sup>10,11</sup>,LP11002<sup>10,11</sup>,LP1150<sup>13</sup>,LPe11000<sup>10,11</sup>,LPe11002<sup>10,11</sup>,LPe111,LPe1150<sup>13</sup>,LPe12000<sup>9</sup>,LPe12002<sup>9</sup>,LPe1250<sup>9</sup></p> <p>QLogic QLA2460<sup>5</sup>,QLA2462<sup>5</sup>,QLE2460<sup>5</sup>,QLE2462<sup>5</sup>,QLE2560<sup>5</sup>,QLE2562<sup>5</sup></p> <p>HP AP767A<sup>1,2,11</sup>,AP768A<sup>1,2,11</sup>,AP769A<sup>1,2,11</sup>,AP770A<sup>1,2,11</sup>,AB429A/FC1143<sup>5</sup>,AE369A/FC1243<sup>5</sup>,AE311A/FC1142SR<sup>5</sup>,AE312A/FC1242SR<sup>5</sup>,A8003A/FC2242SR<sup>10,11</sup>,AD168A/FC2243<sup>10,11</sup>,AJ762A/81E<sup>9</sup>,AJ763A/82E<sup>9</sup>,AK344A/81Q<sup>5</sup>,AJ764A/82Q<sup>5</sup>,A8002A/FC2142SR<sup>13</sup></p>	UltraPath	OceanStor S2200T	See <sup>12</sup>
10	HP ProLiant Series	Microsoft Windows 7 Enterprise x86 Edition SP1	<p>Emulex LP11000,LP11002,LPe11000,LPe11002</p> <p>HP AD168A/FC2243,A8003A/FC2242SR</p>	UltraPath	OceanStor S2200T	See <sup>19</sup>
11	HP ProLiant Series	Microsoft Windows 8 Enterprise x86 Edition	ATTO Celerity FC-81EN <sup>17</sup> ,FC-82EN <sup>17</sup>	UltraPath <sup>18</sup>	OceanStor S2200T	See <sup>21</sup>
12	HP c7000 BL460c G7	Microsoft Windows Server 2003 Enterprise x86 Edition SP2	<p>Emulex LPe1105-HP<sup>14</sup></p> <p>HP 403621-B21<sup>14</sup></p>	UltraPath	OceanStor S2200T	See <sup>6</sup>

1. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
2. HBA driver version is 2.3.0.0.
3. HBA driver version is 5.1.20.4-1.
4. HBA driver version is 9.1.8.25.
5. HBA driver version is 9.1.9.27.
6. Microsoft storport hotfix Q957910 is required. For detail information, please see <http://support.microsoft.com/kb/957910/en-us>. To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnun=957910&kbln=en-us>.
7. HBA driver version is 2.50.2.0.
8. HBA driver version is 1.32.2.0.
9. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
10. HBA driver version is 5.2.50.7,firmware version is 2.82A4.
11. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection.The CLI command is:chportparam -c controller id -if interface module id -p port id -d 500.
12. Microsoft storport.sys hotfix Q968675 is required. For detail information, please see <http://support.microsoft.com/kb/968675/en-us> .To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnun=968675&kbln=en-us> .
13. HBA driver version is 2.50.007.
14. HBA driver version is 5.2.50.7.
15. HBA driver version is 5.2.41.002,firmware version is 2.10A10.
16. Microsoft storport.sys hotfix Q931311 is required. For detail information, please see <http://support.microsoft.com/kb/931311/en-us> .To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnun=931311&kbln=en-us> .
17. HBA driver version is 1.50.2.0.
18. It is required to install KB2822241 if KB2779768 has been installed in the server, otherwise the MultiPath Software will not take effect. To obtain this hotfix, fill out the hotfix request form at <http://www.microsoft.com/en-us/download/details.aspx?id=38240>.
19. Emulex does not claim to support this operating system.
20. HBA driver version is 5.2.42.0.
21. The disk storage system is not support the function of Thin Provision.

## Huawei

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Huawei RH Series	Microsoft Windows Server 2003 Enterprise x86 Edition SP2	ATTO Celerity FC-41ES <sup>8</sup> ,FC-42ES <sup>8</sup> ,FC-81EN <sup>9</sup> ,FC-82EN <sup>9</sup>  Brocade 415 <sup>1,2,12</sup> ,425 <sup>1,2,12</sup>  Emulex LP9802 <sup>20</sup> ,LP11000,LP11002,LPe11000,LPe11002,LPe12000 <sup>10</sup> ,LPe12002 <sup>10</sup> ,LPe111 <sup>3</sup>  QLogic QLA2460 <sup>4</sup> ,QLA2462 <sup>4</sup> ,QLE2460 <sup>4</sup> ,QLE2462 <sup>4</sup> ,QLE2560 <sup>4</sup> ,QLE2562 <sup>4</sup>	UltraPath	OceanStor S2200T	See <sup>7,16</sup>

2	Huawei RH Series	Microsoft Windows Server 2003 Standard x86 Edition SP2	<p>ATTO Celerity FC-41ES<sup>8</sup>,FC-42ES<sup>8</sup>,FC-81EN<sup>9</sup>,FC-82EN<sup>9</sup></p> <p>Brocade 415<sup>1,2,12</sup>,425<sup>1,2,12</sup></p> <p>Emulex LP9802<sup>20</sup>,LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>10</sup>,LPe12002<sup>10</sup>,LPe111<sup>3</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560<sup>4</sup>,QLE2562<sup>4</sup></p>	UltraPath	OceanStor S2200T	See <sup>7,16</sup>
3	Huawei RH Series	Microsoft Windows Server 2003 Datacenter x86 Edition SP2	<p>ATTO Celerity FC-41ES<sup>8</sup>,FC-42ES<sup>8</sup>,FC-81EN<sup>9</sup>,FC-82EN<sup>9</sup></p> <p>Brocade 415<sup>1,2,12</sup>,425<sup>1,2,12</sup></p> <p>Emulex LP9802<sup>20</sup>,LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>10</sup>,LPe12002<sup>10</sup>,LPe111<sup>3</sup></p> <p>QLogic QLA2460<sup>4</sup>,QLA2462<sup>4</sup>,QLE2460<sup>4</sup>,QLE2462<sup>4</sup>,QLE2560<sup>4</sup>,QLE2562<sup>4</sup></p>	UltraPath	OceanStor S2200T	See <sup>7,16</sup>
4	Huawei RH Series	Microsoft Windows Server 2003 R2 Enterprise x86 Edition SP2	<p>ATTO Celerity FC-41ES<sup>8</sup>,FC-42ES<sup>8</sup>,FC-81EN<sup>9</sup>,FC-82EN<sup>9</sup></p> <p>Brocade 415<sup>1,2,12</sup>,425<sup>1,2,12</sup></p> <p>Emulex LP11000,LP11002,LP1150<sup>15</sup>,LPe11000,LPe11002,LPe1150<sup>15</sup>,LPe12000<sup>10</sup>,LPe12002<sup>10</sup>,LPe111<sup>3</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560<sup>4</sup>,QLE2562<sup>4</sup></p>	UltraPath	OceanStor S2200T	See <sup>7</sup>
5	Huawei RH Series	Microsoft Windows Server 2003 R2 Standard x86 Edition	<p>ATTO Celerity FC-41ES<sup>8</sup>,FC-42ES<sup>8</sup>,FC-81EN<sup>9</sup>,FC-82EN<sup>9</sup></p>	UltraPath	OceanStor S2200T	See <sup>7</sup>

		SP2	<p>N<sup>9</sup></p> <p>Brocade 415<sup>1,2,12</sup>,425<sup>1,2,12</sup></p> <p>Emulex LP11000,LP11002,LP1150<sup>15</sup>,LPe11000, LPe11002,LPe1150<sup>15</sup>,LPe12000<sup>10</sup>,LPe1 2002<sup>10</sup>,LPe111<sup>3</sup></p> <p>QLogic QLA2460<sup>4</sup>,QLA2462<sup>4</sup>,QLE2460<sup>4</sup>,QLE2 462<sup>4</sup>,QLE2560<sup>4</sup>,QLE2562<sup>4</sup></p>			
6	Huawei RH Series	Microsoft Windows Server 2003 R2 Datacenter x86 Edition SP2	<p>ATTO Celerity FC-41ES<sup>8</sup>,FC-42ES<sup>8</sup>,FC-81EN<sup>9</sup>,FC-82E N<sup>9</sup></p> <p>Brocade 415<sup>1,2,12</sup>,425<sup>1,2,12</sup></p> <p>Emulex LP11000,LP11002,LP1150<sup>15</sup>,LPe11000, LPe11002,LPe1150<sup>15</sup>,LPe12000<sup>10</sup>,LPe1 2002<sup>10</sup>,LPe111<sup>3</sup></p> <p>QLogic QLA2460<sup>4</sup>,QLA2462<sup>4</sup>,QLE2460<sup>4</sup>,QLE2 462<sup>4</sup>,QLE2560<sup>4</sup>,QLE2562<sup>4</sup></p>	UltraPath	OceanStor S2200T	See <sup>7</sup>
7	Huawei RH Series	Microsoft Windows Server 2008 Enterprise x86 Edition SP2	<p>Brocade 415<sup>1,2,12</sup>,425<sup>1,2,12</sup>,815<sup>1,2,12</sup>,825<sup>1,2,12</sup></p> <p>Emulex LP11000<sup>11,12</sup>,LP11002<sup>11,12</sup>,LP1150<sup>14</sup>,LPe 11000<sup>11,12</sup>,LPe11002<sup>11,12</sup>,LPe111,LPe115 0<sup>14</sup>,LPe12000<sup>10</sup>,LPe12002<sup>10</sup>,LPe1250<sup>10</sup></p> <p>QLogic QLA2460<sup>6</sup>,QLA2462<sup>6</sup>,QLE2460<sup>6</sup>,QLE2 462<sup>6</sup>,QLE2560<sup>6</sup>,QLE2562<sup>6</sup></p>	UltraPath	OceanStor S2200T	See <sup>13</sup>
8	Huawei RH Series	Microsoft Windows Server 2008 Standard x86 Edition SP2	<p>Brocade 415<sup>1,2,12</sup>,425<sup>1,2,12</sup>,815<sup>1,2,12</sup>,825<sup>1,2,12</sup></p> <p>Emulex LP11000<sup>11,12</sup>,LP11002<sup>11,12</sup>,LP1150<sup>14</sup>,LPe 11000<sup>11,12</sup>,LPe11002<sup>11,12</sup>,LPe111,LPe115 0<sup>14</sup>,LPe12000<sup>10</sup>,LPe12002<sup>10</sup>,LPe1250<sup>10</sup></p>	UltraPath	OceanStor S2200T	See <sup>13</sup>



			QLogic QLA2460 <sup>6</sup> ,QLA2462 <sup>6</sup> ,QLE2460 <sup>6</sup> ,QLE2462 <sup>6</sup> ,QLE2560 <sup>6</sup> ,QLE2562 <sup>6</sup>			
9	Huawei RH Series	Microsoft Windows Server 2008 Datacenter x86 Edition SP2	Brocade 415 <sup>1,2,12</sup> ,425 <sup>1,2,12</sup> ,815 <sup>1,2,12</sup> ,825 <sup>1,2,12</sup>  Emulex LP11000 <sup>11,12</sup> ,LP11002 <sup>11,12</sup> ,LP1150 <sup>14</sup> ,LPe11000 <sup>11,12</sup> ,LPe11002 <sup>11,12</sup> ,LPe111,LPe1150 <sup>14</sup> ,LPe12000 <sup>10</sup> ,LPe12002 <sup>10</sup> ,LPe1250 <sup>10</sup>  QLogic QLA2460 <sup>6</sup> ,QLA2462 <sup>6</sup> ,QLE2460 <sup>6</sup> ,QLE2462 <sup>6</sup> ,QLE2560 <sup>6</sup> ,QLE2562 <sup>6</sup>	UltraPath	OceanStor S2200T	See <sup>13</sup>
10	Huawei RH Series	Microsoft Windows 7 Enterprise x86 Edition SP1	Emulex LP11000,LP11002,LPe11000,LPe11002	UltraPath	OceanStor S2200T	See <sup>19</sup>
11	Huawei RH Series	Microsoft Windows 8 Enterprise x86 Edition	ATTO Celerity FC-81EN <sup>17</sup> ,FC-82EN <sup>17</sup>	UltraPath <sup>18</sup>	OceanStor S2200T	See <sup>21</sup>
12	Huawei E6000 BH620	Microsoft Windows Server 2003 Enterprise x86 Edition SP2	Huawei QFMA	UltraPath	OceanStor S2200T	See <sup>5</sup>
13	Huawei E6000 BH622V2	Microsoft Windows Server 2008 Enterprise x86 Edition SP2	Huawei MU220	UltraPath	OceanStor S2200T	See <sup>13</sup>

1. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
2. HBA driver version is 2.3.0.0.
3. HBA driver version is 5.1.20.4-1.
4. HBA driver version is 9.1.8.25.
5. HBA driver version is 5.2.3790.0.
6. HBA driver version is 9.1.9.27.
7. Microsoft storport hotfix Q957910 is required. For detail information, please see <http://support.microsoft.com/kb/957910/en-us>. To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnun=957910&kbln=en-us>.
8. HBA driver version is 2.50.2.0.
9. HBA driver version is 1.32.2.0.
10. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
11. HBA driver version is 5.2.50.7,firmware version is 2.82A4.
12. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection.The CLI command is:chportparam -c controller id -if interface module id -p port id -d 500.
13. Microsoft storport.sys hotfix Q968675 is required. For detail information, please see <http://support.microsoft.com/kb/968675/en-us> .To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnun=968675&kbln=en-us> .
14. HBA driver version is 2.50.007.
15. HBA driver version is 5.2.41.002,firmware version is 2.10A10.
16. Microsoft storport.sys hotfix Q931311 is required. For detail information, please see <http://support.microsoft.com/kb/931311/en-us> .To obtain this hotfix, fill out

the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnm=931311&kbln=en-us> .

17. HBA driver version is 1.50.2.0.
18. It is required to install KB2822241 if KB2779768 has been installed in the server, otherwise the MultiPath Software will not take effect. To obtain this hotfix, fill out the hotfix request form at <http://www.microsoft.com/en-us/download/details.aspx?id=38240>.
19. Emulex does not claim to support this operating system.
20. HBA driver version is 5.2.42.0.
21. The disk storage system is not support the function of Thin Provision.

## IBM

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	IBM xSeries	Microsoft Windows Server 2003 Enterprise x86 Edition SP2	ATTO Celerity FC-41ES <sup>9</sup> ,FC-42ES <sup>9</sup> ,FC-81EN <sup>10</sup> ,FC-82 EN <sup>10</sup>  Brocade 415 <sup>1,2,13</sup> ,425 <sup>1,2,13</sup>  Emulex LP9802 <sup>21</sup> ,LP11000,LP11002,LPe11000, LPe11002,LPe12000 <sup>11</sup> ,LPe12002 <sup>11</sup> ,LPe1 11 <sup>3</sup>  QLogic QLA2460 <sup>4</sup> ,QLA2462 <sup>4</sup> ,QLE2460 <sup>4</sup> ,QLE2 462 <sup>4</sup> ,QLE2560 <sup>4</sup> ,QLE2562 <sup>4</sup>  IBM 39M5894 <sup>4</sup> ,39M5895 <sup>4</sup> ,39R6525 <sup>4</sup> ,39R652 7 <sup>4</sup> ,42C2069,42C2071,42D0405,42D040 7,42D0485 <sup>11</sup> ,42D0494 <sup>11</sup> ,42D0501 <sup>4</sup> ,42D 0510 <sup>4</sup> ,59Y1987 <sup>1,2,13</sup> ,59Y1993 <sup>1,2,13</sup>	UltraPath	OceanStor S2200T	See <sup>8,17</sup>
2	IBM xSeries	Microsoft Windows Server 2003 Standard x86 Edition SP2	ATTO Celerity FC-41ES <sup>9</sup> ,FC-42ES <sup>9</sup> ,FC-81EN <sup>10</sup> ,FC-82 EN <sup>10</sup>  Brocade 415 <sup>1,2,13</sup> ,425 <sup>1,2,13</sup>  Emulex LP9802 <sup>21</sup> ,LP11000,LP11002,LPe11000, LPe11002,LPe12000 <sup>11</sup> ,LPe12002 <sup>11</sup> ,LPe1 11 <sup>3</sup>  QLogic QLA2460 <sup>4</sup> ,QLA2462 <sup>4</sup> ,QLE2460 <sup>4</sup> ,QLE2	UltraPath	OceanStor S2200T	See <sup>8,17</sup>

			<p>462<sup>4</sup>,QLE2560<sup>4</sup>,QLE2562<sup>4</sup></p> <p>IBM</p> <p>39M5894<sup>4</sup>,39M5895<sup>4</sup>,39R6525<sup>4</sup>,39R6527<sup>4</sup>,42C2069,42C2071,42D0405,42D0407,42D0485<sup>11</sup>,42D0494<sup>11</sup>,42D0501<sup>4</sup>,42D0510<sup>4</sup>,59Y1987<sup>1,2,13</sup>,59Y1993<sup>1,2,13</sup></p>			
3	IBM xSeries	Microsoft Windows Server 2003 Datacenter x86 Edition SP2	<p>ATTO Celerity</p> <p>FC-41ES<sup>9</sup>,FC-42ES<sup>9</sup>,FC-81EN<sup>10</sup>,FC-82EN<sup>10</sup></p> <p>Brocade 415<sup>1,2,13</sup>,425<sup>1,2,13</sup></p> <p>Emulex</p> <p>LP9802<sup>21</sup>,LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>11</sup>,LPe12002<sup>11</sup>,LPe111<sup>3</sup></p> <p>QLogic</p> <p>QLA2460<sup>4</sup>,QLA2462<sup>4</sup>,QLE2460<sup>4</sup>,QLE2462<sup>4</sup>,QLE2560<sup>4</sup>,QLE2562<sup>4</sup></p> <p>IBM</p> <p>39M5894,39M5895,39R6525,39R6527,42C2069,42C2071,42D0405,42D0407,42D0485<sup>11</sup>,42D0494<sup>11</sup>,42D0501<sup>4</sup>,42D0510<sup>4</sup>,59Y1987<sup>1,2,13</sup>,59Y1993<sup>1,2,13</sup></p>	UltraPath	OceanStor S2200T	See <sup>8,17</sup>
4	IBM xSeries	Microsoft Windows Server 2003 R2 Enterprise x86 Edition SP2	<p>ATTO Celerity</p> <p>FC-41ES<sup>9</sup>,FC-42ES<sup>9</sup>,FC-81EN<sup>10</sup>,FC-82EN<sup>10</sup></p> <p>Brocade 415<sup>1,2,13</sup>,425<sup>1,2,13</sup></p> <p>Emulex</p> <p>LP11000,LP11002,LP1150<sup>16</sup>,LPe11000,LPe11002,LPe1150<sup>16</sup>,LPe12000<sup>11</sup>,LPe12002<sup>11</sup>,LPe111<sup>3</sup></p> <p>QLogic</p> <p>QLA2460<sup>4</sup>,QLA2462<sup>4</sup>,QLE2460<sup>4</sup>,QLE2462<sup>4</sup>,QLE2560<sup>4</sup>,QLE2562<sup>4</sup></p> <p>IBM</p> <p>39M5894<sup>4</sup>,39M5895<sup>4</sup>,39R6525<sup>4</sup>,39R6527<sup>4</sup></p>	UltraPath	OceanStor S2200T	See <sup>8</sup>

			7 <sup>4</sup> ,42C2069,42C2071,42D0405,42D040 7,42D0485 <sup>11</sup> ,42D0494 <sup>11</sup> ,42D0501 <sup>4</sup> ,42D 0510 <sup>4</sup> ,59Y1987 <sup>1,2,13</sup> ,59Y1993 <sup>1,2,13</sup>			
5	IBM xSeries	Microsoft Windows Server 2003 R2 Standard x86 Edition SP2	ATTO Celerity FC-41ES <sup>9</sup> ,FC-42ES <sup>9</sup> ,FC-81EN <sup>10</sup> ,FC-82 EN <sup>10</sup>  Brocade 415 <sup>1,2,13</sup> ,425 <sup>1,2,13</sup>  Emulex LP11000,LP11002,LP1150 <sup>16</sup> ,LPe11000, LPe11002,LPe1150 <sup>16</sup> ,LPe12000 <sup>11</sup> ,LPe12 002 <sup>11</sup> ,LPe111 <sup>3</sup>  QLogic QLA2460 <sup>4</sup> ,QLA2462 <sup>4</sup> ,QLE2460 <sup>4</sup> ,QLE2 462 <sup>4</sup> ,QLE2560 <sup>4</sup> ,QLE2562 <sup>4</sup>  IBM 39M5894 <sup>4</sup> ,39M5895 <sup>4</sup> ,39R6525 <sup>4</sup> ,39R652 7 <sup>4</sup> ,42C2069,42C2071,42D0405,42D040 7,42D0485 <sup>11</sup> ,42D0494 <sup>11</sup> ,42D0501 <sup>4</sup> ,42D 0510 <sup>4</sup> ,59Y1987 <sup>1,2,13</sup> ,59Y1993 <sup>1,2,13</sup>	UltraPath	OceanStor S2200T	See <sup>8</sup>
6	IBM xSeries	Microsoft Windows Server 2003 R2 Datacenter x86 Edition SP2	ATTO Celerity FC-41ES <sup>9</sup> ,FC-42ES <sup>9</sup> ,FC-81EN <sup>10</sup> ,FC-82 EN <sup>10</sup>  Brocade 415 <sup>1,2,13</sup> ,425 <sup>1,2,13</sup>  Emulex LP11000,LP11002,LP1150 <sup>16</sup> ,LPe11000, LPe11002,LPe1150 <sup>16</sup> ,LPe12000 <sup>11</sup> ,LPe12 002 <sup>11</sup> ,LPe111 <sup>3</sup>  QLogic QLA2460 <sup>4</sup> ,QLA2462 <sup>4</sup> ,QLE2460 <sup>4</sup> ,QLE2 462 <sup>4</sup> ,QLE2560 <sup>4</sup> ,QLE2562 <sup>4</sup>  IBM 39M5894 <sup>4</sup> ,39M5895 <sup>4</sup> ,39R6525 <sup>4</sup> ,39R652 7 <sup>4</sup> ,42C2069 <sup>13</sup> ,42C2071 <sup>13</sup> ,42D0405 <sup>13</sup> ,42 D0407 <sup>13</sup> ,42D0485 <sup>11</sup> ,42D0494 <sup>11</sup> ,42D050 1 <sup>4</sup> ,42D0510 <sup>4</sup> ,59Y1987 <sup>1,2,13</sup> ,59Y1993 <sup>1,2,13</sup>	UltraPath	OceanStor S2200T	See <sup>8</sup>
7	IBM xSeries	Microsoft Windows Server	Brocade	UltraPath	OceanStor S2200T	See <sup>14</sup>

		2008 Enterprise x86 Edition SP2	<p>415<sup>1,2,13</sup>,425<sup>1,2,13</sup>,815<sup>1,2,13</sup>,825<sup>1,2,13</sup></p> <p>Emulex LP11000<sup>12,13</sup>,LP11002<sup>12,13</sup>,LP1150<sup>15</sup>,LPe11000<sup>12,13</sup>,LPe11002<sup>12,13</sup>,LPe111,LPe1150<sup>15</sup>,LPe12000<sup>11</sup>,LPe12002<sup>11</sup>,LPe1250<sup>11</sup></p> <p>QLogic QLA2460<sup>7</sup>,QLA2462<sup>7</sup>,QLE2460<sup>7</sup>,QLE2462<sup>7</sup>,QLE2560<sup>7</sup>,QLE2562<sup>7</sup></p> <p>IBM 39M5894<sup>7</sup>,39M5895<sup>7</sup>,39R6525<sup>7</sup>,39R6527<sup>7</sup>,42C2069<sup>13</sup>,42C2071<sup>13</sup>,42D0405<sup>13</sup>,42D0407<sup>13</sup>,42D0485<sup>11</sup>,42D0494<sup>11</sup>,42D0501<sup>7</sup>,42D0510<sup>7</sup>,59Y1987<sup>1,2,13</sup>,59Y1993<sup>1,2,13</sup>,46M6049<sup>1,2,13</sup>,46M6050<sup>1,2,13</sup></p>			
8	IBM xSeries	Microsoft Windows Server 2008 Standard x86 Edition SP2	<p>Brocade 415<sup>1,2,13</sup>,425<sup>1,2,13</sup>,815<sup>1,2,13</sup>,825<sup>1,2,13</sup></p> <p>Emulex LP11000<sup>12,13</sup>,LP11002<sup>12,13</sup>,LP1150<sup>15</sup>,LPe11000<sup>12,13</sup>,LPe11002<sup>12,13</sup>,LPe111,LPe1150<sup>15</sup>,LPe12000<sup>11</sup>,LPe12002<sup>11</sup>,LPe1250<sup>11</sup></p> <p>QLogic QLA2460<sup>7</sup>,QLA2462<sup>7</sup>,QLE2460<sup>7</sup>,QLE2462<sup>7</sup>,QLE2560<sup>7</sup>,QLE2562<sup>7</sup></p> <p>IBM 39M5894<sup>7</sup>,39M5895<sup>7</sup>,39R6525<sup>7</sup>,39R6527<sup>7</sup>,42C2069<sup>13</sup>,42C2071<sup>13</sup>,42D0405<sup>13</sup>,42D0407<sup>13</sup>,42D0485<sup>11</sup>,42D0494<sup>11</sup>,42D0501<sup>7</sup>,42D0510<sup>7</sup>,59Y1987<sup>1,2,13</sup>,59Y1993<sup>1,2,13</sup>,46M6049<sup>1,2,13</sup>,46M6050<sup>1,2,13</sup></p>	UltraPath	OceanStor S2200T	See <sup>14</sup>
9	IBM xSeries	Microsoft Windows Server 2008 Datacenter x86 Edition SP2	<p>Brocade 415<sup>1,2,13</sup>,425<sup>1,2,13</sup>,815<sup>1,2,13</sup>,825<sup>1,2,13</sup></p> <p>Emulex LP11000<sup>12,13</sup>,LP11002<sup>12,13</sup>,LP1150<sup>15</sup>,LPe11000<sup>12,13</sup>,LPe11002<sup>12,13</sup>,LPe111,LPe1150<sup>15</sup>,LPe12000<sup>11</sup>,LPe12002<sup>11</sup>,LPe1250<sup>11</sup></p> <p>QLogic</p>	UltraPath	OceanStor S2200T	See <sup>14</sup>

			QLA2460 <sup>7</sup> ,QLA2462 <sup>7</sup> ,QLE2460 <sup>7</sup> ,QLE2462 <sup>7</sup> ,QLE2560 <sup>7</sup> ,QLE2562 <sup>7</sup>  IBM 39M5894 <sup>7</sup> ,39M5895 <sup>7</sup> ,39R6525 <sup>7</sup> ,39R6527 <sup>7</sup> ,42C2069 <sup>13</sup> ,42C2071 <sup>13</sup> ,42D0405 <sup>13</sup> ,42D0407 <sup>13</sup> ,42D0485 <sup>11</sup> ,42D0494 <sup>11</sup> ,42D0501 <sup>7</sup> ,42D0510 <sup>7</sup> ,59Y1987 <sup>1,2,13</sup> ,59Y1993 <sup>1,2,13</sup> ,46M6049 <sup>1,2,13</sup> ,46M6050 <sup>1,2,13</sup>			
10	IBM xSeries	Microsoft Windows 7 Enterprise x86 Edition SP1	Emulex LP11000,LP11002,LPe11000,LPe11002  IBM 42D0405,42D0407,42C2069,42C2071	UltraPath	OceanStor S2200T	See <sup>20</sup>
11	IBM xSeries	Microsoft Windows 8 Enterprise x86 Edition	ATTO Celerity FC-81EN <sup>18</sup> ,FC-82EN <sup>18</sup>	UltraPath <sup>19</sup>	OceanStor S2200T	See <sup>22</sup>
12	IBM HS22	Microsoft Windows Server 2003 R2 Enterprise x86 Edition SP2	Emulex LPe1205 <sup>5</sup>  QLogic QMI2572 <sup>6</sup>	UltraPath	OceanStor S2200T	See <sup>22</sup>

1. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
2. HBA driver version is 2.3.0.0.
3. HBA driver version is 5.1.20.3.
4. HBA driver version is 9.1.8.25.
5. HBA driver version is 5.2.20.6.
6. HBA driver version is 9.1.8.35.
7. HBA driver version is 9.1.9.27.
8. Microsoft storport hotfix Q957910 is required. For detail information, please see <http://support.microsoft.com/kb/957910/en-us>. To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnm=957910&kbln=en-us>.
9. HBA driver version is 2.50.2.0.
10. HBA driver version is 1.32.2.0.
11. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
12. HBA driver version is 5.2.50.7,firmware version is 2.82A4.
13. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection.The CLI command is:chgpportparam -c controller id -if interface module id -p port id -d 500.
14. Microsoft storport.sys hotfix Q968675 is required. For detail information, please see <http://support.microsoft.com/kb/968675/en-us> .To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnm=968675&kbln=en-us> .
15. HBA driver version is 2.50.007.
16. HBA driver version is 5.2.41.002,firmware version is 2.10A10.
17. Microsoft storport.sys hotfix Q931311 is required. For detail information, please see <http://support.microsoft.com/kb/931311/en-us> .To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnm=931311&kbln=en-us> .
18. HBA driver version is 1.50.2.0.
19. It is required to install KB2822241 if KB2779768 has been installed in the server, otherwise the MultiPath Software will not take effect. To obtain this hotfix, fill out the hotfix request form at <http://www.microsoft.com/en-us/download/details.aspx?id=38240>.
20. Emulex does not claim to support this operating system.

21. HBA driver version is 5.2.42.0.
22. The disk storage system is not support the function of Thin Provision.

## Oracle Enterprise Linux UEK x86\_64

### Cisco

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Cisco UCS C210 M2	Oracle Enterprise Linux UEK 6.2 for x86_64	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>	DM-Multipath	OceanStor S2200T	See <sup>2,3</sup>
			QLogic QLE2560,QLE2562			
			Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>	UltraPath	OceanStor S2200T	
			QLogic QLE2560,QLE2562			

1. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
2. The disk storage system must enable ALUA function.
3. For the detail configuration of DM-Multipath,please contact the technical service centre of Huawei Technologies Co., Ltd..

### Dell

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Dell PowerEdge Series	Oracle Enterprise Linux UEK 5.7 for x86_64	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  Dell LPe12000-E <sup>1</sup> ,LPe12002-E <sup>1</sup>		OceanStor S2200T	
2	Dell PowerEdge Series	Oracle Enterprise Linux UEK 5.8 for x86_64	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  Dell LPe12000-E <sup>1</sup> ,LPe12002-E <sup>1</sup>	UltraPath	OceanStor S2200T	
3	Dell PowerEdge Series	Oracle Enterprise Linux UEK 5.9 for x86_64	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  Dell LPe12000-E <sup>1</sup> ,LPe12002-E <sup>1</sup>		OceanStor S2200T	
4	Dell PowerEdge Series	Oracle Enterprise Linux UEK 5.10 for x86_64	QLogic QLE2560,QLE2562  Dell H144C,F641C	DM-Multipath	OceanStor S2200T	See <sup>2,3</sup>
5	Dell PowerEdge Series	Oracle Enterprise Linux UEK 6.0 for x86_64	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  Dell LPe12000-E <sup>1</sup> ,LPe12002-E <sup>1</sup>	UltraPath	OceanStor S2200T	
6	Dell PowerEdge Series	Oracle Enterprise Linux UEK 6.1 for x86_64	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562  Dell H144C,F641C,LPe12000-E <sup>1</sup> ,LPe12002-E <sup>1</sup>	UltraPath	OceanStor S2200T	
7	Dell PowerEdge	Oracle Enterprise Linux UEK 6.2 for x86_64	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>	DM-Multipath	OceanStor S2200T	See <sup>2,3</sup>

	Series		QLogic QLE2560,QLE2562  Dell H144C,F641C,LPe12000-E <sup>1</sup> ,LPe12002-E <sup>1</sup>			
			Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562  Dell H144C,F641C,LPe12000-E <sup>1</sup> ,LPe12002-E <sup>1</sup>	UltraPath	OceanStor S2200T	
8	Dell PowerEdge Series	Oracle Enterprise Linux UEK 6.3 for x86_64	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup> ,LPe1250 <sup>1</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562  Dell LPe12000-E <sup>1</sup> ,LPe12002-E <sup>1</sup> ,PF323,FH590,DH226,FF340,H144C,F641C	UltraPath	OceanStor S2200T	
9	Dell PowerEdge Series	Oracle Enterprise Linux UEK 6.4 for x86_64	QLogic QLE2560,QLE2562  Dell H144C,F641C	DM-Multipath	OceanStor S2200T	See <sup>2,3</sup>
			Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562  Dell H144C,F641C,LPe12000-E <sup>1</sup> ,LPe12002-E <sup>1</sup>	UltraPath	OceanStor S2200T	
10	Dell PowerEdge Series	Oracle Enterprise Linux UEK 6.5 for x86_64	QLogic QLE2560,QLE2562  Dell H144C,F641C	DM-Multipath	OceanStor S2200T	See <sup>2,3</sup>

1. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
2. The disk storage system must enable ALUA function.
3. For the detail configuration of DM-Multipath, please contact the technical service centre of Huawei Technologies Co., Ltd..

## HP

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	HP ProLiant Series	Oracle Enterprise Linux UEK 5.7 for x86_64	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>		OceanStor S2200T	



			HP AJ762A/81E <sup>1</sup> ,AJ763A/82E <sup>1</sup>			
2	HP ProLiant Series	Oracle Enterprise Linux UEK 5.8 for x86_64	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  HP AJ762A/81E <sup>1</sup> ,AJ763A/82E <sup>1</sup>	UltraPath	OceanStor S2200T	
3	HP ProLiant Series	Oracle Enterprise Linux UEK 5.9 for x86_64	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  HP AJ762A/81E <sup>1</sup> ,AJ763A/82E <sup>1</sup>		OceanStor S2200T	
4	HP ProLiant Series	Oracle Enterprise Linux UEK 5.10 for x86_64	QLogic QLE2560,QLE2562  HP AK344A/81Q,AJ764A/82Q	DM-Multipath	OceanStor S2200T	See <sup>2,3</sup>
5	HP ProLiant Series	Oracle Enterprise Linux UEK 6.0 for x86_64	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  HP AJ762A/81E <sup>1</sup> ,AJ763A/82E <sup>1</sup>	UltraPath	OceanStor S2200T	
6	HP ProLiant Series	Oracle Enterprise Linux UEK 6.1 for x86_64	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562  HP AK344A/81Q,AJ764A/82Q,AJ762A/81E <sup>1</sup> ,AJ763A/82E <sup>1</sup>	UltraPath	OceanStor S2200T	
7	HP ProLiant Series	Oracle Enterprise Linux UEK 6.2 for x86_64	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562  HP AK344A/81Q,AJ764A/82Q,AJ762A/81E <sup>1</sup> ,AJ763A/82E <sup>1</sup>	DM-Multipath	OceanStor S2200T	See <sup>2,3</sup>
			Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562  HP AK344A/81Q,AJ764A/82Q,AJ762A/81E <sup>1</sup> ,AJ763A/82E <sup>1</sup>	UltraPath	OceanStor S2200T	
8	HP ProLiant Series	Oracle Enterprise Linux UEK 6.3 for x86_64	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup> ,LPe1250 <sup>1</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562  HP AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,	UltraPath	OceanStor S2200T	

			AK344A/81Q,AJ764A/82Q,AJ762A/81E <sup>1</sup> ,AJ763A/82E <sup>1</sup>			
9	HP ProLiant Series	Oracle Enterprise Linux UEK 6.4 for x86_64	QLogic QLE2560,QLE2562	DM-Multipath	OceanStor S2200T	See <sup>2,3</sup>
			HP AK344A/81Q,AJ764A/82Q	UltraPath	OceanStor S2200T	
			Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>			
			QLogic QLE2560,QLE2562			
			HP AK344A/81Q,AJ764A/82Q,AJ762A/81E <sup>1</sup> ,AJ763A/82E <sup>1</sup>			
10	HP ProLiant Series	Oracle Enterprise Linux UEK 6.5 for x86_64	QLogic QLE2560,QLE2562	DM-Multipath	OceanStor S2200T	See <sup>2,3</sup>
			HP AK344A/81Q,AJ764A/82Q			
11	HP c7000 BL460c G7	Oracle Enterprise Linux UEK 5.8 for x86_64	QLogic QMH2462	DM-Multipath	OceanStor S2200T	See <sup>2,3</sup>
			HP 403619-B21			

1. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
2. The disk storage system must enable ALUA function.
3. For the detail configuration of DM-Multipath, please contact the technical service centre of Huawei Technologies Co., Ltd..

## Huawei

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Huawei RH Series	Oracle Enterprise Linux UEK 5.7 for x86_64	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>		OceanStor S2200T	
2	Huawei RH Series	Oracle Enterprise Linux UEK 5.8 for x86_64	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>	UltraPath	OceanStor S2200T	
3	Huawei RH Series	Oracle Enterprise Linux UEK 5.9 for x86_64	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>		OceanStor S2200T	
4	Huawei RH Series	Oracle Enterprise Linux UEK 5.10 for x86_64	QLogic QLE2560,QLE2562	DM-Multipath	OceanStor S2200T	See <sup>2,3</sup>
5	Huawei RH Series	Oracle Enterprise Linux UEK 6.0 for x86_64	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>	UltraPath	OceanStor S2200T	
6	Huawei RH Series	Oracle Enterprise Linux UEK 6.1 for x86_64	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>	UltraPath	OceanStor S2200T	
			QLogic QLE2560,QLE2562			
7	Huawei RH Series	Oracle Enterprise Linux UEK 6.2 for x86_64	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>	DM-Multipath	OceanStor S2200T	See <sup>2,3</sup>
			QLogic QLE2560,QLE2562			
			Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>	UltraPath	OceanStor S2200T	
			QLogic QLE2560,QLE2562			
8	Huawei RH	Oracle Enterprise Linux UEK	Emulex	UltraPath	OceanStor S2200T	

	Series	6.3 for x86_64	LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup> ,LPe1250 <sup>1</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562			
9	Huawei RH Series	Oracle Enterprise Linux UEK 6.4 for x86_64	QLogic QLE2560,QLE2562	DM-Multipath	OceanStor S2200T	See <sup>2,3</sup>
			Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	
10	Huawei RH Series	Oracle Enterprise Linux UEK 6.5 for x86_64	QLogic QLE2560,QLE2562	DM-Multipath	OceanStor S2200T	See <sup>2,3</sup>

1. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
2. The disk storage system must enable ALUA function.
3. For the detail configuration of DM-Multipath, please contact the technical service centre of Huawei Technologies Co., Ltd..

## IBM

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	IBM xSeries	Oracle Enterprise Linux UEK 5.7 for x86_64	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  IBM 42D0485 <sup>1</sup> ,42D0494 <sup>1</sup>		OceanStor S2200T	
2	IBM xSeries	Oracle Enterprise Linux UEK 5.8 for x86_64	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  IBM 42D0485 <sup>1</sup> ,42D0494 <sup>1</sup>	UltraPath	OceanStor S2200T	
3	IBM xSeries	Oracle Enterprise Linux UEK 5.9 for x86_64	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  IBM 42D0485 <sup>1</sup> ,42D0494 <sup>1</sup>		OceanStor S2200T	
4	IBM xSeries	Oracle Enterprise Linux UEK 5.10 for x86_64	QLogic QLE2560,QLE2562  IBM 42D0501,42D0510	DM-Multipath	OceanStor S2200T	See <sup>2,3</sup>
5	IBM xSeries	Oracle Enterprise Linux UEK 6.0 for x86_64	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  IBM 42D0485 <sup>1</sup> ,42D0494 <sup>1</sup>	UltraPath	OceanStor S2200T	
6	IBM xSeries	Oracle Enterprise Linux UEK 6.1 for x86_64	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562  IBM 42D0501,42D0510,42D0485 <sup>1</sup> ,42D0494 <sup>1</sup>	UltraPath	OceanStor S2200T	
7	IBM xSeries	Oracle Enterprise Linux UEK 6.2 for x86_64	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562  IBM	DM-Multipath	OceanStor S2200T	See <sup>2,3</sup>

			42D0485 <sup>1</sup> ,42D0494 <sup>1</sup> ,42D0501,42D0510			
			Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>	UltraPath	OceanStor S2200T	
			QLogic QLE2560,QLE2562			
			IBM 42D0485 <sup>1</sup> ,42D0494 <sup>1</sup> ,42D0501,42D0510			
8	IBM xSeries	Oracle Enterprise Linux UEK 6.3 for x86_64	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup> ,LPe1250 <sup>1</sup>	UltraPath	OceanStor S2200T	
			QLogic QLA2460,QLA2462,QLE2460,QLE2462, QLE2560,QLE2562			
			IBM 39M5894,39M5895,39R6525,39R6527, 42D0485 <sup>1</sup> ,42D0494 <sup>1</sup> ,42D0501,42D0510			
9	IBM xSeries	Oracle Enterprise Linux UEK 6.4 for x86_64	QLogic QLE2560,QLE2562	DM-Multipath	OceanStor S2200T	See <sup>2,3</sup>
			IBM 42D0501,42D0510			
			Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>	UltraPath	OceanStor S2200T	
			QLogic QLE2560,QLE2562			
			IBM 42D0501,42D0510,42D0485 <sup>1</sup> ,42D0494 <sup>1</sup>			
10	IBM xSeries	Oracle Enterprise Linux UEK 6.5 for x86_64	QLogic QLE2560,QLE2562	DM-Multipath	OceanStor S2200T	See <sup>2,3</sup>
			IBM 42D0501,42D0510			
11	IBM HS22	Oracle Enterprise Linux UEK 6.3 for x86_64	Emulex LPe1205	DM-Multipath	OceanStor S2200T	See <sup>2,3</sup>

1. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
2. The disk storage system must enable ALUA function.
3. For the detail configuration of DM-Multipath, please contact the technical service centre of Huawei Technologies Co., Ltd..

## Oracle Solaris for SPARC

### Oracle Sun

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Oracle Sun SPARC Servers	Solaris 8 for SPARC	Oracle Sun SG-XPCI2FC-QF2,SG-XPCI1FC-QL 2	STMS	OceanStor S2200T	See <sup>1,4</sup>
2	Oracle Sun SPARC	Solaris 9 U9 for SPARC	Oracle Sun SG-XPCI1FC-QF2-N,SG-XPCI1FC-	STMS <sup>3</sup>	OceanStor S2200T	See <sup>1,4</sup>

	Servers		QF4-N,SG-XPCI2FC-QF4-N,SG-XP C11FC-EM2-N			
3	Oracle Sun SPARC Servers	Solaris 10 U2 for SPARC	Oracle Sun SG-XPCI1FC-QF4-N,SG-XPCI2FC- QF4-N,SG-XPCI1FC-EM2-N	STMS <sup>3</sup>	OceanStor S2200T	See <sup>1,4</sup>
4	Oracle Sun SPARC Servers	Solaris 10 U4 for SPARC	Oracle Sun SG-XPCIE1FC-EM4-N,SG-XPCIE2F C-EM4-N,SG-XPCI1FC-QF4-N,SG- XPCI2FC-QF4-N,SG-XPCIE1FC-QF 4-N,SG-XPCIE2FC-QF4-N	STMS <sup>3</sup>	OceanStor S2200T	See <sup>1,4</sup>
5	Oracle Sun SPARC Servers	Solaris 10 U4 for SPARC	Oracle Sun SG-XPCIE1FC-EM4-N,SG-XPCIE2F C-EM4-N	UltraPath	OceanStor S2200T	See <sup>1,4</sup>
6	Oracle Sun SPARC Servers	Solaris 10 U5 for SPARC	Oracle Sun SG-XPCIE1FC-EM4-N,SG-XPCIE2F C-EM4-N,SG-XPCI1FC-QF4-N,SG- XPCI2FC-QF4-N,SG-XPCIE1FC-QF 4-N,SG-XPCIE2FC-QF4-N	STMS <sup>3</sup>	OceanStor S2200T	See <sup>1,4</sup>
7	Oracle Sun SPARC Servers	Solaris 10 U6 for SPARC	Oracle Sun SG-XPCIE1FC-EM4-N,SG-XPCIE2F C-EM4-N,SG-XPCIE1FC-EM8-N,SG -XPCIE2FC-EM8-N,SG-XPCI1FC-Q F4-N,SG-XPCI2FC-QF4-N,SG-XPCI E1FC-QF4-N,SG-XPCIE2FC-QF4-N, SG-XPCIE1FC-QF8-N,SG-XPCIE2F C-QF8-N	STMS <sup>3</sup>	OceanStor S2200T	See <sup>1,4</sup>
8	Oracle Sun SPARC Servers	Solaris 10 U6 for SPARC	Oracle Sun SG-XPCIE1FC-EM8-N,SG-XPCIE2F C-EM8-N,SG-XPCI1FC-QF4-N,SG- XPCI2FC-QF4-N,SG-XPCIE1FC-QF 4-N,SG-XPCIE2FC-QF4-N	UltraPath	OceanStor S2200T	See <sup>1,4</sup>
9	Oracle Sun SPARC Servers	Solaris 10 U7 for SPARC	Oracle Sun SG-XPCIE1FC-EM4-N,SG-XPCIE2F C-EM4-N,SG-XPCIE1FC-EM8-N,SG -XPCIE2FC-EM8-N,SG-XPCI1FC-Q F4-N,SG-XPCI2FC-QF4-N,SG-XPCI E1FC-QF4-N,SG-XPCIE2FC-QF4-N, SG-XPCIE1FC-QF8-N,SG-XPCIE2F C-QF8-N	STMS <sup>3</sup>	OceanStor S2200T	See <sup>1,4</sup>
10	Oracle Sun SPARC Servers	Solaris 10 U8 for SPARC	Oracle Sun SG-XPCIE1FC-EM4-N,SG-XPCIE2F C-EM4-N,SG-XPCIE1FC-EM8-N,SG -XPCIE2FC-EM8-N,SG-XPCI1FC-Q F4-N,SG-XPCI2FC-QF4-N,SG-XPCI	STMS <sup>3</sup>	OceanStor S2200T	See <sup>1,4</sup>

			E1FC-QF4-N,SG-XPCIE2FC-QF4-N, SG-XPCIE1FC-QF8-N,SG-XPCIE2F C-QF8-N			
11	Oracle Sun SPARC Servers	Solaris 10 U8 for SPARC	Oracle Sun SG-XPCI1FC-QF4-N,SG-XPCI2FC- QF4-N,SG-XPCIE1FC-QF4-N,SG-X PCIE2FC-QF4-N	UltraPath	OceanStor S2200T	See <sup>1,4</sup>
12	Oracle Sun SPARC Servers	Oracle Solaris 10 U9 for SPARC	Oracle Sun SG-XPCIE1FC-EM4-N,SG-XPCIE2F C-EM4-N,SG-XPCIE1FC-EM8-N,SG -XPCIE2FC-EM8-N,SG-XPCI1FC-Q F4-N,SG-XPCI2FC-QF4-N,SG-XPCI E1FC-QF4-N,SG-XPCIE2FC-QF4-N, SG-XPCIE1FC-QF8-N,SG-XPCIE2F C-QF8-N	STMS <sup>3</sup>	OceanStor S2200T	See <sup>1,4</sup>
13	Oracle Sun SPARC Servers	Oracle Solaris 10 U9 for SPARC	Oracle Sun SG-XPCIE1FC-QF8-N,SG-XPCIE2F C-QF8-N	UltraPath	OceanStor S2200T	See <sup>1,4</sup>
14	Oracle Sun SPARC Servers	Oracle Solaris 10 U10 for SPARC	Oracle Sun SG-XPCIE1FC-EM4-N,SG-XPCIE2F C-EM4-N,SG-XPCIE1FC-EM8-N,SG -XPCIE2FC-EM8-N,SG-XPCI1FC-Q F4-N,SG-XPCI2FC-QF4-N,SG-XPCI E1FC-QF4-N,SG-XPCIE2FC-QF4-N, SG-XPCIE1FC-QF8-N,SG-XPCIE2F C-QF8-N	STMS <sup>3</sup>	OceanStor S2200T	See <sup>1,4</sup>
15	Oracle Sun SPARC Servers	Oracle Solaris 10 U10 for SPARC	Oracle Sun SG-XPCIE1FC-EM8-N,SG-XPCIE2F C-EM8-N,SG-XPCIE1FC-QF8-N,SG -XPCIE2FC-QF8-N	UltraPath	OceanStor S2200T	See <sup>1,4</sup>
16	Oracle Sun SPARC Servers	Oracle Solaris 10 U11 for SPARC	Oracle Sun SG-XPCIE1FC-QF8-N,SG-XPCIE2F C-QF8-N	STMS <sup>3</sup>	OceanStor S2200T	See <sup>1,4</sup>
			Oracle Sun SG-XPCIE1FC-QF8-N,SG-XPCIE2F C-QF8-N	UltraPath	OceanStor S2200T	See <sup>1,4</sup>
17	Oracle Sun SPARC Servers	Oracle Solaris 11 for SPARC	Oracle Sun SG-XPCIE1FC-EM8-N,SG-XPCIE2F C-EM8-N,SG-XPCI1FC-QF4-N,SG- XPCI2FC-QF4-N,SG-XPCIE1FC-QF 4-N,SG-XPCIE2FC-QF4-N,SG-XPCI E1FC-QF8-N,SG-XPCIE2FC-QF8-N	STMS <sup>3</sup>	OceanStor S2200T	See <sup>1,2</sup>
			Oracle Sun SG-XPCIE1FC-EM8-N,SG-XPCIE2F	UltraPath	OceanStor S2200T	See <sup>1</sup>

			C-EM8-N,SG-XPCIE1FC-QF8-N,SG-XPCIE2FC-QF8-N			
18	Oracle Sun SPARC Servers	Oracle Solaris 11.1 for SPARC	Oracle Sun SG-XPCIE1FC-QF8-N,SG-XPCIE2FC-QF8-N	STMS <sup>3</sup>	OceanStor S2200T	See <sup>1,2</sup>
			Oracle Sun SG-XPCIE1FC-QF8-N,SG-XPCIE2FC-QF8-N	UltraPath	OceanStor S2200T	See <sup>1</sup>

1. The Storage System only supports Arbitrated Loop topology in direct connection configuration.
2. When the working controller becomes fault, I/O will suspend about 110 seconds then switches to the standby controller in direct connection configuration.
3. The disk storage system must enable ALUA function.
4. It is required to use the ufs file system.

## Oracle Solaris for x86

### Dell

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Dell PowerEdge Series	Oracle Solaris 10 U8 for x86	Emulex LPe12000,LPe12002	STMS <sup>3</sup>	OceanStor S2200T	See <sup>1,2</sup>
2	Dell PowerEdge Series	Oracle Solaris 10 U9 for x86	Emulex LPe12000,LPe12002	STMS <sup>3</sup>	OceanStor S2200T	See <sup>1,2</sup>
3	Dell PowerEdge Series	Oracle Solaris 10 U11 for x86	Brocade 815,825	STMS <sup>3</sup>	OceanStor S2200T	See <sup>2,5</sup>
4	Dell PowerEdge Series	Oracle Solaris 11.1 for x86	Emulex LPe12000,LPe12002 QLogic QLE2560,QLE2562	STMS <sup>3</sup>	OceanStor S2200T	See <sup>1,2,4</sup>

1. The Storage System only supports Arbitrated Loop topology in direct connection configuration.
2. Don't support online expansion and LUN replace.
3. The disk storage system must enable ALUA function.
4. When the working controller becomes fault, I/O will suspend about 110 seconds then switches to the standby controller in direct connection configuration.
5. Only support SAN.

### HP

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	HP ProLiant Series	Oracle Solaris 10 U8 for x86	Emulex LPe12000,LPe12002	STMS <sup>3</sup>	OceanStor S2200T	See <sup>1,2</sup>
2	HP ProLiant Series	Oracle Solaris 10 U9 for x86	Emulex LPe12000,LPe12002	STMS <sup>3</sup>	OceanStor S2200T	See <sup>1,2</sup>
3	HP ProLiant Series	Oracle Solaris 10 U11 for x86	Brocade 815,825	STMS <sup>3</sup>	OceanStor S2200T	See <sup>2,5</sup>

4	HP ProLiant Series	Oracle Solaris 11.1 for x86	Emulex LPe12000,LPe12002  QLogic QLE2560,QLE2562	STMS <sup>3</sup>	OceanStor S2200T	See <sup>1,2,4</sup>
---	--------------------	-----------------------------	--	-------------------	------------------	----------------------

1. The Storage System only supports Arbitrated Loop topology in direct connection configuration.
2. Don't support online expansion and LUN replace.
3. The disk storage system must enable ALUA function.
4. When the working controller becomes fault, I/O will suspend about 110 seconds then switches to the standby controller in direct connection configuration.
5. Only support SAN.

## Huawei

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Huawei RH Series	Oracle Solaris 10 U8 for x86	Emulex LPe12000,LPe12002	STMS <sup>3</sup>	OceanStor S2200T	See <sup>1,2</sup>
2	Huawei RH Series	Oracle Solaris 10 U9 for x86	Emulex LPe12000,LPe12002	STMS <sup>3</sup>	OceanStor S2200T	See <sup>1,2</sup>
3	Huawei RH Series	Oracle Solaris 10 U11 for x86	Brocade 815,825	STMS <sup>3</sup>	OceanStor S2200T	See <sup>2,5</sup>
4	Huawei RH Series	Oracle Solaris 11.1 for x86	Emulex LPe12000,LPe12002  QLogic QLE2560,QLE2562	STMS <sup>3</sup>	OceanStor S2200T	See <sup>1,2,4</sup>

1. The Storage System only supports Arbitrated Loop topology in direct connection configuration.
2. Don't support online expansion and LUN replace.
3. The disk storage system must enable ALUA function.
4. When the working controller becomes fault, I/O will suspend about 110 seconds then switches to the standby controller in direct connection configuration.
5. Only support SAN.

## IBM

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	IBM xSeries	Oracle Solaris 10 U8 for x86	Emulex LPe12000,LPe12002	STMS <sup>3</sup>	OceanStor S2200T	See <sup>1,2</sup>
2	IBM xSeries	Oracle Solaris 10 U9 for x86	Emulex LPe12000,LPe12002	STMS <sup>3</sup>	OceanStor S2200T	See <sup>1,2</sup>
3	IBM xSeries	Oracle Solaris 10 U11 for x86	Brocade 815,825	STMS <sup>3</sup>	OceanStor S2200T	See <sup>2,5</sup>
4	IBM xSeries	Oracle Solaris 11.1 for x86	Emulex LPe12000,LPe12002  QLogic QLE2560,QLE2562	STMS <sup>3</sup>	OceanStor S2200T	See <sup>1,2,4</sup>

1. The Storage System only supports Arbitrated Loop topology in direct connection configuration.
2. Don't support online expansion and LUN replace.
3. The disk storage system must enable ALUA function.
4. When the working controller becomes fault, I/O will suspend about 110 seconds then switches to the standby controller in direct connection configuration.
5. Only support SAN.

## Red Hat x86

## Dell



NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Dell PowerEdge Series	Red Hat Enterprise Linux AS 4 Update4 for x86	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111  QLogic QLA2460 <sup>3</sup> ,QLA2462 <sup>3</sup> ,QLE2460 <sup>3</sup> ,QLE2462 <sup>3</sup>  Dell PF323 <sup>3</sup> ,FH590 <sup>3</sup> ,DH226 <sup>3</sup> ,FF340 <sup>3</sup> ,LPe11002-E,LP1150-E,LPe1150-E	UltraPath	OceanStor S2200T	
2	Dell PowerEdge Series	Red Hat Enterprise Linux AS 4 Update5 for x86	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111  QLogic QLA2460 <sup>3</sup> ,QLA2462 <sup>3</sup> ,QLE2460 <sup>3</sup> ,QLE2462 <sup>3</sup>  Dell PF323 <sup>3</sup> ,FH590 <sup>3</sup> ,DH226 <sup>3</sup> ,FF340 <sup>3</sup> ,LP1150-E,LPe11002-E,LPe1150-E	UltraPath	OceanStor S2200T	
3	Dell PowerEdge Series	Red Hat Enterprise Linux AS 4 Update6 for x86	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111  QLogic QLA2460 <sup>3</sup> ,QLA2462 <sup>3</sup> ,QLE2460 <sup>3</sup> ,QLE2462 <sup>3</sup>  Dell PF323 <sup>3</sup> ,FH590 <sup>3</sup> ,DH226 <sup>3</sup> ,FF340 <sup>3</sup> ,LPe11002-E,LP1150-E,LPe1150-E	UltraPath	OceanStor S2200T	
4	Dell PowerEdge Series	Red Hat Enterprise Linux AS 4 Update7 for x86	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup>  Emulex	UltraPath	OceanStor S2200T	

			<p>LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111</p> <p>QLogic QLA2460<sup>3</sup>,QLA2462<sup>3</sup>,QLE2460<sup>3</sup>,QLE2462<sup>3</sup></p> <p>Dell PF323<sup>3</sup>,FH590<sup>3</sup>,DH226<sup>3</sup>,FF340<sup>3</sup>,LP1150-E,LPe11002-E,LPe1150-E</p>			
5	Dell PowerEdge Series	Red Hat Enterprise Linux AS 4 Update8 for x86	<p>Brocade 415<sup>2,1/5,9</sup>,425<sup>2,1/5,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111</p> <p>QLogic QLA2460<sup>3</sup>,QLA2462<sup>3</sup>,QLE2460<sup>3</sup>,QLE2462<sup>3</sup>,QLE2560<sup>3</sup>,QLE2562<sup>3</sup></p> <p>Dell PF323<sup>3</sup>,FH590<sup>3</sup>,DH226<sup>3</sup>,FF340<sup>3</sup>,F641C<sup>3</sup>,H144C<sup>3</sup>,LP1150-E,LPe11002-E,LPe1150-E</p>	UltraPath	OceanStor S2200T	
6	Dell PowerEdge Series	Red Hat Enterprise Linux 5 for x86	<p>Brocade 415<sup>2,5,9</sup>,425<sup>2,5,9</sup>,815<sup>2,5,9</sup>,825<sup>2,5,9</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p> <p>Dell PF323,FH590,DH226,FF340,LPe11002-E,BR815<sup>2,5,9</sup>,BR825<sup>2,5,9</sup></p>	UltraPath	OceanStor S2200T	
7	Dell PowerEdge Series	Red Hat Enterprise Linux 5 Update1 for x86	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p>	UltraPath	OceanStor S2200T	

			<p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560<sup>1,2</sup>,QLE2562<sup>1,2</sup></p> <p>Dell PF323,FH590,DH226,FF340,F641C<sup>1,2</sup>,H144C<sup>1,2</sup>,LP1150-E,LPe11002-E,LPe12000-E<sup>8</sup>,LPe12002-E<sup>8</sup>,LPe1150-E,BR815<sup>1,2,9</sup>,BR825<sup>1,2,9</sup></p>			
8	Dell PowerEdge Series	Red Hat Enterprise Linux 5 Update2 for x86	<p>Brocade 415<sup>2,1/5,9</sup>,425<sup>2,1/5,9</sup>,815<sup>2,1/5,9</sup>,825<sup>2,1/5,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>Dell PF323,FH590,DH226,FF340,F641C,H144C,LP1150-E,LPe11002-E,LPe12000-E<sup>8</sup>,LPe12002-E<sup>8</sup>,LPe1150-E,BR815<sup>2,1/5,9</sup>,BR825<sup>2,1/5,9</sup></p>	UltraPath	OceanStor S2200T	
9	Dell PowerEdge Series	Red Hat Enterprise Linux 5 Update3 for x86	<p>ATTO Celerity FC-41ES,FC-42ES</p> <p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>Dell PF323,FH590,DH226,FF340,F641C,H144C,LP1150-E,LPe11002-E,LPe12000-E<sup>8</sup>,LPe12002-E<sup>8</sup>,LPe1150-E,BR815<sup>1,2,9</sup>,BR825<sup>1,2,9</sup></p>	UltraPath	OceanStor S2200T	

10	Dell PowerEdge Series	Red Hat Enterprise Linux 5 Update4 for x86	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe1111,LPe1200 0<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2 462,QLE2560,QLE2562</p> <p>Dell PF323,FH590,DH226,FF340,F641C, H144C,LP1150-E,LPe11002-E,LPe12 000-E<sup>8</sup>,LPe12002-E<sup>8</sup>,LPe1150-E,BR8 15<sup>1,2,9</sup>,BR825<sup>1,2,9</sup></p>	UltraPath	OceanStor S2200T	
11	Dell PowerEdge Series	Red Hat Enterprise Linux 5 Update5 for x86	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe1111,LPe1200 0<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2 462,QLE2560,QLE2562,QLE220</p> <p>Dell PF323,FH590,DH226,FF340,F641C, H144C,LP1150-E,LPe11002-E,LPe12 000-E<sup>8</sup>,LPe12002-E<sup>8</sup>,LPe1150-E,BR8 15<sup>1,2,9</sup>,BR825<sup>1,2,9</sup></p>	UltraPath	OceanStor S2200T	
12	Dell PowerEdge Series	Red Hat Enterprise Linux 5 Update6 for x86	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe1111<sup>6</sup>,LPe1200 0<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2 462,QLE2560,QLE2562</p> <p>Dell</p>	UltraPath	OceanStor S2200T	

			PF323,FH590,DH226,FF340,F641C, H144C,LP1150-E,LPe11002-E,LPe12 000-E <sup>8</sup> ,LPe12002-E <sup>8</sup> ,LPe1150-E,BR8 15 <sup>1,2,9</sup> ,BR825 <sup>1,2,9</sup>			
13	Dell PowerEdge Series	Red Hat Enterprise Linux 5 Update7 for x86	Brocade 415 <sup>2,5,9</sup> ,425 <sup>2,5,9</sup> ,815 <sup>2,5,9</sup> ,825 <sup>2,5,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe1111,LPe1200 0 <sup>8</sup> ,LPe12002 <sup>8</sup> ,LPe1250 <sup>8</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2 462,QLE2560,QLE2562  Dell PF323,FH590,DH226,FF340,F641C, H144C,LP1150-E,LPe11002-E,LPe12 000-E <sup>8</sup> ,LPe12002-E <sup>8</sup> ,LPe1150-E,BR8 15 <sup>2,5,9</sup> ,BR825 <sup>2,5,9</sup>	UltraPath	OceanStor S2200T	
14	Dell PowerEdge Series	Red Hat Enterprise Linux 5 Update8 for x86	Brocade 415 <sup>2,9</sup> ,425 <sup>2,9</sup> ,815 <sup>2,9</sup> ,825 <sup>2,9</sup>  Emulex LP11000,LP11002,LPe11000,LPe110 02,LPe12000 <sup>8</sup> ,LPe12002 <sup>8</sup> ,LPe1250 <sup>8</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2 462,QLE2560,QLE2562  Dell BR815 <sup>2,9</sup> ,BR825 <sup>2,9</sup> ,LPe11002-E,PF32 3,FH590,DH226,FF340,F641C,H144 C,LPe12000-E <sup>8</sup> ,LPe12002-E <sup>8</sup>	UltraPath	OceanStor S2200T	
15	Dell PowerEdge Series	Red Hat Enterprise Linux 5 Update9 for x86	QLogic QLE2560,QLE2562  Dell F641C,H144C	UltraPath	OceanStor S2200T	
16	Dell PowerEdge Series	Red Hat Enterprise Linux 5 Update10 for x86	QLogic QLE2560,QLE2562  Dell F641C,H144C	UltraPath	OceanStor S2200T	
17	Dell PowerEdge Series	Red Hat Enterprise Linux 6 for x86	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup> ,815 <sup>1,2,9</sup> ,825 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,	UltraPath	OceanStor S2200T	

			<p>LPe11002,LPe1150,LPe1111,LPe12000<sup>4,8</sup>,LPe12002<sup>4,8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>Dell PF323,FH590,DH226,FF340,F641C,H144C,LP1150-E,LPe11002-E,LPe12000-E<sup>4,8</sup>,LPe12002-E<sup>4,8</sup>,LPe1150-E,BR815<sup>1,2,9</sup>,BR825<sup>1,2,9</sup></p>			
18	Dell PowerEdge Series	Red Hat Enterprise Linux 6 Update1 for x86	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>4,8</sup>,LPe12002<sup>4,8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>Dell PF323,FH590,DH226,FF340,F641C,H144C,LP1150-E,LPe11002-E,LPe12000-E<sup>4,8</sup>,LPe12002-E<sup>4,8</sup>,LPe1150-E,BR815<sup>1,2,9</sup>,BR825<sup>1,2,9</sup></p>	UltraPath	OceanStor S2200T	
19	Dell PowerEdge Series	Red Hat Enterprise Linux 6 Update2 for x86	<p>Brocade 415<sup>2,9</sup>,425<sup>2,9</sup>,815<sup>2,9</sup>,825<sup>2,9</sup>,1860-1<sup>10</sup>,1860-2<sup>10</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>Dell PF323,FH590,DH226,FF340,F641C,H144C,LPe11002-E,LPe12000-E<sup>8</sup>,LPe12002-E<sup>8</sup>,BR815<sup>2,9</sup>,BR825<sup>2,9</sup></p>	UltraPath	OceanStor S2200T	See <sup>7</sup>

			QLogic QLE2560,QLE2562  Dell F641C,H144C	DM-Multipath	OceanStor S2200T	See <sup>7,13,14</sup>
20	Dell PowerEdge Series	Red Hat Enterprise Linux 6 Update3 for x86	Brocade 1860-1 <sup>11</sup> ,1860-2 <sup>11</sup>  Emulex LPe111,LPe12000 <sup>8</sup> ,LPe12002 <sup>8</sup>  QLogic QLE2560,QLE2562  Dell F641C,H144C,LPe12000-E <sup>8</sup> ,LPe12002-E <sup>8</sup>	UltraPath	OceanStor S2200T	See <sup>7</sup>
21	Dell PowerEdge Series	Red Hat Enterprise Linux 6 Update4 for x86	QLogic QLE2560,QLE2562  Emulex LPe12000 <sup>8,15</sup> ,LPe12002 <sup>8,15</sup> ,LPe16000 <sup>8</sup> ,LPe16002 <sup>8</sup>  Dell F641C,H144C,LPe12000-E <sup>8,15</sup> ,LPe12002-E <sup>8,15</sup>	UltraPath	OceanStor S2200T	See <sup>7</sup>
			Emulex LPe12000 <sup>8</sup> ,LPe12002 <sup>8</sup>  Dell LPe12000-E <sup>8</sup> ,LPe12002-E <sup>8</sup>	DM-Multipath	OceanStor S2200T	See <sup>13,14</sup>
22	Dell PowerEdge Series	Red Hat Enterprise Linux 6 Update5 for x86	QLogic QLE2560,QLE2562  Dell F641C,H144C	UltraPath	OceanStor S2200T	

1. HBA firmware version/driver version is 2.3.0.0.
2. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
3. HBA driver version is 8.02.23.
4. HBA firmware version is 2.00a4.
5. HBA firmware version/driver version is 3.0.0.0.
6. It is prohibited to change topology and speed of the FC ports because of HBA limit.
7. It is suggested to remove the associated connection between host and disk storage system at first when the initiator can't be removed from the disk storage system because of the OS limit.
8. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
9. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500μs in direct connection.The CLI command is:chgpportparam -c controller id -if interface module id -p port id -d 500.
10. HBA firmware version/driver version is 3.0.3.0.
11. HBA firmware version/driver version is 3.1.0.0.
12. HBA driver version is 8.03.01.04.05.05.
13. The disk storage system must enable ALUA function.
14. For the detail configuration of DM-Multipath,please contact the technical service centre of Huawei Technologies Co., Ltd..

15. HBA firmware version is 2.01A11.

HP

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	HP ProLiant Series	Red Hat Enterprise Linux AS 4 Update4 for x86	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111</p> <p>QLogic QLA2460<sup>3</sup>,QLA2462<sup>3</sup>,QLE2460<sup>3</sup>,QLE2462<sup>3</sup></p> <p>HP AP767A<sup>1,2,9</sup>,AP768A<sup>1,2,9</sup>,AB429A/FC1143<sup>3</sup>,AE369A/FC1243<sup>3</sup>,AE311A/FC1142SR<sup>3</sup>,AE312A/FC1242SR<sup>3</sup>,A8002A/FC2142SR,A8003A/FC2242SR,A D168A/FC2243</p>	UltraPath	OceanStor S2200T	
2	HP ProLiant Series	Red Hat Enterprise Linux AS 4 Update5 for x86	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111</p> <p>QLogic QLA2460<sup>3</sup>,QLA2462<sup>3</sup>,QLE2460<sup>3</sup>,QLE2462<sup>3</sup></p> <p>HP AP767A<sup>1,2,9</sup>,AP768A<sup>1,2,9</sup>,AB429A/FC1143<sup>3</sup>,AE369A/FC1243<sup>3</sup>,AE311A/FC1142SR<sup>3</sup>,AE312A/FC1242SR<sup>3</sup>,A8002A/FC2142SR,A8003A/FC2242SR,A D168A/FC2243</p>	UltraPath	OceanStor S2200T	
3	HP ProLiant Series	Red Hat Enterprise Linux AS 4 Update6 for x86	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111</p> <p>QLogic</p>	UltraPath	OceanStor S2200T	



			<p>QLA2460<sup>3</sup>,QLA2462<sup>3</sup>,QLE2460<sup>3</sup>,QLE2462<sup>3</sup></p> <p>HP AP767A<sup>1,2,9</sup>,AP768A<sup>1,2,9</sup>,AB429A/FC1143<sup>3</sup>,AE369A/FC1243<sup>3</sup>,AE311A/FC1142SR<sup>3</sup>,AE312A/FC1242SR<sup>3</sup>,A8002A/FC2142SR,A8003A/FC2242SR,A D168A/FC2243</p>			
4	HP ProLiant Series	Red Hat Enterprise Linux AS 4 Update7 for x86	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111</p> <p>QLogic QLA2460<sup>3</sup>,QLA2462<sup>3</sup>,QLE2460<sup>3</sup>,QLE2462<sup>3</sup></p> <p>HP AP767A<sup>1,2,9</sup>,AP768A<sup>1,2,9</sup>,AB429A/FC1143<sup>3</sup>,AE369A/FC1243<sup>3</sup>,AE311A/FC1142SR<sup>3</sup>,AE312A/FC1242SR<sup>3</sup>,A8002A/FC2142SR,A8003A/FC2242SR,A D168A/FC2243</p>	UltraPath	OceanStor S2200T	
5	HP ProLiant Series	Red Hat Enterprise Linux AS 4 Update8 for x86	<p>Brocade 415<sup>2,1/5,9</sup>,425<sup>2,1/5,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111</p> <p>QLogic QLA2460<sup>3</sup>,QLA2462<sup>3</sup>,QLE2460<sup>3</sup>,QLE2462<sup>3</sup>,QLE2560<sup>3</sup>,QLE2562<sup>3</sup></p> <p>HP AP767A<sup>2,1/5,9</sup>,AP768A<sup>2,1/5,9</sup>,AB429A/FC1143<sup>3</sup>,AE369A/FC1243<sup>3</sup>,AE311A/FC1142SR<sup>3</sup>,AE312A/FC1242SR<sup>3</sup>,A8002A/FC2142SR,A8003A/FC2242SR,A D168A/FC2243,AK344A/81Q<sup>3</sup>,AJ764A/82Q<sup>3</sup></p>	UltraPath	OceanStor S2200T	
6	HP ProLiant Series	Red Hat Enterprise Linux 5 for x86	<p>Brocade 415<sup>2,5,9</sup>,425<sup>2,5,9</sup>,815<sup>2,5,9</sup>,825<sup>2,5,9</sup></p> <p>UltraPath</p> <p>OceanStor S2200T</p>	UltraPath	OceanStor S2200T	

			<p>Emulex LP11000,LP11002,LPe11000,LPe11002</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p> <p>HP AP767A<sup>2,5,9</sup>,AP768A<sup>2,5,9</sup>,AP769A<sup>2,5,9</sup>, AP770A<sup>2,5,9</sup>,AB429A/FC1143,AE369 A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,AD168A/FC2243,A8003A/FC2242SR</p>			
7	HP ProLiant Series	Red Hat Enterprise Linux 5 Update1 for x86	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560<sup>12</sup>,QLE2562<sup>12</sup></p> <p>HP AP767A<sup>1,2,9</sup>,AP768A<sup>1,2,9</sup>,AP769A<sup>1,2,9</sup>, AP770A<sup>1,2,9</sup>,AB429A/FC1143,AE369 A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,A8002A/FC2142SR,A8003A/FC2242SR,AD168A/FC2243,AK344A/81Q<sup>12</sup>,AJ764A/82Q<sup>12</sup>,AJ762A/81E<sup>8</sup>,AJ763A/82E<sup>8</sup></p>	UltraPath	OceanStor S2200T	
8	HP ProLiant Series	Red Hat Enterprise Linux 5 Update2 for x86	<p>Brocade 415<sup>2,1/5,9</sup>,425<sup>2,1/5,9</sup>,815<sup>2,1/5,9</sup>,825<sup>2,1/5,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	

			<p>HP  AP767A<sup>2,1/5,9</sup>,AP768A<sup>2,1/5,9</sup>,AP769A<sup>2,1/5,9</sup>,AP770A<sup>2,1/5,9</sup>,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,A8002A/FC2142SR,A8003A/FC2242SR,AD168A/FC2243,AK344A/81Q,AJ764A/82Q,AJ762A/81E<sup>8</sup>,AJ763A/82E<sup>8</sup></p>			
9	HP ProLiant Series	Red Hat Enterprise Linux 5 Update3 for x86	<p>ATTO Celerity FC-41ES,FC-42ES</p> <p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex  LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic  QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>HP  AP767A<sup>1,2,9</sup>,AP768A<sup>1,2,9</sup>,AP769A<sup>1,2,9</sup>,AP770A<sup>1,2,9</sup>,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,A8002A/FC2142SR,A8003A/FC2242SR,AD168A/FC2243,AK344A/81Q,AJ764A/82Q,AJ762A/81E<sup>8</sup>,AJ763A/82E<sup>8</sup></p>	UltraPath	OceanStor S2200T	
10	HP ProLiant Series	Red Hat Enterprise Linux 5 Update4 for x86	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex  LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic  QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>HP  AP767A<sup>1,2,9</sup>,AP768A<sup>1,2,9</sup>,AP769A<sup>1,2,9</sup>,AP770A<sup>1,2,9</sup>,AB429A/FC1143,AE369</p>	UltraPath	OceanStor S2200T	

			A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,A8002A/FC2142SR,A8003A/FC2242SR,AD168A/FC2243,AK344A/81Q,AJ764A/82Q,AJ762A/81E <sup>8</sup> ,AJ763A/82E <sup>8</sup>			
11	HP ProLiant Series	Red Hat Enterprise Linux 5 Update5 for x86	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562,QLE220</p> <p>HP AP767A<sup>1,2,9</sup>,AP768A<sup>1,2,9</sup>,AP769A<sup>1,2,9</sup>,AP770A<sup>1,2,9</sup>,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,A8002A/FC2142SR,A8003A/FC2242SR,AD168A/FC2243,AK344A/81Q,AJ764A/82Q,AJ762A/81E<sup>8</sup>,AJ763A/82E<sup>8</sup></p>	UltraPath	OceanStor S2200T	
12	HP ProLiant Series	Red Hat Enterprise Linux 5 Update6 for x86	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111<sup>6</sup>,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>HP AP767A<sup>1,2,9</sup>,AP768A<sup>1,2,9</sup>,AP769A<sup>1,2,9</sup>,AP770A<sup>1,2,9</sup>,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,A8002A/FC2142SR,A8003A/FC2242SR,AD168A/FC2243,AK344A/81Q,AJ764A/82Q,AJ762A/81E<sup>8</sup>,AJ763A/82E<sup>8</sup></p>	UltraPath	OceanStor S2200T	
13	HP ProLiant	Red Hat Enterprise Linux 5	Brocade 415 <sup>2,5,9</sup> ,425 <sup>2,5,9</sup> ,815 <sup>2,5,9</sup> ,825 <sup>2,5,9</sup>	UltraPath	OceanStor S2200T	

	Series	Update7 for x86	<p>Emulex</p> <p>LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic</p> <p>QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>HP</p> <p>AP767A<sup>2,5,9</sup>,AP768A<sup>2,5,9</sup>,AP769A<sup>2,5,9</sup>,AP770A<sup>2,5,9</sup>,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,A8002A/FC2142SR,A8003A/FC2242SR,AD168A/FC2243,AK344A/81Q,AJ764A/82Q,AJ762A/81E<sup>8</sup>,AJ763A/82E<sup>8</sup></p>			
14	HP ProLiant Series	Red Hat Enterprise Linux 5 Update8 for x86	<p>Brocade 415<sup>2,9</sup>,425<sup>2,9</sup>,815<sup>2,9</sup>,825<sup>2,9</sup></p> <p>QLogic</p> <p>QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>Emulex</p> <p>LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>HP</p> <p>AP767A<sup>2,9</sup>,AP768A<sup>2,9</sup>,AP769A<sup>2,9</sup>,AP770A<sup>2,9</sup>,AD168A/FC2243,A8003A/FC2242SR,AK344A/81Q,AJ764A/82Q,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,AJ762A/81E<sup>8</sup>,AJ763A/82E<sup>8</sup></p>	UltraPath	OceanStor S2200T	
15	HP ProLiant Series	Red Hat Enterprise Linux 5 Update9 for x86	<p>QLogic QLE2560,QLE2562</p> <p>HP AK344A/81Q,AJ764A/82Q</p>	UltraPath	OceanStor S2200T	
16	HP ProLiant Series	Red Hat Enterprise Linux 5 Update10 for x86	<p>QLogic QLE2560,QLE2562</p> <p>HP AK344A/81Q,AJ764A/82Q</p>	UltraPath	OceanStor S2200T	
17	HP ProLiant Series	Red Hat Enterprise Linux 6 for x86	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex</p>	UltraPath	OceanStor S2200T	

			<p>LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>4,8</sup>,LPe12002<sup>4,8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>HP AP767A<sup>1,2,9</sup>,AP768A<sup>1,2,9</sup>,AP769A<sup>1,2,9</sup>,AP770A<sup>1,2,9</sup>,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,A8002A/FC2142SR,A8003A/FC2242SR,AD168A/FC2243,AK344A/81Q,AJ764A/82Q,AJ762A/81E<sup>4,8</sup>,AJ763A/82E<sup>4,8</sup></p>			
18	HP ProLiant Series	Red Hat Enterprise Linux 6 Update1 for x86	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>4,8</sup>,LPe12002<sup>4,8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>HP AP767A<sup>1,2,9</sup>,AP768A<sup>1,2,9</sup>,AP769A<sup>1,2,9</sup>,AP770A<sup>1,2,9</sup>,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,A8002A/FC2142SR,A8003A/FC2242SR,AD168A/FC2243,AK344A/81Q,AJ764A/82Q,AJ762A/81E<sup>4,8</sup>,AJ763A/82E<sup>4,8</sup></p>	UltraPath	OceanStor S2200T	
19	HP ProLiant Series	Red Hat Enterprise Linux 6 Update2 for x86	<p>Brocade 415<sup>2,9</sup>,425<sup>2,9</sup>,815<sup>2,9</sup>,825<sup>2,9</sup>,1860-1<sup>10</sup>,1860-2<sup>10</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic</p>	UltraPath	OceanStor S2200T	See <sup>7</sup>

			<p>QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>HP AP767A<sup>2,9</sup>,AP768A<sup>2,9</sup>,AP769A<sup>2,9</sup>,AP770A<sup>2,9</sup>,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,AK344A/81Q,AJ764A/82Q,AD168A/FC2243,A8003A/FC2242SR,AJ762A/81E<sup>8</sup>,AJ763A/82E<sup>8</sup></p>			
			<p>QLogic QLE2560,QLE2562</p> <p>HP AK344A/81Q,AJ764A/82Q</p>	DM-Multipath	OceanStor S2200T	See <sup>7,13,14</sup>
20	HP ProLiant Series	Red Hat Enterprise Linux 6 Update3 for x86	<p>Brocade 1860-1<sup>11</sup>,1860-2<sup>11</sup></p> <p>Emulex LPe111,LPe12000<sup>8</sup>,LPe12002<sup>8</sup></p> <p>QLogic QLE2560,QLE2562</p> <p>HP AK344A/81Q,AJ764A/82Q,AJ762A/81E<sup>8</sup>,AJ763A/82E<sup>8</sup></p>	UltraPath	OceanStor S2200T	See <sup>7</sup>
21	HP ProLiant Series	Red Hat Enterprise Linux 6 Update4 for x86	<p>QLogic QLE2560,QLE2562</p> <p>Emulex LPe12000<sup>8,15</sup>,LPe12002<sup>8,15</sup>,LPe16000<sup>8</sup>,LPe16002<sup>8</sup></p> <p>HP AK344A/81Q,AJ764A/82Q,AJ762A/81E<sup>8,15</sup>,AJ763A/82E<sup>8,15</sup>,QR558A<sup>8</sup>,QR559A<sup>8</sup></p>	UltraPath	OceanStor S2200T	See <sup>7</sup>
			<p>Emulex LPe12000<sup>8</sup>,LPe12002<sup>8</sup></p> <p>HP AJ762A/81E<sup>8</sup>,AJ763A/82E<sup>8</sup></p>	DM-Multipath	OceanStor S2200T	See <sup>13,14</sup>
22	HP ProLiant Series	Red Hat Enterprise Linux 6 Update5 for x86	<p>QLogic QLE2560,QLE2562</p> <p>HP AK344A/81Q,AJ764A/82Q</p>	UltraPath	OceanStor S2200T	

1. HBA firmware version/driver version is 2.3.0.0.
2. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
3. HBA driver version is 8.02.23.
4. HBA firmware version is 2.00a4.
5. HBA firmware version/driver version is 3.0.0.0.

6. It is prohibited to change topology and speed of the FC ports because of HBA limit.
7. It is suggested to remove the associated connection between host and disk storage system at first when the initiator can't be removed from the disk storage system because of the OS limit.
8. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
9. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection. The CLI command is: `chgportparam -c controller id -if interface module id -p port id -d 500`.
10. HBA firmware version/driver version is 3.0.3.0.
11. HBA firmware version/driver version is 3.1.0.0.
12. HBA driver version is 8.03.01.04.05.05.
13. The disk storage system must enable ALUA function.
14. For the detail configuration of DM-Multipath, please contact the technical service centre of Huawei Technologies Co., Ltd..
15. HBA firmware version is 2.01A11.

## Huawei

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Huawei RH Series	Red Hat Enterprise Linux AS 4 Update4 for x86	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111  QLogic QLA2460 <sup>3</sup> ,QLA2462 <sup>3</sup> ,QLE2460 <sup>3</sup> ,QLE2462 <sup>3</sup>	UltraPath	OceanStor S2200T	
2	Huawei RH Series	Red Hat Enterprise Linux AS 4 Update5 for x86	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111  QLogic QLA2460 <sup>3</sup> ,QLA2462 <sup>3</sup> ,QLE2460 <sup>3</sup> ,QLE2462 <sup>3</sup>	UltraPath	OceanStor S2200T	
3	Huawei RH Series	Red Hat Enterprise Linux AS 4 Update6 for x86	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111  QLogic QLA2460 <sup>3</sup> ,QLA2462 <sup>3</sup> ,QLE2460 <sup>3</sup> ,QLE2462 <sup>3</sup>	UltraPath	OceanStor S2200T	
4	Huawei RH	Red Hat Enterprise Linux AS 4	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup>	UltraPath	OceanStor S2200T	



	Series	Update7 for x86	Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe1111  QLogic QLA2460 <sup>3</sup> ,QLA2462 <sup>3</sup> ,QLE2460 <sup>3</sup> ,QLE2462 <sup>3</sup>			
5	Huawei RH Series	Red Hat Enterprise Linux AS 4 Update8 for x86	Brocade 415 <sup>2,1/5,9</sup> ,425 <sup>2,1/5,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe1111  QLogic QLA2460 <sup>3</sup> ,QLA2462 <sup>3</sup> ,QLE2460 <sup>3</sup> ,QLE2462 <sup>3</sup> ,QLE2560 <sup>3</sup> ,QLE2562 <sup>3</sup>	UltraPath	OceanStor S2200T	
6	Huawei RH Series	Red Hat Enterprise Linux 5 for x86	Brocade 415 <sup>2,5,9</sup> ,425 <sup>2,5,9</sup> ,815 <sup>2,5,9</sup> ,825 <sup>2,5,9</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002  QLogic QLA2460,QLA2462,QLE2460,QLE2462	UltraPath	OceanStor S2200T	
7	Huawei RH Series	Red Hat Enterprise Linux 5 Update1 for x86	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup> ,815 <sup>1,2,9</sup> ,825 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe1111,LPe12000 <sup>8</sup> ,LPe12002 <sup>8</sup> ,LPe1250 <sup>8</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560 <sup>12</sup> ,QLE2562 <sup>12</sup>	UltraPath	OceanStor S2200T	
8	Huawei RH Series	Red Hat Enterprise Linux 5 Update2 for x86	Brocade 415 <sup>2,1/5,9</sup> ,425 <sup>2,1/5,9</sup> ,815 <sup>2,1/5,9</sup> ,825 <sup>2,1/5,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe1111,LPe12000 <sup>8</sup> ,LPe12002 <sup>8</sup> ,LPe1250 <sup>8</sup>	UltraPath	OceanStor S2200T	

			QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562			
9	Huawei RH Series	Red Hat Enterprise Linux 5 Update3 for x86	ATTO Celerity FC-4IES,FC-42ES  Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup> ,815 <sup>1,2,9</sup> ,825 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000 <sup>8</sup> ,LPe12002 <sup>8</sup> ,LPe1250 <sup>8</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	
10	Huawei RH Series	Red Hat Enterprise Linux 5 Update4 for x86	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup> ,815 <sup>1,2,9</sup> ,825 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000 <sup>8</sup> ,LPe12002 <sup>8</sup> ,LPe1250 <sup>8</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	
11	Huawei RH Series	Red Hat Enterprise Linux 5 Update5 for x86	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup> ,815 <sup>1,2,9</sup> ,825 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000 <sup>8</sup> ,LPe12002 <sup>8</sup> ,LPe1250 <sup>8</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562,QLE220	UltraPath	OceanStor S2200T	
12	Huawei RH Series	Red Hat Enterprise Linux 5 Update6 for x86	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup> ,815 <sup>1,2,9</sup> ,825 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111 <sup>6</sup> ,LPe12000 <sup>8</sup> ,LPe12002 <sup>8</sup> ,LPe1250 <sup>8</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462	UltraPath	OceanStor S2200T	

			462,QLE2560,QLE2562			
13	Huawei RH Series	Red Hat Enterprise Linux 5 Update7 for x86	Brocade 415 <sup>2.5,9</sup> ,425 <sup>2.5,9</sup> ,815 <sup>2.5,9</sup> ,825 <sup>2.5,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000 <sup>8</sup> ,LPe12002 <sup>8</sup> ,LPe1250 <sup>8</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	
14	Huawei RH Series	Red Hat Enterprise Linux 5 Update8 for x86	Brocade 415 <sup>2,9</sup> ,425 <sup>2,9</sup> ,815 <sup>2,9</sup> ,825 <sup>2,9</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000 <sup>8</sup> ,LPe12002 <sup>8</sup> ,LPe1250 <sup>8</sup>	UltraPath	OceanStor S2200T	
15	Huawei RH Series	Red Hat Enterprise Linux 5 Update9 for x86	QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	
16	Huawei RH Series	Red Hat Enterprise Linux 5 Update10 for x86	QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	
17	Huawei RH Series	Red Hat Enterprise Linux 6 for x86	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup> ,815 <sup>1,2,9</sup> ,825 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000 <sup>4,8</sup> ,LPe12002 <sup>4,8</sup> ,LPe1250 <sup>8</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	
18	Huawei RH Series	Red Hat Enterprise Linux 6 Update1 for x86	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup> ,815 <sup>1,2,9</sup> ,825 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000 <sup>4,8</sup> ,LPe12002 <sup>4,8</sup> ,LPe1250 <sup>8</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	

19	Huawei RH Series	Red Hat Enterprise Linux 6 Update2 for x86	Brocade 415 <sup>2,9</sup> ,425 <sup>2,9</sup> ,815 <sup>2,9</sup> ,825 <sup>2,9</sup> ,1860-1 <sup>10</sup> ,1860-2 <sup>10</sup>	UltraPath	OceanStor S2200T	See <sup>7</sup>
			Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000 <sup>8</sup> ,LPe12002 <sup>8</sup> ,LPe1250 <sup>8</sup>			
			QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562			
			QLogic QLE2560,QLE2562	DM-Multipath	OceanStor S2200T	See <sup>7,13,14</sup>
20	Huawei RH Series	Red Hat Enterprise Linux 6 Update3 for x86	Brocade 1860-1 <sup>11</sup> ,1860-2 <sup>11</sup>	UltraPath	OceanStor S2200T	See <sup>7</sup>
			Emulex LPe111,LPe12000 <sup>8</sup> ,LPe12002 <sup>8</sup>			
			QLogic QLE2560,QLE2562			
21	Huawei RH Series	Red Hat Enterprise Linux 6 Update4 for x86	QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	See <sup>7</sup>
			Emulex LPe12000 <sup>8,15</sup> ,LPe12002 <sup>8,15</sup> ,LPe16000 <sup>8</sup> ,LPe16002 <sup>8</sup>			
			Emulex LPe12000 <sup>8</sup> ,LPe12002 <sup>8</sup>	DM-Multipath	OceanStor S2200T	See <sup>13,14</sup>
22	Huawei RH Series	Red Hat Enterprise Linux 6 Update5 for x86	QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	

1. HBA firmware version/driver version is 2.3.0.0.
2. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
3. HBA driver version is 8.02.23.
4. HBA firmware version is 2.00a4.
5. HBA firmware version/driver version is 3.0.0.0.
6. It is prohibited to change topology and speed of the FC ports because of HBA limit.
7. It is suggested to remove the associated connection between host and disk storage system at first when the initiator can't be removed from the disk storage system because of the OS limit.
8. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
9. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection.The CLI command is:chgpportparam -c controller id -if interface module id -p port id -d 500.
10. HBA firmware version/driver version is 3.0.3.0.
11. HBA firmware version/driver version is 3.1.0.0.
12. HBA driver version is 8.03.01.04.05.05.
13. The disk storage system must enable ALUA function.
14. For the detail configuration of DM-Multipath,please contact the technical service centre of Huawei Technologies Co., Ltd..
15. HBA firmware version is 2.01A11.

IBM

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	IBM xSeries	Red Hat Enterprise Linux AS 4 Update4 for x86	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe111  QLogic QLA2460 <sup>3</sup> ,QLA2462 <sup>3</sup> ,QLE2460 <sup>3</sup> ,QLE2462 <sup>3</sup>  IBM 39M5894 <sup>3</sup> ,39M5895 <sup>3</sup> ,39R6525 <sup>3</sup> ,39R6527 <sup>3</sup> ,42C2069,42C2071,42D0405,42D0407,59Y1987 <sup>1,2,9</sup> ,59Y1993 <sup>1,2,9</sup>	UltraPath	OceanStor S2200T	
2	IBM xSeries	Red Hat Enterprise Linux AS 4 Update5 for x86	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe111  QLogic QLA2460 <sup>3</sup> ,QLA2462 <sup>3</sup> ,QLE2460 <sup>3</sup> ,QLE2462 <sup>3</sup>  IBM 39M5894 <sup>3</sup> ,39M5895 <sup>3</sup> ,39R6525 <sup>3</sup> ,39R6527 <sup>3</sup> ,42C2069,42C2071,42D0405,42D0407,59Y1987 <sup>1,2,9</sup> ,59Y1993 <sup>1,2,9</sup>	UltraPath	OceanStor S2200T	
3	IBM xSeries	Red Hat Enterprise Linux AS 4 Update6 for x86	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe111  QLogic QLA2460 <sup>3</sup> ,QLA2462 <sup>3</sup> ,QLE2460 <sup>3</sup> ,QLE2462 <sup>3</sup>  IBM 39M5894 <sup>3</sup> ,39M5895 <sup>3</sup> ,39R6525 <sup>3</sup> ,39R6527 <sup>3</sup>	UltraPath	OceanStor S2200T	

			527 <sup>3</sup> ,42C2069,42C2071,42D0405,42 D0407,59Y1987 <sup>1,2,9</sup> ,59Y1993 <sup>1,2,9</sup>			
4	IBM xSeries	Red Hat Enterprise Linux AS 4 Update7 for x86	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe111  QLogic QLA2460 <sup>3</sup> ,QLA2462 <sup>3</sup> ,QLE2460 <sup>3</sup> ,QL E2462 <sup>3</sup>  IBM 39M5894 <sup>3</sup> ,39M5895 <sup>3</sup> ,39R6525 <sup>3</sup> ,39R6 527 <sup>3</sup> ,42C2069,42C2071,42D0405,42 D0407,59Y1987 <sup>1,2,9</sup> ,59Y1993 <sup>1,2,9</sup>	UltraPath	OceanStor S2200T	
5	IBM xSeries	Red Hat Enterprise Linux AS 4 Update8 for x86	Brocade 415 <sup>2,1/5,9</sup> ,425 <sup>2,1/5,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe111  QLogic QLA2460 <sup>3</sup> ,QLA2462 <sup>3</sup> ,QLE2460 <sup>3</sup> ,QL E2462 <sup>3</sup> ,QLE2560 <sup>3</sup> ,QLE2562 <sup>3</sup>  IBM 39M5894 <sup>3</sup> ,39M5895 <sup>3</sup> ,39R6525 <sup>3</sup> ,39R6 527 <sup>3</sup> ,42C2069,42C2071,42D0405,42 D0407,42D0501 <sup>3</sup> ,42D0510 <sup>3</sup> ,59Y1987 <sup>2,1/5,9</sup> ,59Y1993 <sup>2,1/5,9</sup>	UltraPath	OceanStor S2200T	
6	IBM xSeries	Red Hat Enterprise Linux 5 for x86	Brocade 415 <sup>2,5,9</sup> ,425 <sup>2,5,9</sup> ,815 <sup>2,5,9</sup> ,825 <sup>2,5,9</sup>  Emulex LP11000,LP11002,LPe11000,LPe110 02  QLogic QLA2460,QLA2462,QLE2460,QLE2 462  IBM 39M5894,39M5895,39R6525,39R652 7,42C2069,42C2071,42D0405,42D04	UltraPath	OceanStor S2200T	

			07,59Y1987 <sup>2,5,9</sup> ,59Y1993 <sup>2,5,9</sup> ,46M6049 <sup>2,5,9</sup> ,46M6050 <sup>2,5,9</sup>			
7	IBM xSeries	Red Hat Enterprise Linux 5 Update1 for x86	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560<sup>12</sup>,QLE2562<sup>12</sup></p> <p>IBM 39M5894,39M5895,39R6525,39R6527,42C2069,42C2071,42D0405,42D0407,42D0501<sup>12</sup>,42D0510<sup>12</sup>,42D0485<sup>8</sup>,42D0494<sup>8</sup>,59Y1987<sup>1,2</sup>,59Y1993<sup>1,2</sup>,46M6049<sup>1,2,9</sup>,46M6050<sup>1,2,9</sup></p>	UltraPath	OceanStor S2200T	
8	IBM xSeries	Red Hat Enterprise Linux 5 Update2 for x86	<p>Brocade 415<sup>2,1/5,9</sup>,425<sup>2,1/5,9</sup>,815<sup>2,1/5,9</sup>,825<sup>2,1/5,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560, QLE2562</p> <p>IBM 39M5894,39M5895,39R6525,39R6527,42C2069,42C2071,42D0405,42D0407,42D0501,42D0510,42D0485<sup>8</sup>,42D0494<sup>8</sup>,59Y1987<sup>2,1/5,9</sup>,59Y1993<sup>2,1/5,9</sup>,46M6049<sup>2,1/5,9</sup>,46M6050<sup>2,1/5,9</sup></p>	UltraPath	OceanStor S2200T	
9	IBM xSeries	Red Hat Enterprise Linux 5 Update3 for x86	<p>ATTO Celerity FC-41ES,FC-42ES</p> <p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe1200</p>	UltraPath	OceanStor S2200T	

			<p>0<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>IBM 39M5894,39M5895,39R6525,39R6527,42C2069,42C2071,42D0405,42D0407,42D0501,42D0510,42D0485<sup>8</sup>,42D0494<sup>8</sup>,59Y1987<sup>1,2,9</sup>,59Y1993<sup>1,2,9</sup>,46M6049<sup>1,2,9</sup>,46M6050<sup>1,2,9</sup></p>			
10	IBM xSeries	Red Hat Enterprise Linux 5 Update4 for x86	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>IBM 39M5894,39M5895,39R6525,39R6527,42C2069,42C2071,42D0405,42D0407,42D0501,42D0510,42D0485<sup>8</sup>,42D0494<sup>8</sup>,59Y1987<sup>1,2,9</sup>,59Y1993<sup>1,2,9</sup>,46M6049<sup>1,2,9</sup>,46M6050<sup>1,2,9</sup></p>	UltraPath	OceanStor S2200T	
11	IBM xSeries	Red Hat Enterprise Linux 5 Update5 for x86	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562,QLE220</p> <p>IBM 39M5894,39M5895,39R6525,39R6527,42C2069,42C2071,42D0405,42D0407,42D0501,42D0510,42D0485<sup>8</sup>,42D</p>	UltraPath	OceanStor S2200T	



			0494 <sup>8</sup> ,59Y1987 <sup>1,2,9</sup> ,59Y1993 <sup>1,2,9</sup> ,46M6049 <sup>1,2,9</sup> ,46M6050 <sup>1,2,9</sup>			
12	IBM xSeries	Red Hat Enterprise Linux 5 Update6 for x86	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup> ,815 <sup>1,2,9</sup> ,825 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe111 <sup>6</sup> ,LPe1200 0 <sup>8</sup> ,LPe12002 <sup>8</sup> ,LPe1250 <sup>8</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2 462,QLE2560,QLE2562  IBM 39M5894,39M5895,39R6525,39R652 7,42C2069,42C2071,42D0405,42D04 07,42D0501,42D0510,42D0485 <sup>8</sup> ,42D 0494 <sup>8</sup> ,59Y1987 <sup>1,2,9</sup> ,59Y1993 <sup>1,2,9</sup> ,46M6 049 <sup>1,2,9</sup> ,46M6050 <sup>1,2,9</sup>	UltraPath	OceanStor S2200T	
13	IBM xSeries	Red Hat Enterprise Linux 5 Update7 for x86	Brocade 415 <sup>2,5,9</sup> ,425 <sup>2,5,9</sup> ,815 <sup>2,5,9</sup> ,825 <sup>2,5,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe111,LPe1200 0 <sup>8</sup> ,LPe12002 <sup>8</sup> ,LPe1250 <sup>8</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2 462,QLE2560,QLE2562  IBM 39M5894,39M5895,39R6525,39R652 7,42C2069,42C2071,42D0405,42D04 07,42D0501,42D0510,42D0485 <sup>8</sup> ,42D 0494 <sup>8</sup> ,59Y1987 <sup>2,5,9</sup> ,59Y1993 <sup>2,5,9</sup> ,46M6 049 <sup>2,5,9</sup> ,46M6050 <sup>2,5,9</sup>	UltraPath	OceanStor S2200T	
14	IBM xSeries	Red Hat Enterprise Linux 5 Update8 for x86	Brocade 415 <sup>2,9</sup> ,425 <sup>2,9</sup> ,815 <sup>2,9</sup> ,825 <sup>2,9</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2 462,QLE2560,QLE2562  Emulex LP11000,LP11002,LPe11000,LPe110	UltraPath	OceanStor S2200T	

			02,LPe12000 <sup>8</sup> ,LPe12002 <sup>8</sup> ,LPe1250 <sup>8</sup>  IBM 59Y1987 <sup>2,9</sup> ,59Y1993 <sup>2,9</sup> ,46M6049 <sup>2,9</sup> ,46 M6050 <sup>2,9</sup> ,42D0405,42D0407,42C206 9,42C2071,39M5894,39M5895,39R6 525,39R6527,42D0501,42D0510,42D 0485 <sup>8</sup> ,42D0494 <sup>8</sup>			
15	IBM xSeries	Red Hat Enterprise Linux 5 Update9 for x86	QLogic QLE2560,QLE2562  IBM 42D0501,42D0510	UltraPath	OceanStor S2200T	
16	IBM xSeries	Red Hat Enterprise Linux 5 Update10 for x86	QLogic QLE2560,QLE2562  IBM 42D0501,42D0510	UltraPath	OceanStor S2200T	
17	IBM xSeries	Red Hat Enterprise Linux 6 for x86	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup> ,815 <sup>1,2,9</sup> ,825 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe1111,LPe1200 0 <sup>4,8</sup> ,LPe12002 <sup>4,8</sup> ,LPe1250 <sup>8</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2 462,QLE2560,QLE2562  IBM 39M5894,39M5895,39R6525,39R652 7,42C2069,42C2071,42D0405,42D04 07,42D0501,42D0510,42D0485 <sup>4,8</sup> ,42 D0494 <sup>4,8</sup> ,59Y1987 <sup>1,2,9</sup> ,59Y1993 <sup>1,2,9</sup> ,46 M6049 <sup>1,2,9</sup> ,46M6050 <sup>1,2,9</sup>	UltraPath	OceanStor S2200T	
18	IBM xSeries	Red Hat Enterprise Linux 6 Update1 for x86	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup> ,815 <sup>1,2,9</sup> ,825 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe1111,LPe1200 0 <sup>4,8</sup> ,LPe12002 <sup>4,8</sup> ,LPe1250 <sup>8</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2 462,QLE2560,QLE2562  IBM 39M5894,39M5895,39R6525,39R652	UltraPath	OceanStor S2200T	

			7,42C2069,42C2071,42D0405,42D0407,42D0501,42D0510,42D0485 <sup>4,8</sup> ,42D0494 <sup>4,8</sup> ,59Y1987 <sup>1,2,9</sup> ,59Y1993 <sup>1,2,9</sup> ,46M6049 <sup>1,2,9</sup> ,46M6050 <sup>1,2,9</sup>			
19	IBM xSeries	Red Hat Enterprise Linux 6 Update2 for x86	<p>Brocade 415<sup>2,9</sup>,425<sup>2,9</sup>,815<sup>2,9</sup>,825<sup>2,9</sup>,1860-1<sup>10</sup>,1860-2<sup>10</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>IBM 39M5894,39M5895,39R6525,39R6527,42D0501,42D0510,42D0405,42D0407,42C2069,42C2071,42D0485<sup>8</sup>,42D0494<sup>8</sup>,59Y1987<sup>2,9</sup>,59Y1993<sup>2,9</sup>,46M6049<sup>2,9</sup>,46M6050<sup>2,9</sup>,81Y1668<sup>10</sup>,81Y1675<sup>10</sup></p>	UltraPath	OceanStor S2200T	See <sup>7</sup>
			<p>QLogic QLE2560,QLE2562</p> <p>IBM 42D0501,42D0510</p>	DM-Multipath	OceanStor S2200T	See <sup>7,13,14</sup>
20	IBM xSeries	Red Hat Enterprise Linux 6 Update3 for x86	<p>Brocade 1860-1<sup>11</sup>,1860-2<sup>11</sup></p> <p>Emulex LPe111,LPe12000<sup>8</sup>,LPe12002<sup>8</sup></p> <p>QLogic QLE2560,QLE2562</p> <p>IBM 42D0501,42D0510,81Y1668<sup>11</sup>,81Y1675<sup>11</sup>,42D0485<sup>8</sup>,42D0494<sup>8</sup></p>	UltraPath	OceanStor S2200T	See <sup>7</sup>
21	IBM xSeries	Red Hat Enterprise Linux 6 Update4 for x86	<p>QLogic QLE2560,QLE2562</p> <p>Emulex LPe12000<sup>8,15</sup>,LPe12002<sup>8,15</sup>,LPe16000<sup>8</sup>,LPe16002<sup>8</sup></p> <p>IBM 42D0501,42D0510,42D0485<sup>8,15</sup>,42D0494<sup>8,15</sup>,81Y1655<sup>8</sup>,81Y1662<sup>8</sup></p>	UltraPath	OceanStor S2200T	See <sup>7</sup>

			Emulex LPe12000 <sup>8</sup> ,LPe12002 <sup>8</sup>  IBM 42D0485 <sup>8</sup> ,42D0494 <sup>8</sup>	DM-Multipath	OceanStor S2200T	See <sup>13,14</sup>
22	IBM xSeries	Red Hat Enterprise Linux 6 Update5 for x86	QLogic QLE2560,QLE2562  IBM 42D0501,42D0510	UltraPath	OceanStor S2200T	

- HBA firmware version/driver version is 2.3.0.0.
- It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
- HBA driver version is 8.02.23.
- HBA firmware version is 2.00a4.
- HBA firmware version/driver version is 3.0.0.0.
- It is prohibited to change topology and speed of the FC ports because of HBA limit.
- It is suggested to remove the associated connection between host and disk storage system at first when the initiator can't be removed from the disk storage system because of the OS limit.
- It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
- The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection.The CLI command is:chgpportparam -c controller id -if interface module id -p port id -d 500.
- HBA firmware version/driver version is 3.0.3.0.
- HBA firmware version/driver version is 3.1.0.0.
- HBA driver version is 8.03.01.04.05.05.
- The disk storage system must enable ALUA function.
- For the detail configuration of DM-Multipath,please contact the technical service centre of Huawei Technologies Co., Ltd..
- HBA firmware version is 2.01A11.

## Oracle Sun

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Oracle Sun x86 Systems	Red Hat Enterprise Linux AS 4 Update4 for x86	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe111  QLogic QLA2460 <sup>3</sup> ,QLA2462 <sup>3</sup> ,QLE2460 <sup>3</sup> ,QL E2462 <sup>3</sup>	UltraPath	OceanStor S2200T	
2	Oracle Sun x86 Systems	Red Hat Enterprise Linux AS 4 Update5 for x86	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe111  QLogic QLA2460 <sup>3</sup> ,QLA2462 <sup>3</sup> ,QLE2460 <sup>3</sup> ,QL	UltraPath	OceanStor S2200T	

			E2462 <sup>3</sup>			
3	Oracle Sun x86 Systems	Red Hat Enterprise Linux AS 4 Update6 for x86	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe111  QLogic QLA2460 <sup>3</sup> ,QLA2462 <sup>3</sup> ,QLE2460 <sup>3</sup> ,QL E2462 <sup>3</sup>	UltraPath	OceanStor S2200T	
4	Oracle Sun x86 Systems	Red Hat Enterprise Linux AS 4 Update7 for x86	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe111  QLogic QLA2460 <sup>3</sup> ,QLA2462 <sup>3</sup> ,QLE2460 <sup>3</sup> ,QL E2462 <sup>3</sup>	UltraPath	OceanStor S2200T	
5	Oracle Sun x86 Systems	Red Hat Enterprise Linux AS 4 Update8 for x86	Brocade 415 <sup>2,1/5,9</sup> ,425 <sup>2,1/5,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe111  QLogic QLA2460 <sup>3</sup> ,QLA2462 <sup>3</sup> ,QLE2460 <sup>3</sup> ,QL E2462 <sup>3</sup> ,QLE2560 <sup>3</sup> ,QLE2562 <sup>3</sup>	UltraPath	OceanStor S2200T	
6	Oracle Sun x86 Systems	Red Hat Enterprise Linux 5 for x86	Brocade 415 <sup>2,5,9</sup> ,425 <sup>2,5,9</sup> ,815 <sup>2,5,9</sup> ,825 <sup>2,5,9</sup>  Emulex LP11000,LP11002,LPe11000,LPe110 02  QLogic QLA2460,QLA2462,QLE2460,QLE2 462	UltraPath	OceanStor S2200T	
7	Oracle Sun x86 Systems	Red Hat Enterprise Linux 5 Update1 for x86	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup> ,815 <sup>1,2,9</sup> ,825 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe111,LPe1200 0 <sup>8</sup> ,LPe12002 <sup>8</sup> ,LPe1250 <sup>8</sup>	UltraPath	OceanStor S2200T	

			QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560 <sup>12</sup> ,QLE2562 <sup>12</sup>			
8	Oracle Sun x86 Systems	Red Hat Enterprise Linux 5 Update2 for x86	Brocade 415 <sup>2,1/5,9</sup> ,425 <sup>2,1/5,9</sup> ,815 <sup>2,1/5,9</sup> ,825 <sup>2,1/5,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe1111,LPe1200 0 <sup>8</sup> ,LPe12002 <sup>8</sup> ,LPe1250 <sup>8</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	
9	Oracle Sun x86 Systems	Red Hat Enterprise Linux 5 Update3 for x86	ATTO Celerity FC-41ES,FC-42ES  Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup> ,815 <sup>1,2,9</sup> ,825 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe1111,LPe1200 0 <sup>8</sup> ,LPe12002 <sup>8</sup> ,LPe1250 <sup>8</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	
10	Oracle Sun x86 Systems	Red Hat Enterprise Linux 5 Update4 for x86	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup> ,815 <sup>1,2,9</sup> ,825 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe1111,LPe1200 0 <sup>8</sup> ,LPe12002 <sup>8</sup> ,LPe1250 <sup>8</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	
11	Oracle Sun x86 Systems	Red Hat Enterprise Linux 5 Update5 for x86	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup> ,815 <sup>1,2,9</sup> ,825 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe1111,LPe1200 0 <sup>8</sup> ,LPe12002 <sup>8</sup> ,LPe1250 <sup>8</sup>  QLogic	UltraPath	OceanStor S2200T	

			QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562,QLE220			
12	Oracle Sun x86 Systems	Red Hat Enterprise Linux 5 Update6 for x86	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup> ,815 <sup>1,2,9</sup> ,825 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111 <sup>6</sup> ,LPe12000 <sup>8</sup> ,LPe12002 <sup>8</sup> ,LPe1250 <sup>8</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	
13	Oracle Sun x86 Systems	Red Hat Enterprise Linux 5 Update7 for x86	Brocade 415 <sup>2,5,9</sup> ,425 <sup>2,5,9</sup> ,815 <sup>2,5,9</sup> ,825 <sup>2,5,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111,LPe12000 <sup>8</sup> ,LPe12002 <sup>8</sup> ,LPe1250 <sup>8</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	
14	Oracle Sun x86 Systems	Red Hat Enterprise Linux 5 Update8 for x86	Brocade 415 <sup>2,9</sup> ,425 <sup>2,9</sup> ,815 <sup>2,9</sup> ,825 <sup>2,9</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000 <sup>8</sup> ,LPe12002 <sup>8</sup> ,LPe1250 <sup>8</sup>	UltraPath	OceanStor S2200T	
15	Oracle Sun x86 Systems	Red Hat Enterprise Linux 5 Update9 for x86	QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	
16	Oracle Sun x86 Systems	Red Hat Enterprise Linux 5 Update10 for x86	QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	
17	Oracle Sun x86 Systems	Red Hat Enterprise Linux 6 for x86	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup> ,815 <sup>1,2,9</sup> ,825 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111,LPe12000 <sup>4,8</sup> ,LPe12002 <sup>4,8</sup> ,LPe1250 <sup>8</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462	UltraPath	OceanStor S2200T	

			462,QLE2560,QLE2562			
18	Oracle Sun x86 Systems	Red Hat Enterprise Linux 6 Update1 for x86	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup> ,815 <sup>1,2,9</sup> ,825 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe1111,LPe1200 0 <sup>4,8</sup> ,LPe12002 <sup>4,8</sup> ,LPe1250 <sup>8</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2 462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	
19	Oracle Sun x86 Systems	Red Hat Enterprise Linux 6 Update2 for x86	Brocade 415 <sup>2,9</sup> ,425 <sup>2,9</sup> ,815 <sup>2,9</sup> ,825 <sup>2,9</sup> ,1860-1 <sup>10</sup> ,186 0-2 <sup>10</sup>  Emulex LP11000,LP11002,LPe11000,LPe110 02,LPe12000 <sup>8</sup> ,LPe12002 <sup>8</sup> ,LPe1250 <sup>8</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2 462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	See <sup>7</sup>
			QLogic QLE2560,QLE2562	DM-Multipath	OceanStor S200T	See <sup>7,13,14</sup>
20	Oracle Sun x86 Systems	Red Hat Enterprise Linux 6 Update3 for x86	Brocade 1860-1 <sup>11</sup> ,1860-2 <sup>11</sup>  Emulex LPe111,LPe12000 <sup>8</sup> ,LPe12002 <sup>8</sup>  QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	See <sup>7</sup>
21	Oracle Sun x86 Systems	Red Hat Enterprise Linux 6 Update4 for x86	QLogic QLE2560,QLE2562  Emulex LPe12000 <sup>8,15</sup> ,LPe12002 <sup>8,15</sup> ,LPe16000 <sup>8</sup> ,LPe16002 <sup>8</sup>	UltraPath	OceanStor S2200T	See <sup>7</sup>
			Emulex LPe12000 <sup>8</sup> ,LPe12002 <sup>8</sup>	DM-Multipath	OceanStor S2200T	See <sup>13,14</sup>
22	Oracle Sun x86 Systems	Red Hat Enterprise Linux 6 Update5 for x86	QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	

1. HBA firmware version/driver version is 2.3.0.0.
2. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
3. HBA driver version is 8.02.23.
4. HBA firmware version is 2.00a4.
5. HBA firmware version/driver version is 3.0.0.0.
6. It is prohibited to change topology and speed of the FC ports because of HBA limit.



7. It is suggested to remove the associated connection between host and disk storage system at first when the initiator can't be removed from the disk storage system because of the OS limit.
8. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
9. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection. The CLI command is: `chgpportparam -c controller id -if interface module id -p port id -d 500`.
10. HBA firmware version/driver version is 3.0.3.0.
11. HBA firmware version/driver version is 3.1.0.0.
12. HBA driver version is 8.03.01.04.05.05.
13. The disk storage system must enable ALUA function.
14. For the detail configuration of DM-Multipath, please contact the technical service centre of Huawei Technologies Co., Ltd..
15. HBA firmware version is 2.01A11.

## Red Hat x86\_64

### Cisco

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Cisco UCS C210 M2	Red Hat Enterprise Linux 5 Update5 for x86_64	Emulex LPe11000 <sup>1,2</sup> , LPe11002 <sup>1,2</sup>	UltraPath	OceanStor S2200T	
2	Cisco UCS C210 M2	Red Hat Enterprise Linux 5 Update6 for x86_64	QLogic QLE2460, QLE2462, QLE2560, QLE2562	UltraPath	OceanStor S2200T	
3	Cisco UCS C210 M2	Red Hat Enterprise Linux 5 Update7 for x86_64	Emulex LPe11000 <sup>2</sup> , LPe11002 <sup>2</sup>  QLogic QLE2460, QLE2462, QLE2560, QLE2562	UltraPath	OceanStor S2200T	
4	Cisco UCS C210 M2	Red Hat Enterprise Linux 5 Update8 for x86_64	Emulex LPe11000 <sup>2</sup> , LPe11002 <sup>2</sup>  QLogic QLE2460, QLE2462, QLE2560, QLE2562	UltraPath	OceanStor S2200T	
5	Cisco UCS C210 M2	Red Hat Enterprise Linux 6 Update1 for x86_64	Emulex LPe11000 <sup>2</sup> , LPe11002 <sup>2</sup>  QLogic QLE2460, QLE2462, QLE2560, QLE2562	UltraPath	OceanStor S2200T	
6	Cisco UCS C210 M2	Red Hat Enterprise Linux 6 Update2 for x86_64	Emulex LPe11000 <sup>2</sup> , LPe11002 <sup>2</sup>  QLogic QLE2460, QLE2462, QLE2560, QLE2562	UltraPath	OceanStor S2200T	

1. HBA driver version is 8.2.0.96.
2. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.

Dell

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Dell PowerEdge Series	Red Hat Enterprise Linux AS 4 Update4 for x86_64	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111  QLogic QLA2460 <sup>3</sup> ,QLA2462 <sup>3</sup> ,QLE2460 <sup>3</sup> ,QLE2462 <sup>3</sup>  Dell PF323 <sup>3</sup> ,FH590 <sup>3</sup> ,DH226 <sup>3</sup> ,FF340 <sup>3</sup> ,LPe11002-E,LP1150-E,LPe1150-E	UltraPath	OceanStor S2200T	
2	Dell PowerEdge Series	Red Hat Enterprise Linux AS 4 Update5 for x86_64	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111  QLogic QLA2460 <sup>3</sup> ,QLA2462 <sup>3</sup> ,QLE2460 <sup>3</sup> ,QLE2462 <sup>3</sup>  Dell PF323 <sup>3</sup> ,FH590 <sup>3</sup> ,DH226 <sup>3</sup> ,FF340 <sup>3</sup> ,LP1150-E,LPe11002-E,LPe1150-E	UltraPath	OceanStor S2200T	
3	Dell PowerEdge Series	Red Hat Enterprise Linux AS 4 Update6 for x86_64	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111  QLogic QLA2460 <sup>3</sup> ,QLA2462 <sup>3</sup> ,QLE2460 <sup>3</sup> ,QLE2462 <sup>3</sup>  Dell PF323 <sup>3</sup> ,FH590 <sup>3</sup> ,DH226 <sup>3</sup> ,FF340 <sup>3</sup> ,LPe11002-E,LP1150-E,LPe1150-E	UltraPath	OceanStor S2200T	
4	Dell PowerEdge	Red Hat Enterprise Linux AS 4 Update7 for x86_64	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup>	UltraPath	OceanStor S2200T	

	Series		<p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111</p> <p>QLogic QLA2460<sup>3</sup>,QLA2462<sup>3</sup>,QLE2460<sup>3</sup>,QLE2462<sup>3</sup></p> <p>Dell PF323<sup>3</sup>,FH590<sup>3</sup>,DH226<sup>3</sup>,FF340<sup>3</sup>,LP1150-E,LPe11002-E,LPe1150-E</p>			
5	Dell PowerEdge Series	Red Hat Enterprise Linux AS 4 Update8 for x86_64	<p>Brocade 415<sup>2,1/5,9</sup>,425<sup>2,1/5,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111</p> <p>QLogic QLA2460<sup>3</sup>,QLA2462<sup>3</sup>,QLE2460<sup>3</sup>,QLE2462<sup>3</sup>,QLE2560<sup>3</sup>,QLE2562<sup>3</sup></p> <p>Dell PF323<sup>3</sup>,FH590<sup>3</sup>,DH226<sup>3</sup>,FF340<sup>3</sup>,F641C<sup>3</sup>,H144C<sup>3</sup>,LP1150-E,LPe11002-E,LPe1150-E</p>	UltraPath	OceanStor S2200T	
6	Dell PowerEdge Series	Red Hat Enterprise Linux 5 for x86_64	<p>Brocade 415<sup>2,5,9</sup>,425<sup>2,5,9</sup>,815<sup>2,5,9</sup>,825<sup>2,5,9</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p> <p>Dell PF323,FH590,DH226,FF340,LPe11002-E,BR815<sup>2,5,9</sup>,BR825<sup>2,5,9</sup></p>	UltraPath	OceanStor S2200T	
7	Dell PowerEdge Series	Red Hat Enterprise Linux 5 Update1 for x86_64	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p>	UltraPath	OceanStor S2200T	

			<p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560<sup>12</sup>,QLE2562<sup>12</sup></p> <p>Dell PF323,FH590,DH226,FF340,F641C<sup>12</sup>,H144C<sup>12</sup>,LP1150-E,LPe11002-E,LPe12000-E<sup>8</sup>,LPe12002-E<sup>8</sup>,LPe1150-E,BR815<sup>1,2,9</sup>,BR825<sup>1,2,9</sup></p>			
8	Dell PowerEdge Series	Red Hat Enterprise Linux 5 Update2 for x86_64	<p>Brocade 415<sup>2,1/5,9</sup>,425<sup>2,1/5,9</sup>,815<sup>2,1/5,9</sup>,825<sup>2,1/5,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>Dell PF323,FH590,DH226,FF340,F641C,H144C,LP1150-E,LPe11002-E,LPe12000-E<sup>8</sup>,LPe12002-E<sup>8</sup>,LPe1150-E,BR815<sup>2,1/5,9</sup>,BR825<sup>2,1/5,9</sup></p>	UltraPath	OceanStor S2200T	
9	Dell PowerEdge Series	Red Hat Enterprise Linux 5 Update3 for x86_64	<p>ATTO Celerity FC-41ES,FC-42ES</p> <p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>Dell PF323,FH590,DH226,FF340,F641C,H144C,LP1150-E,LPe11002-E,LPe12000-E<sup>8</sup>,LPe12002-E<sup>8</sup>,LPe1150-E,BR8</p>	UltraPath	OceanStor S2200T	

			15 <sup>1,2,9</sup> ,BR825 <sup>1,2,9</sup>			
10	Dell PowerEdge Series	Red Hat Enterprise Linux 5 Update4 for x86_64	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup> ,815 <sup>1,2,9</sup> ,825 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe1111,LPe1200 0 <sup>8</sup> ,LPe12002 <sup>8</sup> ,LPe1250 <sup>8</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2 462,QLE2560,QLE2562  Dell PF323,FH590,DH226,FF340,F641C, H144C,LP1150-E,LPe11002-E,LPe12 000-E <sup>8</sup> ,LPe12002-E <sup>8</sup> ,LPe1150-E,BR8 15 <sup>1,2,9</sup> ,BR825 <sup>1,2,9</sup>	UltraPath	OceanStor S2200T	
11	Dell PowerEdge Series	Red Hat Enterprise Linux 5 Update5 for x86_64	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup> ,815 <sup>1,2,9</sup> ,825 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe1111,LPe1200 0 <sup>8</sup> ,LPe12002 <sup>8</sup> ,LPe1250 <sup>8</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2 462,QLE2560,QLE2562,QLE220  Dell PF323,FH590,DH226,FF340,F641C, H144C,LP1150-E,LPe11002-E,LPe12 000-E <sup>8</sup> ,LPe12002-E <sup>8</sup> ,LPe1150-E,BR8 15 <sup>1,2,9</sup> ,BR825 <sup>1,2,9</sup>	UltraPath	OceanStor S2200T	
12	Dell PowerEdge Series	Red Hat Enterprise Linux 5 Update6 for x86_64	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup> ,815 <sup>1,2,9</sup> ,825 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe111 <sup>6</sup> ,LPe1200 0 <sup>8</sup> ,LPe12002 <sup>8</sup> ,LPe1250 <sup>8</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2 462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	

			Dell PF323,FH590,DH226,FF340,F641C, H144C,LP1150-E,LPe11002-E,LPe12 000-E <sup>8</sup> ,LPe12002-E <sup>8</sup> ,LPe1150-E,BR8 15 <sup>1,2,9</sup> ,BR825 <sup>1,2,9</sup>			
13	Dell PowerEdge Series	Red Hat Enterprise Linux 5 Update7 for x86_64	Brocade 415 <sup>2,5,9</sup> ,425 <sup>2,5,9</sup> ,815 <sup>2,5,9</sup> ,825 <sup>2,5,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe1111,LPe1200 0 <sup>8</sup> ,LPe12002 <sup>8</sup> ,LPe1250 <sup>8</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2 462,QLE2560,QLE2562  Dell PF323,FH590,DH226,FF340,F641C, H144C,LP1150-E,LPe11002-E,LPe12 000-E <sup>8</sup> ,LPe12002-E <sup>8</sup> ,LPe1150-E,BR8 15 <sup>2,5,9</sup> ,BR825 <sup>2,5,9</sup>	UltraPath	OceanStor S2200T	
14	Dell PowerEdge Series	Red Hat Enterprise Linux 5 Update8 for x86_64	Brocade 415 <sup>2,9</sup> ,425 <sup>2,9</sup> ,815 <sup>2,9</sup> ,825 <sup>2,9</sup>  Emulex LP11000,LP11002,LPe11000,LPe110 02,LPe12000 <sup>8</sup> ,LPe12002 <sup>8</sup> ,LPe1250 <sup>8</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2 462,QLE2560,QLE2562  Dell BR815 <sup>2,9</sup> ,BR825 <sup>2,9</sup> ,LPe11002-E,PF32 3,FH590,DH226,FF340,F641C,H144 C,LPe12000-E <sup>8</sup> ,LPe12002-E <sup>8</sup>	UltraPath	OceanStor S2200T	
15	Dell PowerEdge Series	Red Hat Enterprise Linux 5 Update9 for x86_64	QLogic QLE2560,QLE2562  Dell F641C,H144C	UltraPath	OceanStor S2200T	
16	Dell PowerEdge Series	Red Hat Enterprise Linux 5 Update10 for x86_64	QLogic QLE2560,QLE2562  Dell F641C,H144C	UltraPath	OceanStor S2200T	
17	Dell PowerEdge Series	Red Hat Enterprise Linux 6 for x86_64	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup> ,815 <sup>1,2,9</sup> ,825 <sup>1,2,9</sup>  Emulex	UltraPath	OceanStor S2200T	

			<p>LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>4,8</sup>,LPe12002<sup>4,8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>Dell PF323,FH590,DH226,FF340,F641C,H144C,LP1150-E,LPe11002-E,LPe12000-E<sup>4,8</sup>,LPe12002-E<sup>4,8</sup>,LPe1150-E,BR815<sup>1,2,9</sup>,BR825<sup>1,2,9</sup></p>			
18	Dell PowerEdge Series	Red Hat Enterprise Linux 6 Update1 for x86_64	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>4,8</sup>,LPe12002<sup>4,8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>Dell PF323,FH590,DH226,FF340,F641C,H144C,LP1150-E,LPe11002-E,LPe12000-E<sup>4,8</sup>,LPe12002-E<sup>4,8</sup>,LPe1150-E,BR815<sup>1,2,9</sup>,BR825<sup>1,2,9</sup></p>	UltraPath	OceanStor S2200T	
19	Dell PowerEdge Series	Red Hat Enterprise Linux 6 Update2 for x86_64	<p>Brocade 415<sup>2,9</sup>,425<sup>2,9</sup>,815<sup>2,9</sup>,825<sup>2,9</sup>,1860-1<sup>10</sup>,1860-2<sup>10</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>Dell PF323,FH590,DH226,FF340,F641C,H144C,LPe11002-E,LPe12000-E<sup>4,8</sup>,L</p>	UltraPath	OceanStor S2200T	See <sup>7</sup>

			Pe12002-E <sup>4,8</sup> ,BR815 <sup>2,9</sup> ,BR825 <sup>2,9</sup>			
			QLogic QLE2560,QLE2562	DM-Multipath	OceanStor S2200T	See <sup>7,13,14</sup>
			Dell F641C,H144C			
20	Dell PowerEdge Series	Red Hat Enterprise Linux 6 Update3 for x86_64	Brocade 1860-1 <sup>11</sup> ,1860-2 <sup>11</sup>  Emulex LPe111,LPe12000 <sup>8</sup> ,LPe12002 <sup>8</sup>  QLogic QLE2560,QLE2562  Dell F641C,H144C,LPe12000-E <sup>8</sup> ,LPe12002-E <sup>8</sup>	UltraPath	OceanStor S2200T	See <sup>7</sup>
21	Dell PowerEdge Series	Red Hat Enterprise Linux 6 Update4 for x86_64	QLogic QLE2560,QLE2562  Emulex LPe12000 <sup>8,15</sup> ,LPe12002 <sup>8,15</sup> ,LPe16000 <sup>8</sup> ,LPe16002 <sup>8</sup>  Dell F641C,H144C,LPe12000-E <sup>8,15</sup> ,LPe12002-E <sup>8,15</sup>	UltraPath	OceanStor S2200T	See <sup>7</sup>
			Emulex LPe12000 <sup>8</sup> ,LPe12002 <sup>8</sup>  Dell LPe12000-E <sup>8</sup> ,LPe12002-E <sup>8</sup>	DM-Multipath	OceanStor S2200T	See <sup>13,14</sup>
22	Dell PowerEdge Series	Red Hat Enterprise Linux 6 Update5 for x86_64	QLogic QLE2560,QLE2562  Dell F641C,H144C	UltraPath	OceanStor S2200T	
23	Dell PowerEdge Series	Red Hat Enterprise Linux 7 for x86_64	Emulex LPe12000,LPe12002  QLogic QLE2560,QLE2562  Dell F641C,H144C,LPe12000-E,LPe12002-E	DM-Multipath	OceanStor S2200T	See <sup>6,14</sup>
24	Dell M1000e M610,M710HD	Red Hat Enterprise Linux 5 Update8 for x86_64	Emulex LPe1205-M  QLogic QME2572	UltraPath	OceanStor S2200T	See <sup>7</sup>
24	Dell M1000e M610,M710HD	Red Hat Enterprise Linux 6 Update3 for x86_64	QLogic QME2572	UltraPath	OceanStor S2200T	See <sup>7</sup>

1. HBA firmware version/driver version is 2.3.0.0.

2. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.



3. HBA driver version is 8.02.23.
4. HBA firmware version is 2.00a4.
5. HBA firmware version/driver version is 3.0.0.0.
6. It is prohibited to change topology and speed of the FC ports because of HBA limit.
7. It is suggested to remove the associated connection between host and disk storage system at first when the initiator can't be removed from the disk storage system because of the OS limit.
8. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
9. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection. The CLI command is: `chgportparam -c controller id -if interface module id -p port id -d 500`.
10. HBA firmware version/driver version is 3.0.3.0.
11. HBA firmware version/driver version is 3.1.0.0.
12. HBA driver version is 8.03.01.04.05.05.
13. The disk storage system must enable ALUA function.
14. For the detail configuration of DM-Multipath, please contact the technical service centre of Huawei Technologies Co., Ltd..
15. HBA firmware version is 2.01A11.

### Fujitsu

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	PRIMERGY BX620	Red Hat Enterprise Linux 6 Update2 for x86_64	Fujitsu BX600-FC42E	UltraPath	OceanStor S2200T	

### HP

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	HP ProLiant Series	Red Hat Enterprise Linux AS 4 Update4 for x86_64	Brocade 415 <sup>1,2,9</sup> , 425 <sup>1,2,9</sup>  Emulex LP11000, LP11002, LP1150, LPe11000, LPe11002, LPe1150, LPe111  QLogic QLA2460 <sup>3</sup> , QLA2462 <sup>3</sup> , QLE2460 <sup>3</sup> , QLE2462 <sup>3</sup>  HP AP767A <sup>1,2,9</sup> , AP768A <sup>1,2,9</sup> , AB429A/FC1143 <sup>3</sup> , AE369A/FC1243 <sup>3</sup> , AE311A/FC1142SR <sup>3</sup> , AE312A/FC1242SR <sup>3</sup> , A8002A/FC2142SR, A8003A/FC2242SR, AD168A/FC2243	UltraPath	OceanStor S2200T	
2	HP ProLiant Series	Red Hat Enterprise Linux AS 4 Update5 for x86_64	Brocade 415 <sup>1,2,9</sup> , 425 <sup>1,2,9</sup>  Emulex	UltraPath	OceanStor S2200T	

			<p>LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111</p> <p>QLogic QLA2460<sup>3</sup>,QLA2462<sup>3</sup>,QLE2460<sup>3</sup>,QLE2462<sup>3</sup></p> <p>HP AP767A<sup>1,2,9</sup>,AP768A<sup>1,2,9</sup>,AB429A/FC1143<sup>3</sup>,AE369A/FC1243<sup>3</sup>,AE311A/FC1142SR<sup>3</sup>,AE312A/FC1242SR<sup>3</sup>,A8002A/FC2142SR,A8003A/FC2242SR,A D168A/FC2243</p>			
3	HP ProLiant Series	Red Hat Enterprise Linux AS 4 Update6 for x86_64	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111</p> <p>QLogic QLA2460<sup>3</sup>,QLA2462<sup>3</sup>,QLE2460<sup>3</sup>,QLE2462<sup>3</sup></p> <p>HP AP767A<sup>1,2,9</sup>,AP768A<sup>1,2,9</sup>,AB429A/FC1143<sup>3</sup>,AE369A/FC1243<sup>3</sup>,AE311A/FC1142SR<sup>3</sup>,AE312A/FC1242SR<sup>3</sup>,A8002A/FC2142SR,A8003A/FC2242SR,A D168A/FC2243</p>	UltraPath	OceanStor S2200T	
4	HP ProLiant Series	Red Hat Enterprise Linux AS 4 Update7 for x86_64	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111</p> <p>QLogic QLA2460<sup>3</sup>,QLA2462<sup>3</sup>,QLE2460<sup>3</sup>,QLE2462<sup>3</sup></p> <p>HP AP767A<sup>1,2,9</sup>,AP768A<sup>1,2,9</sup>,AB429A/FC1143<sup>3</sup>,AE369A/FC1243<sup>3</sup>,AE311A/FC1142SR<sup>3</sup>,AE312A/FC1242SR<sup>3</sup>,A8002A/FC2142SR,A8003A/FC2242SR,A</p>	UltraPath	OceanStor S2200T	

			D168A/FC2243			
5	HP ProLiant Series	Red Hat Enterprise Linux AS 4 Update8 for x86_64	<p>Brocade 415<sup>2,1/5,9</sup>,425<sup>2,1/5,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111</p> <p>QLogic QLA2460<sup>3</sup>,QLA2462<sup>3</sup>,QLE2460<sup>3</sup>,QLE2462<sup>3</sup>,QLE2560<sup>3</sup>,QLE2562<sup>3</sup></p> <p>HP AP767A<sup>2,1/5,9</sup>,AP768A<sup>2,1/5,9</sup>,AB429A/F C1143<sup>3</sup>,AE369A/FC1243<sup>3</sup>,AE311A/F C1142SR<sup>3</sup>,AE312A/FC1242SR<sup>3</sup>,A800 2A/FC2142SR,A8003A/FC2242SR,A D168A/FC2243,AK344A/81Q<sup>3</sup>,AJ76 4A/82Q<sup>3</sup></p>	UltraPath	OceanStor S2200T	
6	HP ProLiant Series	Red Hat Enterprise Linux 5 for x86_64	<p>Brocade 415<sup>2,5,9</sup>,425<sup>2,5,9</sup>,815<sup>2,5,9</sup>,825<sup>2,5,9</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p> <p>HP AP767A<sup>2,5,9</sup>,AP768A<sup>2,5,9</sup>,AP769A<sup>2,5,9</sup>, AP770A<sup>2,5,9</sup>,AB429A/FC1143,AE369 A/FC1243,AE311A/FC1142SR,AE31 2A/FC1242SR,AD168A/FC2243,A80 03A/FC2242SR</p>	UltraPath	OceanStor S2200T	
7	HP ProLiant Series	Red Hat Enterprise Linux 5 Update1 for x86_64	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111,LPe1200 0<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560<sup>12</sup>,QLE2562<sup>12</sup></p>	UltraPath	OceanStor S2200T	

			<p>HP  AP767A<sup>1,2,9</sup>,AP768A<sup>1,2,9</sup>,AP769A<sup>1,2,9</sup>,  AP770A<sup>1,2,9</sup>,AB429A/FC1143,AE369  A/FC1243,AE311A/FC1142SR,AE31  2A/FC1242SR,A8002A/FC2142SR,A  8003A/FC2242SR,AD168A/FC2243,  AK344A/81Q<sup>12</sup>,AJ764A/82Q<sup>12</sup>,AJ762  A/81E<sup>8</sup>,AJ763A/82E<sup>8</sup></p>			
8	HP ProLiant Series	Red Hat Enterprise Linux 5 Update2 for x86_64	<p>Brocade  415<sup>2,1/5,9</sup>,425<sup>2,1/5,9</sup>,815<sup>2,1/5,9</sup>,825<sup>2,1/5,9</sup></p> <p>Emulex  LP11000,LP11002,LP1150,LPe11000,  LPe11002,LPe1150,LPe1111,LPe1200  0<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic  QLA2460,QLA2462,QLE2460,QLE2  462,QLE2560,QLE2562</p> <p>HP  AP767A<sup>2,1/5,9</sup>,AP768A<sup>2,1/5,9</sup>,AP769A<sup>2,1/  5,9</sup>,AP770A<sup>2,1/5,9</sup>,AB429A/FC1143,AE  369A/FC1243,AE311A/FC1142SR,A  E312A/FC1242SR,A8002A/FC2142S  R,A8003A/FC2242SR,AD168A/FC2  243,AK344A/81Q,AJ764A/82Q,AJ76  2A/81E<sup>8</sup>,AJ763A/82E<sup>8</sup></p>	UltraPath	OceanStor S2200T	
9	HP ProLiant Series	Red Hat Enterprise Linux 5 Update3 for x86_64	<p>ATTO Celerity FC-41ES,FC-42ES</p> <p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex  LP11000,LP11002,LP1150,LPe11000,  LPe11002,LPe1150,LPe1111,LPe1200  0<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic  QLA2460,QLA2462,QLE2460,QLE2  462,QLE2560,QLE2562</p> <p>HP  AP767A<sup>1,2,9</sup>,AP768A<sup>1,2,9</sup>,AP769A<sup>1,2,9</sup>,</p>	UltraPath	OceanStor S2200T	

			AP770A <sup>1,2,9</sup> ,AB429A/FC1143,AE369 A/FC1243,AE311A/FC1142SR,AE31 2A/FC1242SR,A8002A/FC2142SR,A 8003A/FC2242SR,AD168A/FC2243, AK344A/81Q,AJ764A/82Q,AJ762A/ 81E <sup>8</sup> ,AJ763A/82E <sup>8</sup>			
10	HP ProLiant Series	Red Hat Enterprise Linux 5 Update4 for x86_64	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup> ,815 <sup>1,2,9</sup> ,825 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe1111,LPe1200 0 <sup>8</sup> ,LPe12002 <sup>8</sup> ,LPe1250 <sup>8</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2 462,QLE2560,QLE2562  HP AP767A <sup>1,2,9</sup> ,AP768A <sup>1,2,9</sup> ,AP769A <sup>1,2,9</sup> , AP770A <sup>1,2,9</sup> ,AB429A/FC1143,AE369 A/FC1243,AE311A/FC1142SR,AE31 2A/FC1242SR,A8002A/FC2142SR,A 8003A/FC2242SR,AD168A/FC2243, AK344A/81Q,AJ764A/82Q,AJ762A/ 81E <sup>8</sup> ,AJ763A/82E <sup>8</sup>	UltraPath	OceanStor S2200T	
11	HP ProLiant Series	Red Hat Enterprise Linux 5 Update5 for x86_64	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup> ,815 <sup>1,2,9</sup> ,825 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe1111,LPe1200 0 <sup>8</sup> ,LPe12002 <sup>8</sup> ,LPe1250 <sup>8</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2 462,QLE2560,QLE2562,QLE220  HP AP767A <sup>1,2,9</sup> ,AP768A <sup>1,2,9</sup> ,AP769A <sup>1,2,9</sup> , AP770A <sup>1,2,9</sup> ,AB429A/FC1143,AE369 A/FC1243,AE311A/FC1142SR,AE31 2A/FC1242SR,A8002A/FC2142SR,A 8003A/FC2242SR,AD168A/FC2243, AK344A/81Q,AJ764A/82Q,AJ762A/ 81E <sup>8</sup> ,AJ763A/82E <sup>8</sup>	UltraPath	OceanStor S2200T	

12	HP ProLiant Series	Red Hat Enterprise Linux 5 Update6 for x86_64	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111<sup>6</sup>,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>HP AP767A<sup>1,2,9</sup>,AP768A<sup>1,2,9</sup>,AP769A<sup>1,2,9</sup>,AP770A<sup>1,2,9</sup>,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,A8002A/FC2142SR,A8003A/FC2242SR,AD168A/FC2243,AK344A/81Q,AJ764A/82Q,AJ762A/81E<sup>8</sup>,AJ763A/82E<sup>8</sup></p>	UltraPath	OceanStor S2200T	
13	HP ProLiant Series	Red Hat Enterprise Linux 5 Update7 for x86_64	<p>Brocade 415<sup>2,5,9</sup>,425<sup>2,5,9</sup>,815<sup>2,5,9</sup>,825<sup>2,5,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>HP AP767A<sup>2,5,9</sup>,AP768A<sup>2,5,9</sup>,AP769A<sup>2,5,9</sup>,AP770A<sup>2,5,9</sup>,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,A8002A/FC2142SR,A8003A/FC2242SR,AD168A/FC2243,AK344A/81Q,AJ764A/82Q,AJ762A/81E<sup>8</sup>,AJ763A/82E<sup>8</sup></p>	UltraPath	OceanStor S2200T	
14	HP ProLiant Series	Red Hat Enterprise Linux 5 Update8 for x86_64	<p>Brocade 415<sup>2,9</sup>,425<sup>2,9</sup>,815<sup>2,9</sup>,825<sup>2,9</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	

			<p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>HP AP767A<sup>2,9</sup>,AP768A<sup>2,9</sup>,AP769A<sup>2,9</sup>,AP770A<sup>2,9</sup>,AD168A/FC2243,A8003A/FC2242SR,AK344A/81Q,AJ764A/82Q,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,AJ762A/81E<sup>8</sup>,AJ763A/82E<sup>8</sup></p>			
15	HP ProLiant Series	Red Hat Enterprise Linux 5 Update9 for x86_64	<p>QLogic QLE2560,QLE2562</p> <p>HP AK344A/81Q,AJ764A/82Q</p>	UltraPath	OceanStor S2200T	
16	HP ProLiant Series	Red Hat Enterprise Linux 5 Update10 for x86_64	<p>QLogic QLE2560,QLE2562</p> <p>HP AK344A/81Q,AJ764A/82Q</p>	UltraPath	OceanStor S2200T	
17	HP ProLiant Series	Red Hat Enterprise Linux 6 for x86_64	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>4,8</sup>,LPe12002<sup>4,8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>HP AP767A<sup>1,2,9</sup>,AP768A<sup>1,2,9</sup>,AP769A<sup>1,2,9</sup>,AP770A<sup>1,2,9</sup>,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,A8002A/FC2142SR,A8003A/FC2242SR,AD168A/FC2243,AK344A/81Q,AJ764A/82Q,AJ762A/81E<sup>8</sup>,AJ763A/82E<sup>8</sup></p>	UltraPath	OceanStor S2200T	
18	HP ProLiant Series	Red Hat Enterprise Linux 6 Update1 for x86_64	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>4,8</sup>,LPe12002<sup>4,8</sup>,LPe1250<sup>8</sup></p> <p>QLogic</p>	UltraPath	OceanStor S2200T	

			<p>QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>HP AP767A<sup>1,2,9</sup>,AP768A<sup>1,2,9</sup>,AP769A<sup>1,2,9</sup>,AP770A<sup>1,2,9</sup>,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,A8002A/FC2142SR,A8003A/FC2242SR,AD168A/FC2243,AK344A/81Q,AJ764A/82Q,AJ762A/81E<sup>8</sup>,AJ763A/82E<sup>8</sup></p>			
19	HP ProLiant Series	Red Hat Enterprise Linux 6 Update2 for x86_64	<p>Brocade 415<sup>2,9</sup>,425<sup>2,9</sup>,815<sup>2,9</sup>,825<sup>2,9</sup>,1860-1<sup>10</sup>,1860-2<sup>10</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>HP AP767A<sup>2,9</sup>,AP768A<sup>2,9</sup>,AP769A<sup>2,9</sup>,AP770A<sup>2,9</sup>,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,AK344A/81Q,AJ764A/82Q,AD168A/FC2243,A8003A/FC2242SR,AJ762A/81E<sup>8</sup>,AJ763A/82E<sup>8</sup></p>	UltraPath	OceanStor S2200T	See <sup>7</sup>
			<p>QLogic QLE2560,QLE2562</p> <p>HP AK344A/81Q,AJ764A/82Q</p>	DM-Multipath	OceanStor S2200T	See <sup>7,13,14</sup>
20	HP ProLiant Series	Red Hat Enterprise Linux 6 Update3 for x86_64	<p>Brocade 1860-1<sup>11</sup>,1860-2<sup>11</sup></p> <p>Emulex LPe111,LPe12000<sup>8</sup>,LPe12002<sup>8</sup></p> <p>QLogic QLE2560,QLE2562</p> <p>HP AK344A/81Q,AJ764A/82Q,AJ762A/81E<sup>8</sup>,AJ763A/82E<sup>8</sup></p>	UltraPath	OceanStor S2200T	See <sup>7</sup>
21	HP ProLiant	Red Hat Enterprise Linux 6	QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	See <sup>7</sup>



	Series	Update4 for x86_64	Emulex LPe12000 <sup>8,15</sup> ,LPe12002 <sup>8,15</sup> ,LPe16000 <sup>8</sup> .LPe16002 <sup>8</sup>  HP AK344A/81Q,AJ764A/82Q,AJ762A/ 81E <sup>8,15</sup> ,AJ763A/82E <sup>8,15</sup> ,QR558A <sup>8</sup> ,QR 559A <sup>8</sup>			
			Emulex LPe12000 <sup>8</sup> ,LPe12002 <sup>8</sup>  HP AJ762A/81E <sup>8</sup> ,AJ763A/82E <sup>8</sup>	DM-Multipath	OceanStor S2200T	See <sup>13,14</sup>
22	HP ProLiant Series	Red Hat Enterprise Linux 6 Update5 for x86_64	QLogic QLE2560,QLE2562  HP AK344A/81Q,AJ764A/82Q	UltraPath	OceanStor S2200T	
23	HP ProLiant Series	Red Hat Enterprise Linux 7 for x86_64	Emulex LPe12000,LPe12002  QLogic QLE2560,QLE2562  HP AK344A/81Q,AJ764A/82Q ,AJ762A/ 81E,AJ762A/82E	DM-Multipath	OceanStor S2200T	See <sup>6,14</sup>
24	HP c7000 BL460c G7	Red Hat Enterprise Linux 5 Update5 for x86_64	QLogic QMH2562  HP 456972-B21	UltraPath	OceanStor S2200T	

1. HBA firmware version/driver version is 2.3.0.0.
2. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
3. HBA driver version is 8.02.23.
4. HBA firmware version is 2.00a4.
5. HBA firmware version/driver version is 3.0.0.0.
6. It is prohibited to change topology and speed of the FC ports because of HBA limit.
7. It is suggested to remove the associated connection between host and disk storage system at first when the initiator can't be removed from the disk storage system because of the OS limit.
8. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
9. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection.The CLI command is:chgportparam -c controller id -if interface module id -p port id -d 500.
10. HBA firmware version/driver version is 3.0.3.0.
11. HBA firmware version/driver version is 3.1.0.0.
12. HBA driver version is 8.03.01.04.05.05.
13. The disk storage system must enable ALUA function.
14. For the detail configuration of DM-Multipath,please contact the technical service centre of Huawei Technologies Co., Ltd..
15. HBA firmware version is 2.01A11.

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Huawei RH Series	Red Hat Enterprise Linux AS 4 Update4 for x86_64	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe111  QLogic QLA2460 <sup>3</sup> ,QLA2462 <sup>3</sup> ,QLE2460 <sup>3</sup> ,QLE2462 <sup>3</sup>	UltraPath	OceanStor S2200T	
2	Huawei RH Series	Red Hat Enterprise Linux AS 4 Update5 for x86_64	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe111  QLogic QLA2460 <sup>3</sup> ,QLA2462 <sup>3</sup> ,QLE2460 <sup>3</sup> ,QLE2462 <sup>3</sup>	UltraPath	OceanStor S2200T	
3	Huawei RH Series	Red Hat Enterprise Linux AS 4 Update6 for x86_64	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe111  QLogic QLA2460 <sup>3</sup> ,QLA2462 <sup>3</sup> ,QLE2460 <sup>3</sup> ,QLE2462 <sup>3</sup>	UltraPath	OceanStor S2200T	
4	Huawei RH Series	Red Hat Enterprise Linux AS 4 Update7 for x86_64	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe111  QLogic QLA2460 <sup>3</sup> ,QLA2462 <sup>3</sup> ,QLE2460 <sup>3</sup> ,QLE2462 <sup>3</sup>	UltraPath	OceanStor S2200T	
5	Huawei RH Series	Red Hat Enterprise Linux AS 4 Update8 for x86_64	Brocade 415 <sup>2,1/5,9</sup> ,425 <sup>2,1/5,9</sup>  Emulex LP11000,LP11002 ,LP1150,LPe11000 ,LPe11002,LPe1150,LPe111	UltraPath	OceanStor S2200T	

			QLogic QLA2460 <sup>3</sup> ,QLA2462 <sup>3</sup> ,QLE2460 <sup>3</sup> ,QLE2462 <sup>3</sup> ,QLE2560 <sup>3</sup> ,QLE2562 <sup>3</sup>			
6	Huawei RH Series	Red Hat Enterprise Linux 5 for x86_64	Brocade 415 <sup>2,5,9</sup> ,425 <sup>2,5,9</sup> ,815 <sup>2,5,9</sup> ,825 <sup>2,5,9</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002  QLogic QLA2460,QLA2462,QLE2460,QLE2462	UltraPath	OceanStor S2200T	
7	Huawei RH Series	Red Hat Enterprise Linux 5 Update1 for x86_64	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup> ,815 <sup>1,2,9</sup> ,825 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000 <sup>8</sup> ,LPe12002 <sup>8</sup> ,LPe1250 <sup>8</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560 <sup>12</sup> ,QLE2562 <sup>12</sup>	UltraPath	OceanStor S2200T	
8	Huawei RH Series	Red Hat Enterprise Linux 5 Update2 for x86_64	Brocade 415 <sup>2,1/5,9</sup> ,425 <sup>2,1/5,9</sup> ,815 <sup>2,1/5,9</sup> ,825 <sup>2,1/5,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000 <sup>8</sup> ,LPe12002 <sup>8</sup> ,LPe1250 <sup>8</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	
9	Huawei RH Series	Red Hat Enterprise Linux 5 Update3 for x86_64	ATTO Celerity FC-41ES,FC-42ES  Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup> ,815 <sup>1,2,9</sup> ,825 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000 <sup>8</sup> ,LPe12002 <sup>8</sup> ,LPe1250 <sup>8</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462	UltraPath	OceanStor S2200T	

			462,QLE2560,QLE2562			
10	Huawei RH Series	Red Hat Enterprise Linux 5 Update4 for x86_64	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	
11	Huawei RH Series	Red Hat Enterprise Linux 5 Update5 for x86_64	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562,QLE220</p>	UltraPath	OceanStor S2200T	
12	Huawei RH Series	Red Hat Enterprise Linux 5 Update6 for x86_64	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111<sup>6</sup>,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	
13	Huawei RH Series	Red Hat Enterprise Linux 5 Update7 for x86_64	<p>Brocade 415<sup>2,5,9</sup>,425<sup>2,5,9</sup>,815<sup>2,5,9</sup>,825<sup>2,5,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	
14	Huawei RH Series	Red Hat Enterprise Linux 5 Update8 for x86_64	<p>Brocade 415<sup>2,9</sup>,425<sup>2,9</sup>,815<sup>2,9</sup>,825<sup>2,9</sup></p> <p>QLogic</p>	UltraPath	OceanStor S2200T	

			<p>QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p>			
15	Huawei RH Series	Red Hat Enterprise Linux 5 Update9 for x86_64	QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	
16	Huawei RH Series	Red Hat Enterprise Linux 5 Update10 for x86_64	QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	
17	Huawei RH Series	Red Hat Enterprise Linux 6 for x86_64	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111,LPe1200<sup>4,8</sup>,LPe12002<sup>4,8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	
18	Huawei RH Series	Red Hat Enterprise Linux 6 Update1 for x86_64	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111,LPe1200<sup>4,8</sup>,LPe12002<sup>4,8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	
19	Huawei RH Series	Red Hat Enterprise Linux 6 Update2 for x86_64	<p>Brocade 415<sup>2,9</sup>,425<sup>2,9</sup>,815<sup>2,9</sup>,825<sup>2,9</sup>,1860-1<sup>10</sup>,1860-2<sup>10</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	See <sup>7</sup>
			QLogic QLE2560,QLE2562	DM-Multipath	OceanStor S2200T	See <sup>7,13,14</sup>
20	Huawei RH	Red Hat Enterprise Linux 6	Brocade 1860-1 <sup>11</sup> ,1860-2 <sup>11</sup>	UltraPath	OceanStor S2200T	See <sup>7</sup>

	Series	Update3 for x86_64	Emulex LPe111,LPe12000 <sup>8</sup> ,LPe12002 <sup>8</sup>  QLogic QLE2560,QLE2562			
21	Huawei RH Series	Red Hat Enterprise Linux 6 Update4 for x86_64	QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	See <sup>7</sup>
			Emulex LPe12000 <sup>8,15</sup> ,LPe12002 <sup>8,15</sup> ,LPe16000 <sup>8</sup> ,LPe16002 <sup>8</sup> Emulex LPe12000 <sup>8</sup> ,LPe12002 <sup>8</sup>	DM-Multipath	OceanStor S2200T	See <sup>13,14</sup>
22	Huawei RH Series	Red Hat Enterprise Linux 6 Update5 for x86_64	QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	
23	Huawei RH Series	Red Hat Enterprise Linux 7 for x86_64	Emulex LPe12000,LPe12002  QLogic QLE2560,QLE2562	DM-Multipath	OceanStor S2200T	See <sup>6,14</sup>
24	Huawei E6000 BH620	Red Hat Enterprise Linux 5 Update5 for x86_64	Huawei QFMA	UltraPath	OceanStor S2200T	
25	Huawei E6000 BH620	Red Hat Enterprise Linux 6 Update1 for x86_64	Huawei QFMA	UltraPath	OceanStor S2200T	
26	Huawei E6000 BH622V2	Red Hat Enterprise Linux 6 Update1 for x86_64	Huawei MU220	UltraPath	OceanStor S2200T	
27	Huawei E9000 CH121	Red Hat Enterprise Linux 6 Update3 for x86_64	Huawei MZ510	UltraPath	OceanStor S2200T	
28	Huawei E9000 CH121	Red Hat Enterprise Linux 6 Update5 for x86_64	Huawei MZ510	UltraPath	OceanStor S2200T	
29	Huawei T8000 BH23	Red Hat Enterprise Linux 5 Update3 for x86_64	Huawei QFMA,QFMB	UltraPath	OceanStor S2200T	
30	Huawei E6000 BH622V2	Red Hat Enterprise Linux 7 for x86_64	Huawei MU220	DM-Multipath	OceanStor S2200T	See <sup>6,14</sup>

1. HBA firmware version/driver version is 2.3.0.0.
2. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
3. HBA driver version is 8.02.23.
4. HBA firmware version is 2.00a4.
5. HBA firmware version/driver version is 3.0.0.0.
6. It is prohibited to change topology and speed of the FC ports because of HBA limit.
7. It is suggested to remove the associated connection between host and disk storage system at first when the initiator can't be removed from the disk storage system because of the OS limit.
8. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
9. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection.The CLI command is:chgpportparam -c controller id -if interface module id -p port id -d 500.
10. HBA firmware version/driver version is 3.0.3.0.

11. HBA firmware version/driver version is 3.1.0.0.
12. HBA driver version is 8.03.01.04.05.05.
13. The disk storage system must enable ALUA function.
14. For the detail configuration of DM-Multipath, please contact the technical service centre of Huawei Technologies Co., Ltd..
15. HBA firmware version is 2.01A11.

## IBM

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	IBM xSeries	Red Hat Enterprise Linux AS 4 Update4 for x86_64	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe111  QLogic QLA2460 <sup>3</sup> ,QLA2462 <sup>3</sup> ,QLE2460 <sup>3</sup> ,QLE2462 <sup>3</sup>  IBM 39M5894 <sup>3</sup> ,39M5895 <sup>3</sup> ,39R6525 <sup>3</sup> ,39R6527 <sup>3</sup> ,42C2069,42C2071,42D0405,42D0407,59Y1987 <sup>1,2,9</sup> ,59Y1993 <sup>1,2,9</sup>	UltraPath	OceanStor S2200T	
2	IBM xSeries	Red Hat Enterprise Linux AS 4 Update5 for x86_64	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe111  QLogic QLA2460 <sup>3</sup> ,QLA2462 <sup>3</sup> ,QLE2460 <sup>3</sup> ,QLE2462 <sup>3</sup>  IBM 39M5894 <sup>3</sup> ,39M5895 <sup>3</sup> ,39R6525 <sup>3</sup> ,39R6527 <sup>3</sup> ,42C2069,42C2071,42D0405,42D0407,59Y1987 <sup>1,2,9</sup> ,59Y1993 <sup>1,2,9</sup>	UltraPath	OceanStor S2200T	
3	IBM xSeries	Red Hat Enterprise Linux AS 4 Update6 for x86_64	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe111  QLogic	UltraPath	OceanStor S2200T	

			<p>QLA2460<sup>3</sup>,QLA2462<sup>3</sup>,QLE2460<sup>3</sup>,QLE2462<sup>3</sup></p> <p>IBM</p> <p>39M5894<sup>3</sup>,39M5895<sup>3</sup>,39R6525<sup>3</sup>,39R6527<sup>3</sup>,42C2069,42C2071,42D0405,42D0407,59Y1987<sup>1,2,9</sup>,59Y1993<sup>1,2,9</sup></p>			
4	IBM xSeries	Red Hat Enterprise Linux AS 4 Update7 for x86_64	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup></p> <p>Emulex</p> <p>LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111</p> <p>QLogic</p> <p>QLA2460<sup>3</sup>,QLA2462<sup>3</sup>,QLE2460<sup>3</sup>,QLE2462<sup>3</sup></p> <p>IBM</p> <p>39M5894<sup>3</sup>,39M5895<sup>3</sup>,39R6525<sup>3</sup>,39R6527<sup>3</sup>,42C2069,42C2071,42D0405,42D0407,59Y1987<sup>1,2,9</sup>,59Y1993<sup>1,2,9</sup></p>	UltraPath	OceanStor S2200T	
5	IBM xSeries	Red Hat Enterprise Linux AS 4 Update8 for x86_64	<p>Brocade 415<sup>2,1/5,9</sup>,425<sup>2,1/5,9</sup></p> <p>Emulex</p> <p>LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111</p> <p>QLogic</p> <p>QLA2460<sup>3</sup>,QLA2462<sup>3</sup>,QLE2460<sup>3</sup>,QLE2462<sup>3</sup>,QLE2560<sup>3</sup>,QLE2562<sup>3</sup></p> <p>IBM</p> <p>39M5894<sup>3</sup>,39M5895<sup>3</sup>,39R6525<sup>3</sup>,39R6527<sup>3</sup>,42C2069,42C2071,42D0405,42D0407,42D0501<sup>3</sup>,42D0510<sup>3</sup>,59Y1987<sup>2,1/5,9</sup>,59Y1993<sup>2,1/5,9</sup></p>	UltraPath	OceanStor S2200T	
6	IBM xSeries	Red Hat Enterprise Linux 5 for x86_64	<p>Brocade 415<sup>2,5,9</sup>,425<sup>2,5,9</sup>,815<sup>2,5,9</sup>,825<sup>2,5,9</sup></p> <p>Emulex</p> <p>LP11000,LP11002,LPe11000,LPe11002</p> <p>QLogic</p> <p>QLA2460,QLA2462,QLE2460,QLE2</p>	UltraPath	OceanStor S2200T	



			<p>462</p> <p>IBM</p> <p>39M5894,39M5895,39R6525,39R652</p> <p>7,42C2069,42C2071,42D0405,42D04</p> <p>07,59Y1987<sup>2,5,9</sup>,59Y1993<sup>2,5,9</sup>,46M604</p> <p>9<sup>2,5,9</sup>,46M6050<sup>2,5,9</sup></p>			
7	IBM xSeries	Red Hat Enterprise Linux 5 Update1 for x86_64	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex</p> <p>LP11000,LP11002,LP1150,LPe11000,</p> <p>LPe11002,LPe1150,LPe1111,LPe1200</p> <p>0<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic</p> <p>QLA2460,QLA2462,QLE2460,QLE2</p> <p>462,QLE2560<sup>12</sup>,QLE2562<sup>12</sup></p> <p>IBM</p> <p>39M5894,39M5895,39R6525,39R652</p> <p>7,42C2069,42C2071,42D0405,42D04</p> <p>07,42D050<sup>12</sup>,42D0510<sup>12</sup>,42D0485<sup>8</sup>,4</p> <p>2D0494<sup>8</sup>,59Y1987<sup>1,2</sup>,59Y1993<sup>1,2</sup>,46M</p> <p>6049<sup>1,2,9</sup>,46M6050<sup>1,2,9</sup></p>	UltraPath	OceanStor S2200T	
8	IBM xSeries	Red Hat Enterprise Linux 5 Update2 for x86_64	<p>Brocade</p> <p>415<sup>2,1/5,9</sup>,425<sup>2,1/5,9</sup>,815<sup>2,1/5,9</sup>,825<sup>2,1/5,9</sup></p> <p>Emulex</p> <p>LP11000,LP11002,LP1150,LPe11000,</p> <p>LPe11002,LPe1150,LPe1111,LPe1200</p> <p>0<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic</p> <p>QLA2460,QLA2462,QLE2460,QLE2</p> <p>462,QLE2560,QLE2562</p> <p>IBM</p> <p>39M5894,39M5895,39R6525,39R652</p> <p>7,42C2069,42C2071,42D0405,42D04</p> <p>07,42D0501,42D0510,42D0485<sup>8</sup>,42D</p> <p>0494<sup>8</sup>,59Y1987<sup>2,1/5,9</sup>,59Y1993<sup>2,1/5,9</sup>,46</p> <p>M6049<sup>2,1/5,9</sup>,46M6050<sup>2,1/5,9</sup></p>	UltraPath	OceanStor S2200T	
9	IBM xSeries	Red Hat Enterprise Linux 5 Update3 for x86_64	<p>ATTO Celerity FC-41ES,FC-42ES</p>	UltraPath	OceanStor S2200T	

			<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>IBM 39M5894,39M5895,39R6525,39R6527,42C2069,42C2071,42D0405,42D0407,42D0501,42D0510,42D0485<sup>8</sup>,42D0494<sup>8</sup>,59Y1987<sup>1,2,9</sup>,59Y1993<sup>1,2,9</sup>,46M6049<sup>1,2,9</sup>,46M6050<sup>1,2,9</sup></p>			
10	IBM xSeries	Red Hat Enterprise Linux 5 Update4 for x86_64	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>IBM 39M5894,39M5895,39R6525,39R6527,42C2069,42C2071,42D0405,42D0407,42D0501,42D0510,42D0485<sup>8</sup>,42D0494<sup>8</sup>,59Y1987<sup>1,2,9</sup>,59Y1993<sup>1,2,9</sup>,46M6049<sup>1,2,9</sup>,46M6050<sup>1,2,9</sup></p>	UltraPath	OceanStor S2200T	
11	IBM xSeries	Red Hat Enterprise Linux 5 Update5 for x86_64	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562,QLE220</p>	UltraPath	OceanStor S2200T	

			<p>IBM</p> <p>39M5894,39M5895,39R6525,39R6527,42C2069,42C2071,42D0405,42D0407,42D0501,42D0510,42D0485<sup>8</sup>,42D0494<sup>8</sup>,59Y1987<sup>1,2,9</sup>,59Y1993<sup>1,2,9</sup>,46M6049<sup>1,2,9</sup>,46M6050<sup>1,2,9</sup></p>			
12	IBM xSeries	Red Hat Enterprise Linux 5 Update6 for x86_64	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex</p> <p>LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111<sup>6</sup>,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic</p> <p>QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>IBM</p> <p>39M5894,39M5895,39R6525,39R6527,42C2069,42C2071,42D0405,42D0407,42D0501,42D0510,42D0485<sup>8</sup>,42D0494<sup>8</sup>,59Y1987<sup>1,2,9</sup>,59Y1993<sup>1,2,9</sup>,46M6049<sup>1,2,9</sup>,46M6050<sup>1,2,9</sup></p>	UltraPath	OceanStor S2200T	
13	IBM xSeries	Red Hat Enterprise Linux 5 Update7 for x86_64	<p>Brocade 415<sup>2,5,9</sup>,425<sup>2,5,9</sup>,815<sup>2,5,9</sup>,825<sup>2,5,9</sup></p> <p>Emulex</p> <p>LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic</p> <p>QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>IBM</p> <p>39M5894,39M5895,39R6525,39R6527,42C2069,42C2071,42D0405,42D0407,42D0501,42D0510,42D0485<sup>8</sup>,42D0494<sup>8</sup>,59Y1987<sup>2,5,9</sup>,59Y1993<sup>2,5,9</sup>,46M6049<sup>2,5,9</sup>,46M6050<sup>2,5,9</sup></p>	UltraPath	OceanStor S2200T	
14	IBM xSeries	Red Hat Enterprise Linux 5 Update8 for x86_64	<p>Brocade 415<sup>2,9</sup>,425<sup>2,9</sup>,815<sup>2,9</sup>,825<sup>2,9</sup></p> <p>QLogic</p>	UltraPath	OceanStor S2200T	

			<p>QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>IBM 59Y1987<sup>2,9</sup>,59Y1993<sup>2,9</sup>,46M6049<sup>2,9</sup>,46M6050<sup>2,9</sup>,42D0405,42D0407,42C2069,42C2071,39M5894,39M5895,39R6525,39R6527,42D0501,42D0510,42D0485<sup>8</sup>,42D0494<sup>8</sup></p>			
15	IBM xSeries	Red Hat Enterprise Linux 5 Update9 for x86_64	<p>QLogic QLE2560,QLE2562</p> <p>IBM 42D0501,42D0510</p>	UltraPath	OceanStor S2200T	
16	IBM xSeries	Red Hat Enterprise Linux 5 Update10 for x86_64	<p>QLogic QLE2560,QLE2562</p> <p>IBM 42D0501,42D0510</p>	UltraPath	OceanStor S2200T	
17	IBM xSeries	Red Hat Enterprise Linux 6 for x86_64	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>4,8</sup>,LPe12002<sup>4,8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>IBM 39M5894,39M5895,39R6525,39R6527,42C2069,42C2071,42D0405,42D0407,42D0501,42D0510,42D0485<sup>4,8</sup>,42D0494<sup>4,8</sup>,59Y1987<sup>1,2,9</sup>,59Y1993<sup>1,2,9</sup>,46M6049<sup>1,2,9</sup>,46M6050<sup>1,2,9</sup></p>	UltraPath	OceanStor S2200T	
18	IBM xSeries	Red Hat Enterprise Linux 6 Update1 for x86_64	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>4,8</sup>,LPe12002<sup>4,8</sup>,LPe1250<sup>8</sup></p> <p>QLogic</p>	UltraPath	OceanStor S2200T	

			<p>QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>IBM 39M5894,39M5895,39R6525,39R6527,42C2069,42C2071,42D0405,42D0407,42D0501,42D0510,42D0485<sup>4,8</sup>,42D0494<sup>4,8</sup>,59Y1987<sup>1,2,9</sup>,59Y1993<sup>1,2,9</sup>,46M6049<sup>1,2,9</sup>,46M6050<sup>1,2,9</sup></p>			
19	IBM xSeries	Red Hat Enterprise Linux 6 Update2 for x86_64	<p>Brocade 415<sup>2,9</sup>,425<sup>2,9</sup>,815<sup>2,9</sup>,825<sup>2,9</sup>,1860-1<sup>10</sup>,1860-2<sup>10</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>IBM 39M5894,39M5895,39R6525,39R6527,42D0501,42D0510,42D0405,42D0407,42C2069,42C2071,42D0485<sup>8</sup>,42D0494<sup>8</sup>,59Y1987<sup>2,9</sup>,59Y1993<sup>2,9</sup>,46M6049<sup>2,9</sup>,46M6050<sup>2,9</sup>,81Y1668<sup>10</sup>,81Y1675<sup>10</sup></p>	UltraPath	OceanStor S2200T	See <sup>7</sup>
			<p>QLogic QLE2560,QLE2562</p> <p>IBM 42D0501,42D0510</p>	DM-Multipath	OceanStor S2200T	See <sup>7,13,14</sup>
20	IBM xSeries	Red Hat Enterprise Linux 6 Update3 for x86_64	<p>Brocade 1860-1<sup>11</sup>,1860-2<sup>11</sup></p> <p>Emulex LPe111,LPe12000<sup>8</sup>,LPe12002<sup>8</sup></p> <p>QLogic QLE2560,QLE2562</p> <p>IBM 42D0501,42D0510,81Y1668<sup>11</sup>,81Y1675<sup>11</sup>,42D0485<sup>8</sup>,42D0494<sup>8</sup></p>	UltraPath	OceanStor S2200T	See <sup>7</sup>
21	IBM xSeries	Red Hat Enterprise Linux 6 Update4 for x86_64	<p>QLogic QLE2560,QLE2562</p> <p>Emulex LPe12000<sup>8,15</sup>,LPe12002<sup>8,15</sup>,LPe16000<sup>8</sup></p>	UltraPath	OceanStor S2200T	See <sup>7</sup>

			,LPe16002 <sup>8</sup>  IBM 42D0501,42D0510,42D0485 <sup>8,15</sup> ,42D0494 <sup>8,15</sup> ,81Y1655 <sup>8</sup> ,81Y1662 <sup>8</sup>			
			Emulex LPe12000 <sup>8</sup> ,LPe12002 <sup>8</sup>  IBM 42D0485 <sup>8</sup> ,42D0494 <sup>8</sup>	DM-Multipath	OceanStor S2200T	See <sup>13,14</sup>
22	IBM xSeries	Red Hat Enterprise Linux 6 Update5 for x86_64	QLogic QLE2560,QLE2562  IBM 42D0501,42D0510	UltraPath	OceanStor S2200T	
23	IBM xSeries	Red Hat Enterprise Linux 7 for x86_64	Emulex LPe12000,LPe12002  QLogic QLE2560,QLE2562  IBM 42D0501,42D0510,42D0485,42D0494	DM-Multipath	OceanStor S2200T	See <sup>6,14</sup>
2	IBM HS22	Red Hat Enterprise Linux 5 Update5 for x86_64	Emulex LPe1205	UltraPath	OceanStor S2200T	
25	IBM HS22	Red Hat Enterprise Linux 6 Update3 for x86_64	QLogic QMI2572	UltraPath	OceanStor S2200T	See <sup>7</sup>

- HBA firmware version/driver version is 2.3.0.0.
- It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
- HBA driver version is 8.02.23.
- HBA firmware version is 2.00a4.
- HBA firmware version/driver version is 3.0.0.0.
- It is prohibited to change topology and speed of the FC ports because of HBA limit.
- It is suggested to remove the associated connection between host and disk storage system at first when the initiator can't be removed from the disk storage system because of the OS limit.
- It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
- The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection.The CLI command is:chgportparam -c controller id -if interface module id -p port id -d 500.
- HBA firmware version/driver version is 3.0.3.0.
- HBA firmware version/driver version is 3.1.0.0.
- HBA driver version is 8.03.01.04.05.05.
- The disk storage system must enable ALUA function.
- For the detail configuration of DM-Multipath,please contact the technical service centre of Huawei Technologies Co., Ltd..
- HBA firmware version is 2.01A11.

### Oracle Sun

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Oracle Sun	Red Hat Enterprise Linux AS 4	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup>	UltraPath	OceanStor S2200T	

	x86 Systems	Update4 for x86_64	Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe1111  QLogic QLA2460 <sup>3</sup> ,QLA2462 <sup>3</sup> ,QLE2460 <sup>3</sup> ,QLE2462 <sup>3</sup>			
2	Oracle Sun x86 Systems	Red Hat Enterprise Linux AS 4 Update5 for x86_64	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe1111  QLogic QLA2460 <sup>3</sup> ,QLA2462 <sup>3</sup> ,QLE2460 <sup>3</sup> ,QLE2462 <sup>3</sup>	UltraPath	OceanStor S2200T	
3	Oracle Sun x86 Systems	Red Hat Enterprise Linux AS 4 Update6 for x86_64	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe1111  QLogic QLA2460 <sup>3</sup> ,QLA2462 <sup>3</sup> ,QLE2460 <sup>3</sup> ,QLE2462 <sup>3</sup>	UltraPath	OceanStor S2200T	
4	Oracle Sun x86 Systems	Red Hat Enterprise Linux AS 4 Update7 for x86_64	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe1111  QLogic QLA2460 <sup>3</sup> ,QLA2462 <sup>3</sup> ,QLE2460 <sup>3</sup> ,QLE2462 <sup>3</sup>	UltraPath	OceanStor S2200T	
5	Oracle Sun x86 Systems	Red Hat Enterprise Linux AS 4 Update8 for x86_64	Brocade 415 <sup>2,1/5,9</sup> ,425 <sup>2,1/5,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe1111  QLogic QLA2460 <sup>3</sup> ,QLA2462 <sup>3</sup> ,QLE2460 <sup>3</sup> ,QLE2462 <sup>3</sup> ,QLE2560 <sup>3</sup> ,QLE2562 <sup>3</sup>	UltraPath	OceanStor S2200T	

6	Oracle Sun x86 Systems	Red Hat Enterprise Linux 5 for x86_64	<p>Brocade 415<sup>2,5,9</sup>,425<sup>2,5,9</sup>,815<sup>2,5,9</sup>,825<sup>2,5,9</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p>	UltraPath	OceanStor S2200T	
7	Oracle Sun x86 Systems	Red Hat Enterprise Linux 5 Update1 for x86_64	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560<sup>12</sup>,QLE2562<sup>12</sup></p>	UltraPath	OceanStor S2200T	
8	Oracle Sun x86 Systems	Red Hat Enterprise Linux 5 Update2 for x86_64	<p>Brocade 415<sup>2,1/5,9</sup>,425<sup>2,1/5,9</sup>,815<sup>2,1/5,9</sup>,825<sup>2,1/5,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	
9	Oracle Sun x86 Systems	Red Hat Enterprise Linux 5 Update3 for x86_64	<p>ATTO Celerity FC-41ES,FC-42ES</p> <p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	
10	Oracle Sun x86 Systems	Red Hat Enterprise Linux 5 Update4 for x86_64	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p>	UltraPath	OceanStor S2200T	



			<p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p>			
11	Oracle Sun x86 Systems	Red Hat Enterprise Linux 5 Update5 for x86_64	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562,QLE220</p>	UltraPath	OceanStor S2200T	
12	Oracle Sun x86 Systems	Red Hat Enterprise Linux 5 Update6 for x86_64	<p>Brocade 415<sup>1,2,9</sup>,425<sup>1,2,9</sup>,815<sup>1,2,9</sup>,825<sup>1,2,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111<sup>6</sup>,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	
13	Oracle Sun x86 Systems	Red Hat Enterprise Linux 5 Update7 for x86_64	<p>Brocade 415<sup>2,5,9</sup>,425<sup>2,5,9</sup>,815<sup>2,5,9</sup>,825<sup>2,5,9</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>8</sup>,LPe12002<sup>8</sup>,LPe1250<sup>8</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	
14	Oracle Sun x86 Systems	Red Hat Enterprise Linux 5 Update8 for x86_64	<p>Brocade 415<sup>2,9</sup>,425<sup>2,9</sup>,815<sup>2,9</sup>,825<sup>2,9</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	

			Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000 <sup>8</sup> ,LPe12002 <sup>8</sup> ,LPe1250 <sup>8</sup>			
15	Oracle Sun x86 Systems	Red Hat Enterprise Linux 5 Update9 for x86_64	QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	
16	Oracle Sun x86 Systems	Red Hat Enterprise Linux 5 Update10 for x86_64	QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	
17	Oracle Sun x86 Systems	Red Hat Enterprise Linux 6 for x86_64	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup> ,815 <sup>1,2,9</sup> ,825 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe1111,LPe1200 0 <sup>4,8</sup> ,LPe12002 <sup>4,8</sup> ,LPe1250 <sup>8</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2 462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	
18	Oracle Sun x86 Systems	Red Hat Enterprise Linux 6 Update1 for x86_64	Brocade 415 <sup>1,2,9</sup> ,425 <sup>1,2,9</sup> ,815 <sup>1,2,9</sup> ,825 <sup>1,2,9</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe1111,LPe1200 0 <sup>4,8</sup> ,LPe12002 <sup>4,8</sup> ,LPe1250 <sup>8</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2 462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	
19	Oracle Sun x86 Systems	Red Hat Enterprise Linux 6 Update2 for x86_64	Brocade 415 <sup>2,9</sup> ,425 <sup>2,9</sup> ,815 <sup>2,9</sup> ,825 <sup>2,9</sup> ,1860-1 <sup>10</sup> ,186 0-2 <sup>10</sup>  Emulex LP11000,LP11002,LPe11000,LPe110 02,LPe12000 <sup>8</sup> ,LPe12002 <sup>8</sup> ,LPe1250 <sup>8</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2 462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	See <sup>7</sup>
			QLogic QLE2560,QLE2562	DM-Multipath	OceanStor S2200T	See <sup>7,13,14</sup>
20	Oracle Sun x86 Systems	Red Hat Enterprise Linux 6 Update3 for x86_64	Brocade 1860-1 <sup>11</sup> ,1860-2 <sup>11</sup>  Emulex LPe1111,LPe12000 <sup>8</sup> ,LPe12002 <sup>8</sup>	UltraPath	OceanStor S2200T	See <sup>7</sup>

			QLogic QLE2560,QLE2562			
21	Oracle Sun x86 Systems	Red Hat Enterprise Linux 6 Update4 for x86_64	QLogic QLE2560,QLE2562  Emulex LPe12000 <sup>8,15</sup> ,LPe12002 <sup>8,15</sup> ,LPe16000 <sup>8</sup> ,LPe16002 <sup>8</sup>	UltraPath	OceanStor S2200T	See <sup>7</sup>
			Emulex LPe12000 <sup>8</sup> ,LPe12002 <sup>8</sup>	DM-Multipath	OceanStor S2200T	See <sup>13,14</sup>
22	Oracle Sun x86 Systems	Red Hat Enterprise Linux 6 Update5 for x86_64	QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	
23	Oracle Sun x86 Systems	Red Hat Enterprise Linux 7 for x86_64	Emulex LPe12000,LPe12002  QLogic QLE2560,QLE2562	DM-Multipath	OceanStor S2200T	<sup>6,14</sup>

- HBA firmware version/driver version is 2.3.0.0.
- It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
- HBA driver version is 8.02.23.
- HBA firmware version is 2.00a4.
- HBA firmware version/driver version is 3.0.0.0.
- It is prohibited to change topology and speed of the FC ports because of HBA limit.
- It is suggested to remove the associated connection between host and disk storage system at first when the initiator can't be removed from the disk storage system because of the OS limit.
- It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
- The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection.The CLI command is:chgpportparam -c controller id -if interface module id -p port id -d 500.
- HBA firmware version/driver version is 3.0.3.0.
- HBA firmware version/driver version is 3.1.0.0.
- HBA driver version is 8.03.01.04.05.05.
- The disk storage system must enable ALUA function.
- For the detail configuration of DM-Multipath,please contact the technical service centre of Huawei Technologies Co., Ltd..
- HBA firmware version is 2.01A11.

## Sugon

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Sugon I420-r	Red Hat Enterprise Linux 5 Update2 for x86_64	QLogic QLE2560,QLE2562	DM-Multipath	OceanStor S2200T	See <sup>1,2</sup>
2	Sugon I420-r	Red Hat Enterprise Linux 5 Update7 for x86_64	Emulex LPe11000,LPe11002	UltraPath	OceanStor S2200T	
3	Sugon I420-r	Red Hat Enterprise Linux 6 Update1 for x86_64	Emulex LPe11000,LPe11002	UltraPath	OceanStor S2200T	

- The disk storage system must enable ALUA function.
- For the detail configuration of DM-Multipath,please contact the technical service centre of Huawei Technologies Co., Ltd..

## Red Hat Itanium

### HP

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	HP Integrity RX Series	Red Hat Enterprise Linux 5 Update4 for Itanium	LSI 7204EP	DM-Multipath	OceanStor S2200T	See <sup>1,2</sup>

1. The disk storage system must enable ALUA function.
2. For the detail configuration of DM-Multipath, please contact the technical service centre of Huawei Technologies Co., Ltd..

## Red Flag x86

### Dell

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Dell PowerEdge Series	Red Flag DC Server 5.0 SP2 for x86	Brocade 415 <sup>1,2,5</sup> , 425 <sup>1,2,5</sup>  Emulex LP11000, LP11002, LPe11000, LPe11002, LPe111  QLogic QLA2460 <sup>6</sup> , QLA2462 <sup>6</sup> , QLE2460 <sup>6</sup> , QLE2462 <sup>6</sup>  Dell PF323 <sup>6</sup> , FH590 <sup>6</sup> , DH226 <sup>6</sup> , FF340 <sup>6</sup> , LPe11002-E	UltraPath	OceanStor S2200T	See <sup>3</sup>
2	Dell PowerEdge Series	Red Flag Asianux Server 3 SP1 for x86	Brocade 415 <sup>1,2,5</sup> , 425 <sup>1,2,5</sup>  Emulex LP11000, LP11002, LPe11000, LPe11002, LPe111  QLogic QLA2460, QLA2462, QLE2460, QLE2462  Dell PF323, FH590, DH226, FF340, LPe11002-E	UltraPath	OceanStor S2200T	See <sup>3</sup>
3	Dell PowerEdge Series	Red Flag Asianux Server 3 SP2 for x86	Brocade 415 <sup>1,2,5</sup> , 425 <sup>1,2,5</sup> , 815 <sup>1,2,5</sup> , 825 <sup>1,2,5</sup>  Emulex LP11000, LP11002, LP1150, LPe11000, LPe11002, LPe1150, LPe1111, LPe1200	UltraPath	OceanStor S2200T	See <sup>3</sup>

			<p>0<sup>4</sup>,LPe12002<sup>4</sup>,LPe1250<sup>4</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>Dell PF323,FH590,DH226,FF340,F641C,H144C,LP1150-E,LPe1150-E,LPe11002-E,LPe12000-E<sup>4</sup>,LPe12002-E<sup>4</sup>,BR815<sup>1,2,5</sup>,BR825<sup>1,2,5</sup></p>			
4	Dell PowerEdge Series	Red Flag Asianux Server 3 SP3 for x86	<p>Brocade 415<sup>1,2,5</sup>,425<sup>1,2,5</sup>,815<sup>1,2,5</sup>,825<sup>1,2,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>4</sup>,LPe12002<sup>4</sup>,LPe1250<sup>4</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>Dell PF323,FH590,DH226,FF340,F641C,H144C,LP1150-E,LPe1150-E,LPe11002-E,LPe12000-E<sup>4</sup>,LPe12002-E<sup>4</sup>,BR815<sup>1,2,5</sup>,BR825<sup>1,2,5</sup></p>	UltraPath	OceanStor S2200T	
5	Dell PowerEdge Series	Red Flag Asianux Server 3 SP4 for x86	<p>Emulex LPe12000<sup>4</sup>,LPe12002<sup>4</sup></p> <p>QLogic QLE2560,QLE2562</p> <p>Dell F641C,H144C,LPe12000-E<sup>4</sup>,LPe12002-E<sup>4</sup></p>	UltraPath	OceanStor S2200T	
6	Dell PowerEdge Series	Red Flag Asianux Server 4 for x86	<p>Emulex LPe12000<sup>4</sup>,LPe12002<sup>4</sup></p> <p>Dell LPe12000-E<sup>4</sup>,LPe12002-E<sup>4</sup></p>	UltraPath	OceanStor S2200T	
7	Dell PowerEdge Series	Red Flag Asianux Server 4 SP1 for x86	<p>Emulex LPe12000<sup>4</sup>,LPe12002<sup>4</sup></p> <p>QLogic QLE2560,QLE2562</p> <p>Dell F641C,H144C,LPe12000-E<sup>4</sup>,LPe12002-E<sup>4</sup></p>	UltraPath	OceanStor S2200T	

8	Dell PowerEdge Series	Red Flag Asianux Server 4 SP2 for x86	Emulex LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup>  QLogic QLE2560,QLE2562  Dell F641C,H144C,LPe12000-E <sup>4</sup> ,LPe12002-E <sup>4</sup>	UltraPath	OceanStor S2200T	
---	-----------------------	---------------------------------------	---	-----------	------------------	--

1. HBA firmware version/driver version is 2.3.0.0.
2. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
3. Removing the connection between host and storage will cause the host to restart when used the type of reiserfs file system.
4. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
5. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection.The CLI command is:chgpportparam -c controller id -if interface module id -p port id -d 500.
6. HBA driver version is 8.02.23.

## HP

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	HP ProLiant Series	Red Flag DC Server 5.0 SP2 for x86	Brocade 415 <sup>1,2,5</sup> ,425 <sup>1,2,5</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe111  QLogic QLA2460 <sup>6</sup> ,QLA2462 <sup>6</sup> ,QLE2460 <sup>6</sup> ,QLE2462 <sup>6</sup>  HP AB429A/FC1143 <sup>6</sup> ,AE369A/FC1243 <sup>6</sup> ,AE311A/FC1142SR <sup>6</sup> ,AE312A/FC1242SR <sup>6</sup> ,AD168A/FC2243,A8003A/FC2242SR,AP767A <sup>1,2,5</sup> ,AP768A <sup>1,2,5</sup>	UltraPath	OceanStor S2200T	See <sup>3</sup>
2	HP ProLiant Series	Red Flag Asianux Server 3 SP1 for x86	Brocade 415 <sup>1,2,5</sup> ,425 <sup>1,2,5</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe111  QLogic QLA2460,QLA2462,QLE2460,QLE2462  HP	UltraPath	OceanStor S2200T	See <sup>3</sup>

			AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,AD168A/FC2243,A8003A/FC2242SR,AP767A <sup>1,2,5</sup> ,AP768A <sup>1,2,5</sup>			
3	HP ProLiant Series	Red Flag Asianux Server 3 SP2 for x86	<p>Brocade 415<sup>1,2,5</sup>,425<sup>1,2,5</sup>,815<sup>1,2,5</sup>,825<sup>1,2,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>4</sup>,LPe12002<sup>4</sup>,LPe1250<sup>4</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>HP AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,AK344A/81Q,AJ764A/82Q,AD168A/FC2243,A8003A/FC2242SR,AJ762A/81E<sup>4</sup>,AJ763A/82E<sup>4</sup>,AP767A<sup>1,2,5</sup>,AP768A<sup>1,2,5</sup>,AP769A<sup>1,2,5</sup>,AP770A<sup>1,2,5</sup>,AP8002A/FC2142SR</p>	UltraPath	OceanStor S2200T	See <sup>3</sup>
4	HP ProLiant Series	Red Flag Asianux Server 3 SP3 for x86	<p>Brocade 415<sup>1,2,5</sup>,425<sup>1,2,5</sup>,815<sup>1,2,5</sup>,825<sup>1,2,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>4</sup>,LPe12002<sup>4</sup>,LPe1250<sup>4</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>HP AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,AK344A/81Q,AJ764A/82Q,AD168A/FC2243,A8003A/FC2242SR,AJ762A/81E<sup>4</sup>,AJ763A/82E<sup>4</sup>,AP767A<sup>1,2,5</sup>,AP768A<sup>1,2,5</sup>,AP769A<sup>1,2,5</sup>,AP770A<sup>1,2,5</sup>,AP8002A/FC2142SR</p>	UltraPath	OceanStor S2200T	
5	HP ProLiant Series	Red Flag Asianux Server 3 SP4 for x86	Emulex LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup>	UltraPath	OceanStor S2200T	

			QLogic QLE2560,QLE2562  HP AK344A/81Q,AJ764A/82Q,AJ762A/ 81E <sup>4</sup> ,AJ763A/82E <sup>4</sup>			
6	HP ProLiant Series	Red Flag Asianux Server 4 for x86	Emulex LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup>  HP AJ762A/81E <sup>4</sup> ,AJ763A/82E <sup>4</sup>	UltraPath	OceanStor S2200T	
7	HP ProLiant Series	Red Flag Asianux Server 4 SP1 for x86	Emulex LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup>  QLogic QLE2560,QLE2562  HP AK344A/81Q,AJ764A/82Q,AJ762A/ 81E <sup>4</sup> ,AJ763A/82E <sup>4</sup>	UltraPath	OceanStor S2200T	
8	HP ProLiant Series	Red Flag Asianux Server 4 SP2 for x86	Emulex LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup>  QLogic QLE2560,QLE2562  HP AK344A/81Q,AJ764A/82Q,AJ762A/ 81E <sup>4</sup> ,AJ763A/82E <sup>4</sup>	UltraPath	OceanStor S2200T	

1. HBA firmware version/driver version is 2.3.0.0.
2. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
3. Removing the connection between host and storage will cause the host to restart when used the type of reiserfs file system.
4. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
5. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection.The CLI command is:chgpportparam -c controller id -if interface module id -p port id -d 500.
6. HBA driver version is 8.02.23.

## Huawei

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Huawei RH Series	Red Flag DC Server 5.0 SP2 for x86	Brocade 415 <sup>1,2,5</sup> ,425 <sup>1,2,5</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe111  QLogic QLA2460 <sup>6</sup> ,QLA2462 <sup>6</sup> ,QLE2460 <sup>6</sup> ,QLE2462 <sup>6</sup>	UltraPath	OceanStor S2200T	See <sup>3</sup>
2	Huawei RH Series	Red Flag Asianux Server 3 SP1 for x86	Brocade 415 <sup>1,2,5</sup> ,425 <sup>1,2,5</sup>	UltraPath	OceanStor S2200T	See <sup>3</sup>



			Emulex LP11000,LP11002,LPe11000,LPe11002,LPe111  QLogic QLA2460,QLA2462,QLE2460,QLE2462			
3	Huawei RH Series	Red Flag Asianux Server 3 SP2 for x86	Brocade 415 <sup>1,2,5</sup> ,425 <sup>1,2,5</sup> ,815 <sup>1,2,5</sup> ,825 <sup>1,2,5</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111,LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup> ,LPe1250 <sup>4</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	See <sup>3</sup>
4	Huawei RH Series	Red Flag Asianux Server 3 SP3 for x86	Brocade 415 <sup>1,2,5</sup> ,425 <sup>1,2,5</sup> ,815 <sup>1,2,5</sup> ,825 <sup>1,2,5</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111,LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup> ,LPe1250 <sup>4</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	
5	Huawei RH Series	Red Flag Asianux Server 3 SP4 for x86	Emulex LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup>  QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	
6	Huawei RH Series	Red Flag Asianux Server 4 for x86	Emulex LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup>  QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	
7	Huawei RH Series	Red Flag Asianux Server 4 SP1 for x86	Emulex LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup>  QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	
8	Huawei RH Series	Red Flag Asianux Server 4 SP2 for x86	Emulex LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup>  QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	

1. HBA firmware version/driver version is 2.3.0.0.
2. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
3. Removing the connection between host and storage will cause the host to restart when used the type of reiserfs file system.
4. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
5. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500μs in direct connection.The CLI command is:chgpportparam -c controller id -if interface module id -p port id -d 500.

6. HBA driver version is 8.02.23.

IBM

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	IBM xSeries	Red Flag DC Server 5.0 SP2 for x86	Brocade 415 <sup>1,2,5</sup> ,425 <sup>1,2,5</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe111  QLogic QLA2460 <sup>6</sup> ,QLA2462 <sup>6</sup> ,QLE2460 <sup>6</sup> ,QLE2462 <sup>6</sup>  IBM 39M5894 <sup>6</sup> ,39M5895 <sup>6</sup> ,39R6525 <sup>6</sup> ,39R6527 <sup>6</sup> ,42D0405,42D0407,42C2069,42C2071,59Y1987 <sup>1,2,5</sup> ,59Y1993 <sup>1,2,5</sup>	UltraPath	OceanStor S2200T	See <sup>3</sup>
2	IBM xSeries	Red Flag Asianux Server 3 SP1 for x86	Brocade 415 <sup>1,2,5</sup> ,425 <sup>1,2,5</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe111  QLogic QLA2460,QLA2462,QLE2460,QLE2462  IBM 39M5894,39M5895,39R6525,39R6527,42D0405,42D0407,42C2069,42C2071,59Y1987 <sup>1,2,5</sup> ,59Y1993 <sup>1,2,5</sup>	UltraPath	OceanStor S2200T	See <sup>3</sup>
3	IBM xSeries	Red Flag Asianux Server 3 SP2 for x86	Brocade 415 <sup>1,2,5</sup> ,425 <sup>1,2,5</sup> ,815 <sup>1,2,5</sup> ,825 <sup>1,2,5</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111,LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup> ,LPe1250 <sup>4</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	See <sup>3</sup>

			<p>IBM 39M5894,39M5895,39R6525,39R6527,42D0501,42D0510,42D0405,42D0407,42C2069,42C2071,42D0485<sup>4</sup>,42D0494<sup>4</sup>,59Y1987<sup>1,2,5</sup>,59Y1993<sup>1,2,5</sup>,46M6049<sup>1,2,5</sup>,46M6050<sup>1,2,5</sup></p>			
4	IBM xSeries	Red Flag Asianux Server 3 SP3 for x86	<p>Brocade 415<sup>1,2,5</sup>,425<sup>1,2,5</sup>,815<sup>1,2,5</sup>,825<sup>1,2,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>4</sup>,LPe12002<sup>4</sup>,LPe1250<sup>4</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>IBM 39M5894,39M5895,39R6525,39R6527,42D0501,42D0510,42D0405,42D0407,42C2069,42C2071,42D0485<sup>4</sup>,42D0494<sup>4</sup>,59Y1987<sup>1,2,5</sup>,59Y1993<sup>1,2,5</sup>,46M6049<sup>1,2,5</sup>,46M6050<sup>1,2,5</sup></p>	UltraPath	OceanStor S2200T	
5	IBM xSeries	Red Flag Asianux Server 3 SP4 for x86	<p>Emulex LPe12000<sup>4</sup>,LPe12002<sup>4</sup></p> <p>QLogic QLE2560,QLE2562</p> <p>IBM 42D0501,42D0510,42D0485<sup>4</sup>,42D0494<sup>4</sup></p>	UltraPath	OceanStor S2200T	
6	IBM xSeries	Red Flag Asianux Server 4 for x86	<p>Emulex LPe12000<sup>4</sup>,LPe12002<sup>4</sup></p> <p>IBM 42D0485<sup>4</sup>,42D0494<sup>4</sup></p>	UltraPath	OceanStor S2200T	
7	IBM xSeries	Red Flag Asianux Server 4 SP1 for x86	<p>Emulex LPe12000<sup>4</sup>,LPe12002<sup>4</sup></p> <p>QLogic QLE2560,QLE2562</p> <p>IBM 42D0501,42D0510,42D0485<sup>4</sup>,42D0494<sup>4</sup></p>	UltraPath	OceanStor S2200T	
8	IBM xSeries	Red Flag Asianux Server 4 SP2 for x86	<p>Emulex LPe12000<sup>4</sup>,LPe12002<sup>4</sup></p> <p>QLogic QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	

			IBM 42D0501,42D0510,42D0485 <sup>4</sup> ,42D049 4 <sup>4</sup>			
--	--	--	---	--	--	--

1. HBA firmware version/driver version is 2.3.0.0.
2. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
3. Removing the connection between host and storage will cause the host to restart when used the type of reiserfs file system.
4. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
5. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection.The CLI command is:chgpportparam -c controller id -if interface module id -p port id -d 500.
6. HBA driver version is 8.02.23.

### Oracle Sun

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Oracle Sun x86 Systems	Red Flag DC Server 5.0 SP2 for x86	Brocade 415 <sup>1,2,5</sup> ,425 <sup>1,2,5</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe111  QLogic QLA2460 <sup>6</sup> ,QLA2462 <sup>6</sup> ,QLE2460 <sup>6</sup> ,QLE2462 <sup>6</sup>	UltraPath	OceanStor S2200T	See <sup>3</sup>
2	Oracle Sun x86 Systems	Red Flag Asianux Server 3 SP1 for x86	Brocade 415 <sup>1,2,5</sup> ,425 <sup>1,2,5</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe111  QLogic QLA2460,QLA2462,QLE2460,QLE2462	UltraPath	OceanStor S2200T	See <sup>3</sup>
3	Oracle Sun x86 Systems	Red Flag Asianux Server 3 SP2 for x86	Brocade 415 <sup>1,2,5</sup> ,425 <sup>1,2,5</sup> ,815 <sup>1,2,5</sup> ,825 <sup>1,2,5</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup> ,LPe1250 <sup>4</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	See <sup>3</sup>
4	Oracle Sun x86 Systems	Red Flag Asianux Server 3 SP3 for x86	Brocade 415 <sup>1,2,5</sup> ,425 <sup>1,2,5</sup> ,815 <sup>1,2,5</sup> ,825 <sup>1,2,5</sup>	UltraPath	OceanStor S2200T	

			Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe1111,LPe1200 0 <sup>4</sup> ,LPe12002 <sup>4</sup> ,LPe1250 <sup>4</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2 462,QLE2560,QLE2562			
5	Oracle Sun x86 Systems	Red Flag Asianux Server 3 SP4 for x86	Emulex LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup>  QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	
6	Oracle Sun x86 Systems	Red Flag Asianux Server 4 for x86	Emulex LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup>  QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	
7	Oracle Sun x86 Systems	Red Flag Asianux Server 4 SP1 for x86	Emulex LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup>  QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	
8	Oracle Sun x86 Systems	Red Flag Asianux Server 4 SP2 for x86	Emulex LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup>  QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	

1. HBA firmware version/driver version is 2.3.0.0.
2. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
3. Removing the connection between host and storage will cause the host to restart when used the type of reiserfs file system.
4. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
5. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection.The CLI command is:chgpportparam -c controller id -if interface module id -p port id -d 500.
6. HBA driver version is 8.02.23.

## Red Flag x86\_64

### Dell

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Dell PowerEdge Series	Red Flag DC Server 5.0 SP2 for x86_64	Brocade 415 <sup>1,2,5</sup> ,425 <sup>1,2,5</sup>  Emulex LP11000,LP11002,LPe11000,LPe110 02,LPe111  QLogic QLA2460 <sup>6</sup> ,QLA2462 <sup>6</sup> ,QLE2460 <sup>6</sup> ,QL E2462 <sup>6</sup>  Dell PF323 <sup>6</sup> ,FH590 <sup>6</sup> ,DH226 <sup>6</sup> ,FF340 <sup>6</sup> ,LPe1 1002-E	UltraPath	OceanStor S2200T	See <sup>3</sup>

2	Dell PowerEdge Series	Red Flag Asianux Server 3 SP1 for x86_64	<p>Brocade 415<sup>1,2,5</sup>,425<sup>1,2,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe111</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p> <p>Dell PF323,FH590,DH226,FF340,LPe11002-E</p>	UltraPath	OceanStor S2200T	See <sup>3</sup>
3	Dell PowerEdge Series	Red Flag Asianux Server 3 SP2 for x86_64	<p>Brocade 415<sup>1,2,5</sup>,425<sup>1,2,5</sup>,815<sup>1,2,5</sup>,825<sup>1,2,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111,LPe12000<sup>4</sup>,LPe12002<sup>4</sup>,LPe1250<sup>4</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>Dell PF323,FH590,DH226,FF340,F641C,H144C,LP1150-E,LPe11002-E,LPe1150-E,LPe12000-E<sup>4</sup>,LPe12002-E<sup>4</sup>,BR815<sup>1,2,5</sup>,BR825<sup>1,2,5</sup></p>	UltraPath	OceanStor S2200T	See <sup>3</sup>
4	Dell PowerEdge Series	Red Flag Asianux Server 3 SP3 for x86_64	<p>Brocade 415<sup>1,2,5</sup>,425<sup>1,2,5</sup>,815<sup>1,2,5</sup>,825<sup>1,2,5</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe1150,LPe111,LPe12000<sup>4</sup>,LPe12002<sup>4</sup>,LPe1250<sup>4</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>Dell PF323,FH590,DH226,FF340,F641C,H144C,LP1150-E,LPe11002-E,LPe1150-E,LPe12000-E<sup>4</sup>,LPe12002-E<sup>4</sup>,BR8</p>	UltraPath	OceanStor S2200T	

			15 <sup>1,2,5</sup> ,BR825 <sup>1,2,5</sup>			
5	Dell PowerEdge Series	Red Flag Asianux Server 3 SP4 for x86_64	Emulex LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup>  QLogic QLE2560,QLE2562  Dell F641C,H144C,LPe12000-E <sup>4</sup> ,LPe12002-E <sup>4</sup>	UltraPath	OceanStor S2200T	
6	Dell PowerEdge Series	Red Flag Asianux Server 4 for x86_64	Emulex LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup>  Dell LPe12000-E <sup>4</sup> ,LPe12002-E <sup>4</sup>	UltraPath	OceanStor S2200T	
7	Dell PowerEdge Series	Red Flag Asianux Server 4 SP1 for x86_64	Emulex LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup>  QLogic QLE2560,QLE2562  Dell F641C,H144C,LPe12000-E <sup>4</sup> ,LPe12002-E <sup>4</sup>	UltraPath	OceanStor S2200T	
8	Dell PowerEdge Series	Red Flag Asianux Server 4 SP2 for x86_64	Emulex LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup>  QLogic QLE2560,QLE2562  Dell F641C,H144C,LPe12000-E <sup>4</sup> ,LPe12002-E <sup>4</sup>	UltraPath	OceanStor S2200T	

1. HBA firmware version/driver version is 2.3.0.0.
2. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
3. Removing the connection between host and storage will cause the host to restart when used the type of reiserfs file system.
4. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
5. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection.The CLI command is:chgpportparam -c controller id -if interface module id -p port id -d 500.
6. HBA driver version is 8.02.23.

## HP

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	HP ProLiant Series	Red Flag DC Server 5.0 SP2 for x86_64	Brocade 415 <sup>1,2,5</sup> ,425 <sup>1,2,5</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe111  QLogic QLA2460 <sup>6</sup> ,QLA2462 <sup>6</sup> ,QLE2460 <sup>6</sup> ,QL	UltraPath	OceanStor S2200T	See <sup>3</sup>

			E2462 <sup>6</sup>  HP AB429A/FC1143 <sup>6</sup> ,AE369A/FC1243 <sup>6</sup> , AE311A/FC1142SR <sup>6</sup> ,AE312A/FC124 2SR <sup>6</sup> ,AD168A/FC2243,A8003A/FC2 242SR,AP767A <sup>1,2,5</sup> ,AP768A <sup>1,2,5</sup>			
2	HP ProLiant Series	Red Flag Asianux Server 3 SP1 for x86_64	Brocade 415 <sup>1,2,5</sup> ,425 <sup>1,2,5</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe111  QLogic QLA2460,QLA2462,QLE2460,QLE2462  HP AB429A/FC1143,AE369A/FC1243,A E311A/FC1142SR,AE312A/FC1242S R,AD168A/FC2243,A8003A/FC2242 SR,AP767A <sup>1,2,5</sup> ,AP768A <sup>1,2,5</sup>	UltraPath	OceanStor S2200T	See <sup>3</sup>
3	HP ProLiant Series	Red Flag Asianux Server 3 SP2 for x86_64	Brocade 415 <sup>1,2,5</sup> ,425 <sup>1,2,5</sup> ,815 <sup>1,2,5</sup> ,825 <sup>1,2,5</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe111,LPe1200 0 <sup>4</sup> ,LPe12002 <sup>4</sup> ,LPe1250 <sup>4</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562  HP AB429A/FC1143,AE369A/FC1243,A E311A/FC1142SR,AE312A/FC1242S R,AK344A/81Q,AJ764A/82Q,AD168 A/FC2243,A8003A/FC2242SR,AJ76 2A/81E <sup>4</sup> ,AJ763A/82E <sup>4</sup> ,AP767A <sup>1,2,5</sup> ,A P768A <sup>1,2,5</sup> ,AP769A <sup>1,2,5</sup> ,AP770A <sup>1,2,5</sup> ,A 8002A/FC2142SR	UltraPath	OceanStor S2200T	See <sup>3</sup>
4	HP ProLiant Series	Red Flag Asianux Server 3 SP3 for x86_64	Brocade 415 <sup>1,2,5</sup> ,425 <sup>1,2,5</sup> ,815 <sup>1,2,5</sup> ,825 <sup>1,2,5</sup>  Emulex	UltraPath	OceanStor S2200T	



			<p>LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000<sup>4</sup>,LPe12002<sup>4</sup>,LPe1250<sup>4</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>HP AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,AK344A/81Q,AJ764A/82Q,AD168A/FC2243,A8003A/FC2242SR,AJ762A/81E<sup>4</sup>,AJ763A/82E<sup>4</sup>,AP767A<sup>1,2,5</sup>,AP768A<sup>1,2,5</sup>,AP769A<sup>1,2,5</sup>,AP770A<sup>1,2,5</sup>,A8002A/FC2142SR</p>			
5	HP ProLiant Series	Red Flag Asianux Server 3 SP4 for x86_64	<p>Emulex LPe12000<sup>4</sup>,LPe12002<sup>4</sup></p> <p>QLogic QLE2560,QLE2562</p> <p>HP AK344A/81Q,AJ764A/82Q,AJ762A/81E<sup>4</sup>,AJ763A/82E<sup>4</sup></p>	UltraPath	OceanStor S2200T	
6	HP ProLiant Series	Red Flag Asianux Server 4 for x86_64	<p>Emulex LPe12000<sup>4</sup>,LPe12002<sup>4</sup></p> <p>HP AJ762A/81E<sup>4</sup>,AJ763A/82E<sup>4</sup></p>	UltraPath	OceanStor S2200T	
7	HP ProLiant Series	Red Flag Asianux Server 4 SP1 for x86_64	<p>Emulex LPe12000<sup>4</sup>,LPe12002<sup>4</sup></p> <p>QLogic QLE2560,QLE2562</p> <p>HP AK344A/81Q,AJ764A/82Q,AJ762A/81E<sup>4</sup>,AJ763A/82E<sup>4</sup></p>	UltraPath	OceanStor S2200T	
8	HP ProLiant Series	Red Flag Asianux Server 4 SP2 for x86_64	<p>Emulex LPe12000<sup>4</sup>,LPe12002<sup>4</sup></p> <p>QLogic QLE2560,QLE2562</p> <p>HP AK344A/81Q,AJ764A/82Q,AJ762A/81E<sup>4</sup>,AJ763A/82E<sup>4</sup></p>	UltraPath	OceanStor S2200T	
9	HP c7000 BL460c G7	Red Flag Asianux Server 3 SP3 for x86_64	<p>Emulex LPe1205-HP</p> <p>HP 456972-B21</p>	UltraPath	OceanStor S2200T	

1. HBA firmware version/driver version is 2.3.0.0.

2. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
3. Removing the connection between host and storage will cause the host to restart when used the type of reiserfs file system.
4. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
5. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection. The CLI command is: `chgpportparam -c controller id -if interface module id -p port id -d 500`.
6. HBA driver version is 8.02.23.

## Huawei

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Huawei RH Series	Red Flag DC Server 5.0 SP2 for x86_64	Brocade 415 <sup>1,2,5</sup> ,425 <sup>1,2,5</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe111  QLogic QLA2460 <sup>6</sup> ,QLA2462 <sup>6</sup> ,QLE2460 <sup>6</sup> ,QLE2462 <sup>6</sup>	UltraPath	OceanStor S2200T	See <sup>3</sup>
2	Huawei RH Series	Red Flag Asianux Server 3 SP1 for x86_64	Brocade 415 <sup>1,2,5</sup> ,425 <sup>1,2,5</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe111  QLogic QLA2460,QLA2462,QLE2460,QLE2462	UltraPath	OceanStor S2200T	See <sup>3</sup>
3	Huawei RH Series	Red Flag Asianux Server 3 SP2 for x86_64	Brocade 415 <sup>1,2,5</sup> ,425 <sup>1,2,5</sup> ,815 <sup>1,2,5</sup> ,825 <sup>1,2,5</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111,LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup> ,LPe1250 <sup>4</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	See <sup>3</sup>
4	Huawei RH Series	Red Flag Asianux Server 3 SP3 for x86_64	Brocade 415 <sup>1,2,5</sup> ,425 <sup>1,2,5</sup> ,815 <sup>1,2,5</sup> ,825 <sup>1,2,5</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111,LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup> ,LPe1250 <sup>4</sup>	UltraPath	OceanStor S2200T	

			QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562			
5	Huawei RH Series	Red Flag Asianux Server 3 SP4 for x86_64	Emulex LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup>  QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	
6	Huawei RH Series	Red Flag Asianux Server 4 for x86_64	Emulex LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup>  QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	
7	Huawei RH Series	Red Flag Asianux Server 4 SP1 for x86_64	Emulex LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup>  QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	
8	Huawei RH Series	Red Flag Asianux Server 4 SP2 for x86_64	Emulex LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup>  QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	

1. HBA firmware version/driver version is 2.3.0.0.
2. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
3. Removing the connection between host and storage will cause the host to restart when used the type of reiserfs file system.
4. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
5. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection.The CLI command is:chgpportparam -c controller id -if interface module id -p port id -d 500.
6. HBA driver version is 8.02.23.

## IBM

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	IBM xSeries	Red Flag DC Server 5.0 SP2 for x86_64	Brocade 415 <sup>1,2,5</sup> ,425 <sup>1,2,5</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe111  QLogic QLA2460 <sup>6</sup> ,QLA2462 <sup>6</sup> ,QLE2460 <sup>6</sup> ,QLE2462 <sup>6</sup>  IBM 39M5894 <sup>6</sup> ,39M5895 <sup>6</sup> ,39R6525 <sup>6</sup> ,39R6527 <sup>6</sup> ,42D0405,42D0407,42C2069,42C2071,59Y1987 <sup>1,2,5</sup> ,59Y1993 <sup>1,2,5</sup>	UltraPath	OceanStor S2200T	See <sup>3</sup>
2	IBM xSeries	Red Flag Asianux Server 3 SP1 for x86_64	Brocade 415 <sup>1,2,5</sup> ,425 <sup>1,2,5</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002	UltraPath	OceanStor S2200T	See <sup>3</sup>

			<p>02,LPe111</p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462</p> <p>IBM 39M5894,39M5895,39R6525,39R6527,42D0405,42D0407,42C2069,42C2071,59Y1987<sup>1,2,5</sup>,59Y1993<sup>1,2,5</sup></p>			
3	IBM xSeries	Red Flag Asianux Server 3 SP2 for x86_64	<p>Brocade 415<sup>1,2,5</sup>,425<sup>1,2,5</sup>,815<sup>1,2,5</sup>,825<sup>1,2,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111,LPe12000<sup>4</sup>,LPe12002<sup>4</sup>,LPe1250<sup>4</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>IBM 39M5894,39M5895,39R6525,39R6527,42D0501,42D0510,42D0405,42D0407,42C2069,42C2071,42D0485<sup>4</sup>,42D0494<sup>4</sup>,59Y1987<sup>1,2,5</sup>,59Y1993<sup>1,2,5</sup>,46M6049<sup>1,2,5</sup>,46M6050<sup>1,2,5</sup></p>	UltraPath	OceanStor S2200T	See <sup>3</sup>
4	IBM xSeries	Red Flag Asianux Server 3 SP3 for x86_64	<p>Brocade 415<sup>1,2,5</sup>,425<sup>1,2,5</sup>,815<sup>1,2,5</sup>,825<sup>1,2,5</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111,LPe12000<sup>4</sup>,LPe12002<sup>4</sup>,LPe1250<sup>4</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>IBM 39M5894,39M5895,39R6525,39R6527,42D0501,42D0510,42D0405,42D0407,42C2069,42C2071,42D0485<sup>4</sup>,42D0494<sup>4</sup>,59Y1987<sup>1,2,5</sup>,59Y1993<sup>1,2,5</sup>,46M6049<sup>1,2,5</sup>,46M6050<sup>1,2,5</sup></p>	UltraPath	OceanStor S2200T	

5	IBM xSeries	Red Flag Asianux Server 3 SP4 for x86_64	Emulex LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup>  QLogic QLE2560,QLE2562  IBM 42D0501,42D0510,42D0485 <sup>4</sup> ,42D0494 <sup>4</sup>	UltraPath	OceanStor S2200T	
6	IBM xSeries	Red Flag Asianux Server 4 for x86_64	Emulex LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup>  IBM 42D0485 <sup>4</sup> ,42D0494 <sup>4</sup>	UltraPath	OceanStor S2200T	
7	IBM xSeries	Red Flag Asianux Server 4 SP1 for x86_64	Emulex LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup>  QLogic QLE2560,QLE2562  IBM 42D0501,42D0510,42D0485 <sup>4</sup> ,42D0494 <sup>4</sup>	UltraPath	OceanStor S2200T	
8	IBM xSeries	Red Flag Asianux Server 4 SP2 for x86_64	Emulex LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup>  QLogic QLE2560,QLE2562  IBM 42D0501,42D0510,42D0485 <sup>4</sup> ,42D0494 <sup>4</sup>	UltraPath	OceanStor S2200T	
9	IBM HS22	Red Flag DC Server 5.0 SP3 for x86_64	Emulex LPe1205	UltraPath	OceanStor S2200T	

- HBA firmware version/driver version is 2.3.0.0.
- It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
- Removing the connection between host and storage will cause the host to restart when used the type of reiserfs file system.
- It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
- The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection.The CLI command is:chgportparam -c controller id -if interface module id -p port id -d 500.
- HBA driver version is 8.02.23.

#### Oracle Sun

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Oracle Sun x86 Systems	Red Flag DC Server 5.0 SP2 for x86_64	Brocade 415 <sup>1,2,5</sup> ,425 <sup>1,2,5</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe111  QLogic	UltraPath	OceanStor S2200T	See <sup>3</sup>

			QLA2460 <sup>6</sup> ,QLA2462 <sup>6</sup> ,QLE2460 <sup>6</sup> ,QLE2462 <sup>6</sup>			
2	Oracle Sun x86 Systems	Red Flag Asianux Server 3 SP1 for x86_64	Brocade 415 <sup>1,2,5</sup> ,425 <sup>1,2,5</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe111  QLogic QLA2460,QLA2462,QLE2460,QLE2462	UltraPath	OceanStor S2200T	See <sup>3</sup>
3	Oracle Sun x86 Systems	Red Flag Asianux Server 3 SP2 for x86_64	Brocade 415 <sup>1,2,5</sup> ,425 <sup>1,2,5</sup> ,815 <sup>1,2,5</sup> ,825 <sup>1,2,5</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup> ,LPe1250 <sup>4</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	See <sup>3</sup>
4	Oracle Sun x86 Systems	Red Flag Asianux Server 3 SP3 for x86_64	Brocade 415 <sup>1,2,5</sup> ,425 <sup>1,2,5</sup> ,815 <sup>1,2,5</sup> ,825 <sup>1,2,5</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111,LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup> ,LPe1250 <sup>4</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	
5	Oracle Sun x86 Systems	Red Flag Asianux Server 3 SP4 for x86_64	Emulex LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup>  QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	
6	Oracle Sun x86 Systems	Red Flag Asianux Server 4 for x86_64	Emulex LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup>	UltraPath	OceanStor S2200T	
7	Oracle Sun x86 Systems	Red Flag Asianux Server 4 SP1 for x86_64	Emulex LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup>  QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	
8	Oracle Sun x86 Systems	Red Flag Asianux Server 4 SP2 for x86_64	Emulex LPe12000 <sup>4</sup> ,LPe12002 <sup>4</sup>  QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	

1. HBA firmware version/driver version is 2.3.0.0.

2. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.

3. Removing the connection between host and storage will cause the host to restart when used the type of reiserfs file system.
4. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
5. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection. The CLI command is: `chgpportparam -c controller id -if interface module id -p port id -d 500`.
6. HBA driver version is 8.02.23.

## Rocky x86\_64

### Dell

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Dell PowerEdge Series	Linux Rocky 4.2.35 for x86_64 <sup>1,2</sup>	QLogic QLE2460,QLE2462,QLE2560,QLE2562  Dell PF323,FH590,DH226,FF340,F641C, H144C	UltraPath	OceanStor S2200T	See <sup>3</sup>

1. It is required to use the ext3 file system to install system.
2. Kernel version is 2.6.27.54.
3. Modules dm-mod and dm-mirror should be added manually when using LVM software.

### Huawei

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Huawei RH Series	Linux Rocky 4.2.35 for x86_64 <sup>1,2</sup>	Emulex LPe1150	UltraPath	OceanStor S2200T	See <sup>3</sup>
		Linux Rocky 4.2.35 for x86_64 <sup>1,4</sup>	Emulex LPe111,LPe1150  QLogic QLE2460,QLE2462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	See <sup>3</sup>
2	Huawei RH Series	Linux Rocky 4.2.40 for x86_64 <sup>1,5</sup>	Emulex LPe12000 <sup>10</sup> ,LPe12002 <sup>10</sup>	DM-Multipath	OceanStor S2200T	See <sup>3,7,8,9</sup>
3	Huawei RH Series	Linux Rocky 6.0.3 for x86_64 <sup>1</sup>	Emulex LPe12000 <sup>10</sup> ,LPe12002 <sup>10</sup>	UltraPath	OceanStor S2200T	
4	Huawei RH Series	Linux Rocky 6.0.4 for x86_64 <sup>1,6</sup>	QLogic QLE2560,QLE2562	DM-Multipath	OceanStor S2200T	See <sup>8,9</sup>

1. It is required to use the ext3 file system to install system.
2. Kernel version is 2.6.27.54.
3. Modules dm-mod and dm-mirror should be added manually when using LVM software.
4. Kernel version is 2.6.32.41.
5. Kernel version is 2.6.32.41.
6. Kernel version is 2.6.32-5.
7. After the connection is established, you need to remove luns first if you change the storage system port.

8. The disk storage system must enable ALUA function.
9. For the detail configuration of DM-Multipath, please contact the technical service centre of Huawei Technologies Co., Ltd..
10. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.

## SUSE x86

### Dell

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Dell PowerEdge Series	SUSE Linux Enterprise Server 9 SP3 for x86	Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111  QLogic QLA2460 <sup>1</sup> ,QLA2462 <sup>1</sup> ,QLE2460 <sup>1</sup> ,QLE2462 <sup>1</sup>  Dell PF323 <sup>1</sup> ,FH590 <sup>1</sup> ,DH226 <sup>1</sup> ,FF340 <sup>1</sup> ,LP1150-E,LPe11002-E,LPe1150-E	UltraPath	OceanStor S2200T	
2	Dell PowerEdge Series	SUSE Linux Enterprise Server 9 SP4 for x86	Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111  QLogic QLA2460 <sup>1</sup> ,QLA2462 <sup>1</sup> ,QLE2460 <sup>1</sup> ,QLE2462 <sup>1</sup>  Dell PF323 <sup>1</sup> ,FH590 <sup>1</sup> ,DH226 <sup>1</sup> ,FF340 <sup>1</sup> ,LPe11002-E,LPe1150-E,LP1150-E	UltraPath	OceanStor S2200T	
3	Dell PowerEdge Series	SUSE Linux Enterprise Server 10 for x86	Emulex LP1150,LPe1150  Dell LP1150-E,LPe1150-E	UltraPath	OceanStor S2200T	
4	Dell PowerEdge Series	SUSE Linux Enterprise Server 10 SP1 for x86	Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe111,LPe1150,LPe12000 <sup>7,5</sup> ,LPe12002 <sup>7,5</sup> ,LPe1250 <sup>7,5</sup>	UltraPath	OceanStor S2200T	



			<p>QLogic          QLA2340,QLA2342,QLA2460<sup>4</sup>,QLA2462<sup>4</sup>,QLE2460<sup>4</sup>,QLE2462<sup>4</sup></p> <p>Dell          PF323<sup>4</sup>,FH590<sup>4</sup>,DH226<sup>4</sup>,FF340<sup>4</sup>,LP1150-E,LPe11002-E,LPe12000-E<sup>7,5</sup>,LPe12002-E<sup>7,5</sup>,LPe1150-E</p>			
5	Dell PowerEdge Series	SUSE Linux Enterprise Server 10 SP2 for x86	<p>Brocade 415<sup>2,3,8</sup>,425<sup>2,3,8</sup>,815<sup>2,3,8</sup>,825<sup>2,3,8</sup></p> <p>Emulex          LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1111,LPe1150,LPe12000<sup>5</sup>,LPe12002<sup>5</sup>,LPe1250<sup>5</sup></p> <p>QLogic          QLA2460<sup>4</sup>,QLA2462<sup>4</sup>,QLE2460<sup>4</sup>,QLE2462<sup>4</sup>,QLE2560,QLE2562</p> <p>Dell          PF323<sup>4</sup>,FH590<sup>4</sup>,DH226<sup>4</sup>,FF340<sup>4</sup>,F641C,H144C,LP1150-E,LPe11002-E,LPe12000-E<sup>5</sup>,LPe12002-E<sup>5</sup>,LPe1150-E,BR815<sup>2,3,8</sup>,BR825<sup>2,3,8</sup></p>	UltraPath	OceanStor S2200T	
6	Dell PowerEdge Series	SUSE Linux Enterprise Server 10 SP3 for x86	<p>Brocade 415<sup>2,3,8</sup>,425<sup>2,3,8</sup>,815<sup>2,3,8</sup>,825<sup>2,3,8</sup></p> <p>Emulex          LP11000,LP11002,LPe11000,LPe11002,LPe1111,LP1150,LPe1150,LPe12000<sup>5</sup>,LPe12002<sup>5</sup>,LPe1250<sup>5</sup></p> <p>QLogic          QLA2460<sup>4</sup>,QLA2462<sup>4</sup>,QLE2460<sup>4</sup>,QLE2462<sup>4</sup>,QLE2560<sup>4</sup>,QLE2562<sup>4</sup></p> <p>Dell          PF323<sup>4</sup>,FH590<sup>4</sup>,DH226<sup>4</sup>,FF340<sup>4</sup>,F641C<sup>4</sup>,H144C<sup>4</sup>,LP1150-E,LPe1150-E,LPe11002-E,LPe12000-E<sup>5</sup>,LPe12002-E<sup>5</sup>,BR815<sup>2,3,8</sup>,BR825<sup>2,3,8</sup></p>	UltraPath	OceanStor S2200T	
7	Dell PowerEdge Series	SUSE Linux Enterprise Server 10 SP4 for x86	<p>Brocade 415<sup>3,6,8</sup>,425<sup>3,6,8</sup>,815<sup>2,3,8</sup>,825<sup>2,3,8</sup></p> <p>Emulex          LP11000,LP11002,LPe11000,LPe1110</p>	UltraPath	OceanStor S2200T	

			<p>02,LPe12000<sup>5</sup>,LPe12002<sup>5</sup>,LPe1250<sup>5</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>Dell PF323,FH590,DH226,FF340,F641C,H144C,LPe11002-E,LPe12000-E<sup>5</sup>,LPe12002-E<sup>5</sup>,BR815<sup>2,3,8</sup>,BR825<sup>2,3,8</sup></p>			
8	Dell PowerEdge Series	SUSE Linux Enterprise Server 11 for x86	<p>Brocade 415<sup>3,6,8</sup>,425<sup>3,6,8</sup>,815<sup>3,6,8</sup>,825<sup>3,6,8</sup></p> <p>Emulex LPe12000<sup>5</sup>,LPe12002<sup>5</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>Dell LPe12000-E<sup>5</sup>,LPe12002-E<sup>5</sup>,PF323,FH590,DH226,FF340,F641C,H144C,BR815<sup>3,6,8</sup>,BR825<sup>3,6,8</sup></p>	UltraPath	OceanStor S2200T	
9	Dell PowerEdge Series	SUSE Linux Enterprise Server 11 SP1 for x86	<p>ATTO Celerity FC-81EN,FC-82EN</p> <p>Brocade 415<sup>2,3,8</sup>,425<sup>2,3,8</sup>,815<sup>2,3,8</sup>,825<sup>2,3,8</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe111,LPe12000<sup>5</sup>,LPe12002<sup>5</sup>,LPe1250<sup>5</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>Dell PF323,FH590,DH226,FF340,F641C,H144C,LPe11002-E,LPe12000-E<sup>5</sup>,LPe12002-E<sup>5</sup>,BR815<sup>2,3,8</sup>,BR825<sup>2,3,8</sup></p>	UltraPath	OceanStor S2200T	
			<p>Emulex LPe12000<sup>5</sup>,LPe12002<sup>5</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p>	DM-Multipath <sup>9</sup> 10	OceanStor S2200T	

			Dell LPe12000-E <sup>5</sup> ,LPe12002-E <sup>5</sup> ,PF323,FH590,DH226,FF340,F641C,H144C			
10	Dell PowerEdge Series	SUSE Linux Enterprise Server 11 SP2 for x86	Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup>  QLogic QLE2560,QLE2562,QLA2460,QLA2462,QLE2460,QLE2462  Dell PF323,FH590,DH226,FF340,H144C,F641C,LPe11002-E,LPe12000-E <sup>5</sup> ,LPe12002-E <sup>5</sup>	UltraPath	OceanStor S2200T	
11	Dell PowerEdge Series	SUSE Linux Enterprise Server 11 SP3 for x86	Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup>  Dell LPe11002-E,LPe12000-E <sup>5</sup> ,LPe12002-E <sup>5</sup>		OceanStor S2200T	
			QLogic QLE2460,QLE2462,QLE2560,QLE2562  Emulex LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup>  Dell PF323,FH590,DH226,FF340,H144C,F641C,LPe12000-E <sup>5</sup> ,LPe12002-E <sup>5</sup>	UltraPath	OceanStor S2200T	
			QLogic QLE2560,QLE2562  Dell H144C,F641C	DM-Multipath <sup>9</sup> <sub>10</sub>	OceanStor S2200T	
12	Dell M1000e M610,M710H D	SUSE Linux Enterprise Server 11 SP1 for x86	Emulex LPe1205-M	UltraPath	OceanStor S2200T	

1. HBA driver version is 8.01.07.15.
2. HBA firmware version/driver version is 2.3.0.0.
3. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
4. HBA driver version is 8.02.23.
5. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
6. HBA firmware version/driver version is 3.0.0.0.
7. HBA driver version is 8.2.0.39.

8. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection. The CLI command is: `chgpportparam -c controller id -if interface module id -p port id -d 500`.
9. For the detail configuration of DM-Multipath, please contact the technical service centre of Huawei Technologies Co., Ltd..
10. The disk storage system must enable ALUA function.

## HP

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	HP ProLiant Series	SUSE Linux Enterprise Server 9 SP3 for x86	Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111  QLogic QLA2460 <sup>1</sup> ,QLA2462 <sup>1</sup> ,QLE2460 <sup>1</sup> ,QLE2462 <sup>1</sup>  HP AB429A/FC1143 <sup>1</sup> ,AE369A/FC1243 <sup>1</sup> ,AE311A/FC1142SR <sup>1</sup> ,AE312A/FC1242SR <sup>1</sup> ,AD168A/FC2243,A8003A/FC2242SR,AP767A <sup>2,3,8</sup> ,AP768A <sup>2,3,8</sup> ,A8002A/FC2142SR	UltraPath	OceanStor S2200T	
2	HP ProLiant Series	SUSE Linux Enterprise Server 9 SP4 for x86	Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111  QLogic QLA2460 <sup>1</sup> ,QLA2462 <sup>1</sup> ,QLE2460 <sup>1</sup> ,QLE2462 <sup>1</sup>  HP AB429A/FC1143 <sup>1</sup> ,AE369A/FC1243 <sup>1</sup> ,AE311A/FC1142SR <sup>1</sup> ,AE312A/FC1242SR <sup>1</sup> ,AD168A/FC2243,A8003A/FC2242SR,AP767A <sup>2,3,8</sup> ,AP768A <sup>2,3,8</sup> ,A8002A/FC2142SR	UltraPath	OceanStor S2200T	
3	HP ProLiant Series	SUSE Linux Enterprise Server 10 for x86	Emulex LP1150,LPe1150  HP A8002A/FC2142SR	UltraPath	OceanStor S2200T	
4	HP ProLiant	SUSE Linux Enterprise Server 10	Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup>	UltraPath	OceanStor S2200T	

	Series	SP1 for x86	<p>Emulex</p> <p>LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1111,LPe1150,LPe12000<sup>7.5</sup>,LPe12002<sup>7.5</sup>,LPe1250<sup>7.5</sup></p> <p>QLogic</p> <p>QLA2340,QLA2342,QLA2460<sup>4</sup>,QLA2462<sup>4</sup>,QLE2460<sup>4</sup>,QLE2462<sup>4</sup></p> <p>HP</p> <p>AB429A/FC1143<sup>4</sup>,AE369A/FC1243<sup>4</sup>,AE311A/FC1142SR<sup>4</sup>,AE312A/FC1242SR<sup>4</sup>,AD168A/FC2243,A8003A/FC2242SR,AJ762A/81E<sup>7.5</sup>,AJ763A/82E<sup>7.5</sup>,AP767A<sup>2.3,8</sup>,AP768A<sup>2.3,8</sup>,A8002A/FC2142SR</p>			
5	HP ProLiant Series	SUSE Linux Enterprise Server 10 SP2 for x86	<p>Brocade 415<sup>2,3,8</sup>,425<sup>2,3,8</sup>,815<sup>2,3,8</sup>,825<sup>2,3,8</sup></p> <p>Emulex</p> <p>LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1111,LPe1150,LPe12000<sup>5</sup>,LPe12002<sup>5</sup>,LPe1250<sup>5</sup></p> <p>QLogic</p> <p>QLA2460<sup>4</sup>,QLA2462<sup>4</sup>,QLE2460<sup>4</sup>,QLE2462<sup>4</sup>,QLE2560,QLE2562</p> <p>HP</p> <p>AB429A/FC1143<sup>4</sup>,AE369A/FC1243<sup>4</sup>,AE311A/FC1142SR<sup>4</sup>,AE312A/FC1242SR<sup>4</sup>,AK344A/81Q,AJ764A/82Q,AD168A/FC2243,A8003A/FC2242SR,AJ762A/81E<sup>5</sup>,AJ763A/82E<sup>5</sup>,AP767A<sup>2.3,8</sup>,AP768A<sup>2.3,8</sup>,AP769A<sup>2.3,8</sup>,AP770A<sup>2.3,8</sup>,A8002A/FC2142SR</p>	UltraPath	OceanStor S2200T	
6	HP ProLiant Series	SUSE Linux Enterprise Server 10 SP3 for x86	<p>Brocade 415<sup>2,3,8</sup>,425<sup>2,3,8</sup>,815<sup>2,3,8</sup>,825<sup>2,3,8</sup></p> <p>Emulex</p> <p>LP11000,LP11002,LPe11000,LPe11002,LPe1111,LP1150,LPe1150,LPe12000<sup>5</sup>,LPe12002<sup>5</sup>,LPe1250<sup>5</sup></p> <p>QLogic</p>	UltraPath	OceanStor S2200T	

			<p>QLA2460<sup>4</sup>,QLA2462<sup>4</sup>,QLE2460<sup>4</sup>,QLE2462<sup>4</sup>,QLE2560<sup>4</sup>,QLE2562<sup>4</sup></p> <p>HP AB429A/FC1143<sup>4</sup>,AE369A/FC1243<sup>4</sup>,AE311A/FC1142SR<sup>4</sup>,AE312A/FC1242SR<sup>4</sup>,AK344A/81Q<sup>4</sup>,A8002A/FC2142SR,AJ764A/82Q<sup>4</sup>,AD168A/FC2243,A8003A/FC2242SR,AJ762A/81E<sup>5</sup>,AJ763A/82E<sup>5</sup>,AP767A<sup>2,3,8</sup>,AP768A<sup>2,3,8</sup>,AP769A<sup>2,3,8</sup>,AP770A<sup>2,3,8</sup></p>			
7	HP ProLiant Series	SUSE Linux Enterprise Server 10 SP4 for x86	<p>Brocade 415<sup>3,6,8</sup>,425<sup>3,6,8</sup>,815<sup>2,3,8</sup>,825<sup>2,3,8</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>5</sup>,LPe12002<sup>5</sup>,LPe1250<sup>5</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>HP AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,AK344A/81Q,AJ764A/82Q,AJ762A/81E<sup>5</sup>,AJ763A/82E<sup>5</sup>,AP767A<sup>3,6,8</sup>,AP768A<sup>3,6,8</sup>,AP769A<sup>2,3,8</sup>,AP770A<sup>2,3,8</sup></p>	UltraPath	OceanStor S2200T	
8	HP ProLiant Series	SUSE Linux Enterprise Server 11 for x86	<p>Brocade 415<sup>3,6,8</sup>,425<sup>3,6,8</sup>,815<sup>3,6,8</sup>,825<sup>3,6,8</sup></p> <p>Emulex LPe12000<sup>5</sup>,LPe12002<sup>5</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>HP AJ762A/81E<sup>5</sup>,AJ763A/82E<sup>5</sup>,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,AK344A/81Q,AJ764A/82Q,AP767A<sup>3,6,8</sup>,AP768A<sup>3,6,8</sup>,AP769A<sup>3,6,8</sup>,AP770A<sup>3,6,8</sup></p>	UltraPath	OceanStor S2200T	
9	HP ProLiant Series	SUSE Linux Enterprise Server 11 SP1 for x86	<p>ATTO Celerity FC-81EN,FC-82EN</p> <p>Brocade 415<sup>2,3,8</sup>,425<sup>2,3,8</sup>,815<sup>2,3,8</sup>,825<sup>2,3,8</sup></p>	UltraPath	OceanStor S2200T	

			<p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe111,LPe12000<sup>5</sup>,LPe12002<sup>5</sup>,LPe1250<sup>5</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>HP AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,AK344A/81Q,AJ764A/82Q,AD168A/FC2243,A8003A/FC2242SR,AJ762A/81E<sup>5</sup>,AJ763A/82E<sup>5</sup>,AP767A<sup>2,3,8</sup>,AP768A<sup>2,3,8</sup>,AP769A<sup>2,3,8</sup>,AP770A<sup>2,3,8</sup></p>			
			<p>Emulex LPe12000<sup>5</sup>,LPe12002<sup>5</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>HP AJ762A/81E<sup>5</sup>,AJ763A/82E<sup>5</sup>,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,AK344A/81Q,AJ764A/82Q</p>	DM-Multipath <sup>9</sup> 10	OceanStor S2200T	
10	HP ProLiant Series	SUSE Linux Enterprise Server 11 SP2 for x86	<p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>5</sup>,LPe12002<sup>5</sup></p> <p>QLogic QLE2560,QLE2562,QLA2460,QLA2462,QLE2460,QLE2462</p> <p>HP AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,AK344A/81Q,A8003A/FC2242SR,AD168A/FC2243,AJ764A/82Q,AJ762A/81E<sup>5</sup>,AJ763A/82E<sup>5</sup></p>	UltraPath	OceanStor S2200T	
11	HP ProLiant Series	SUSE Linux Enterprise Server 11 SP3 for x86	<p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>5</sup>,LPe12002<sup>5</sup></p>		OceanStor S2200T	

			HP A8003A/FC2242SR,AD168A/FC224 3,AJ762A/81E <sup>5</sup> ,AJ763A/82E <sup>5</sup>			
			QLogic QLE2460,QLE2462,QLE2560,QLE2 562  Emulex LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup> HP AE311A/FC1142SR,AE312A/FC124 2SR,AK344A/81Q,AJ764A/82Q,AJ7 62A/81E <sup>5</sup> ,AJ763A/82E <sup>5</sup>	UltraPath	OceanStor S2200T	
			QLogic QLE2560,QLE2562  HP AK344A/81Q,AJ764A/82Q	DM-Multipath <sup>9</sup> <sub>10</sub>	OceanStor S2200T	

- HBA driver version is 8.01.07.15.
- HBA firmware version/driver version is 2.3.0.0.
- It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
- HBA driver version is 8.02.23.
- It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
- HBA firmware version/driver version is 3.0.0.0.
- HBA driver version is 8.2.0.39.
- The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection.The CLI command is:chgpportparam -c controller id -if interface module id -p port id -d 500.
- For the detail configuration of DM-Multipath,please contact the technical service centre of Huawei Technologies Co., Ltd..
- The disk storage system must enable ALUA function.

## Huawei

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Huawei RH Series	SUSE Linux Enterprise Server 9 SP3 for x86	Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe111  QLogic QLA2460,QLA2462,QLE2460 <sup>1</sup> ,QLE 2462 <sup>1</sup>	UltraPath	OceanStor S2200T	
2	Huawei RH Series	SUSE Linux Enterprise Server 9 SP4 for x86	Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe111	UltraPath	OceanStor S2200T	



			QLogic QLA2460,QLA2462,QLE2460 <sup>1</sup> ,QLE2462 <sup>1</sup>			
3	Huawei RH Series	SUSE Linux Enterprise Server 10 for x86	Emulex LPe1150	UltraPath	OceanStor S2200T	
4	Huawei RH Series	SUSE Linux Enterprise Server 10 SP1 for x86	Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1111,LPe1150,LPe12000 <sup>7,5</sup> ,LPe12002 <sup>7,5</sup> ,LPe1250 <sup>7,5</sup>  QLogic QLA2340,QLA2342,QLA2460 <sup>4</sup> ,QLA2462 <sup>4</sup> ,QLE2460 <sup>4</sup> ,QLE2462 <sup>4</sup>	UltraPath	OceanStor S2200T	
5	Huawei RH Series	SUSE Linux Enterprise Server 10 SP2 for x86	Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup> ,815 <sup>2,3,8</sup> ,825 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1111,LPe1150,LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup> ,LPe1250 <sup>5</sup>  QLogic QLA2460 <sup>4</sup> ,QLA2462 <sup>4</sup> ,QLE2460 <sup>4</sup> ,QLE2462 <sup>4</sup> ,QLE2560,QLE2562	UltraPath	OceanStor S2200T	
6	Huawei RH Series	SUSE Linux Enterprise Server 10 SP3 for x86	Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup> ,815 <sup>2,3,8</sup> ,825 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe1111,LP1150,LPe1150,LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup> ,LPe1250 <sup>5</sup>  QLogic QLA2460 <sup>4</sup> ,QLA2462 <sup>4</sup> ,QLE2460 <sup>4</sup> ,QLE2462 <sup>4</sup> ,QLE2560 <sup>4</sup> ,QLE2562 <sup>4</sup>	UltraPath	OceanStor S2200T	
7	Huawei RH Series	SUSE Linux Enterprise Server 10 SP4 for x86	Brocade 415 <sup>3,6,8</sup> ,425 <sup>3,6,8</sup> ,815 <sup>2,3,8</sup> ,825 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup> ,LPe1250 <sup>5</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2	UltraPath	OceanStor S2200T	

			462,QLE2560,QLE2562			
8	Huawei RH Series	SUSE Linux Enterprise Server 11 for x86	Brocade 415 <sup>3,6,8</sup> ,425 <sup>3,6,8</sup> ,815 <sup>3,6,8</sup> ,825 <sup>3,6,8</sup>  Emulex LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	
9	Huawei RH Series	SUSE Linux Enterprise Server 11 SP1 for x86	ATTO Celerity FC-81EN,FC-82EN  Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup> ,815 <sup>2,3,8</sup> ,825 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe1111,LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup> ,LPe1250 <sup>5</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	
			Emulex LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	DM-Multipath <sup>9</sup> 10	OceanStor S2200T	
10	Huawei RH Series	SUSE Linux Enterprise Server 11 SP2 for x86	Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup>  QLogic QLE2560,QLE2562,QLA2460,QLA2462,QLE2460,QLE2462	UltraPath	OceanStor S2200T	
11	Huawei RH Series	SUSE Linux Enterprise Server 11 SP3 for x86	Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup>		OceanStor S2200T	
			QLogic QLE2460,QLE2462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	
			Emulex LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup>  QLogic QLE2560,QLE2562	DM-Multipath <sup>9</sup> 10	OceanStor S2200T	
12	Huawei E6000 BH620	SUSE Linux Enterprise Server 10 SP3 for x86	Huawei QFMA	UltraPath	OceanStor S2200T	

13	Huawei T8000 BH23	SUSE Linux Enterprise Server 10 SP3 for x86	Huawei QFMA	UltraPath	OceanStor S2200T	
----	----------------------	--	-------------	-----------	------------------	--

1. HBA driver version is 8.01.07.15.
2. HBA firmware version/driver version is 2.3.0.0.
3. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
4. HBA driver version is 8.02.23.
5. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
6. HBA firmware version/driver version is 3.0.0.0.
7. HBA driver version is 8.2.0.39.
8. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection. The CLI command is: `chgpportparam -c controller id -if interface module id -p port id -d 500`.
9. For the detail configuration of DM-Multipath, please contact the technical service centre of Huawei Technologies Co., Ltd..
10. The disk storage system must enable ALUA function.

## IBM

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	IBM xSeries	SUSE Linux Enterprise Server 9 SP3 for x86	Brocade 415 <sup>2,3,8</sup> , 425 <sup>2,3,8</sup>  Emulex LP11000, LP11002, LP1150, LPe11000, LPe11002, LPe1150, LPe111  QLogic QLA2460 <sup>1</sup> , QLA2462 <sup>1</sup> , QLE2460 <sup>1</sup> , QLE2462 <sup>1</sup>  IBM 39M5894 <sup>1</sup> , 39M5895 <sup>1</sup> , 39R6525 <sup>1</sup> , 39R6527 <sup>1</sup> , 42D0405, 42D0407, 42C2069, 42C2071, 59Y1987 <sup>2,3,8</sup> , 59Y1993 <sup>2,3,8</sup>	UltraPath	OceanStor S2200T	
2	IBM xSeries	SUSE Linux Enterprise Server 9 SP4 for x86	Brocade 415 <sup>2,3,8</sup> , 425 <sup>2,3,8</sup>  Emulex LP11000, LP11002, LP1150, LPe11000, LPe11002, LPe1150, LPe111  QLogic QLA2460 <sup>1</sup> , QLA2462 <sup>1</sup> , QLE2460 <sup>1</sup> , QLE2462 <sup>1</sup>  IBM 39M5894 <sup>1</sup> , 39M5895 <sup>1</sup> , 39R6525 <sup>1</sup> , 39R6527 <sup>1</sup> , 42D0405, 42D0407, 42C2069, 42C2071, 59Y1987 <sup>2,3,8</sup> , 59Y1993 <sup>2,3,8</sup>	UltraPath	OceanStor S2200T	

			C2071,59Y1987 <sup>2,3,8</sup> ,59Y1993 <sup>2,3,8</sup>			
3	IBM xSeries	SUSE Linux Enterprise Server 10 for x86	Emulex LP1150,LPe1150	UltraPath	OceanStor S2200T	
4	IBM xSeries	SUSE Linux Enterprise Server 10 SP1 for x86	Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1111,LPe1150,LPe12000 <sup>7,5</sup> ,LPe12002 <sup>7,5</sup> ,LPe1250 <sup>7,5</sup>  QLogic QLA2340,QLA2342,QLA2460 <sup>4</sup> ,QLA2462 <sup>4</sup> ,QLE2460 <sup>4</sup> ,QLE2462 <sup>4</sup>  IBM 39M5894 <sup>4</sup> ,39M5895 <sup>4</sup> ,39R6525 <sup>4</sup> ,39R6527 <sup>4</sup> ,42D0405,42D0407,42C2069,42C2071,42D0485 <sup>7,5</sup> ,42D0494 <sup>7,5</sup> ,59Y1987 <sup>2,3,8</sup> ,59Y1993 <sup>2,3,8</sup>	UltraPath	OceanStor S2200T	
5	IBM xSeries	SUSE Linux Enterprise Server 10 SP2 for x86	Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup> ,815 <sup>2,3,8</sup> ,825 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1111,LPe1150,LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup> ,LPe1250 <sup>5</sup>  QLogic QLA2460 <sup>4</sup> ,QLA2462 <sup>4</sup> ,QLE2460 <sup>4</sup> ,QLE2462 <sup>4</sup> ,QLE2560, QLE2562  IBM 39M5894 <sup>4</sup> ,39M5895 <sup>4</sup> ,39R6525 <sup>4</sup> ,39R6527 <sup>4</sup> ,42D0501,42D0510,42D0405,42D0407,42C2069,42C2071,42D0485 <sup>5</sup> ,42D0494 <sup>5</sup> ,59Y1987 <sup>2,3,8</sup> ,59Y1993 <sup>2,3,8</sup> ,46M6049 <sup>2,3,8</sup> ,46M6050 <sup>2,3,8</sup>	UltraPath	OceanStor S2200T	
6	IBM xSeries	SUSE Linux Enterprise Server 10 SP3 for x86	Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup> ,815 <sup>2,3,8</sup> ,825 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe1111,LP1150,LPe1150,LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup> ,LPe1250 <sup>5</sup>  QLogic	UltraPath	OceanStor S2200T	

			<p>QLA2460<sup>4</sup>,QLA2462<sup>4</sup>,QLE2460<sup>4</sup>,QLE2462<sup>4</sup>,QLE2560<sup>4</sup>,QLE2562<sup>4</sup></p> <p>IBM</p> <p>39M5894<sup>4</sup>,39M5895<sup>4</sup>,39R6525<sup>4</sup>,39R6527<sup>4</sup>,42D0501<sup>4</sup>,42D0510<sup>4</sup>,42D0405,42D0407,42C2069,42C2071,42D0485<sup>5</sup>,42D0494<sup>5</sup>,59Y1987<sup>2,3,8</sup>,59Y1993<sup>2,3,8</sup>,46M6049<sup>2,3,8</sup>,46M6050<sup>2,3,8</sup></p>			
7	IBM xSeries	SUSE Linux Enterprise Server 10 SP4 for x86	<p>Brocade 415<sup>3,6,8</sup>,425<sup>3,6,8</sup>,815<sup>2,3,8</sup>,825<sup>2,3,8</sup></p> <p>Emulex</p> <p>LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>5</sup>,LPe12002<sup>5</sup>,LPe1250<sup>5</sup></p> <p>QLogic</p> <p>QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>IBM</p> <p>39M5894,39M5895,39R6525,39R6527,42D0485<sup>5</sup>,42D0494<sup>5</sup>,59Y1987<sup>3,6,8</sup>,59Y1993<sup>3,6,8</sup>,46M6049<sup>2,3,8</sup>,46M6050<sup>2,3,8</sup></p>	UltraPath	OceanStor S2200T	
8	IBM xSeries	SUSE Linux Enterprise Server 11 for x86	<p>Brocade 415<sup>3,6,8</sup>,425<sup>3,6,8</sup>,815<sup>3,6,8</sup>,825<sup>3,6,8</sup></p> <p>Emulex LPe12000<sup>5</sup>,LPe12002<sup>5</sup></p> <p>QLogic</p> <p>QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>IBM</p> <p>42D0485<sup>5</sup>,42D0494<sup>5</sup>,39M5894,39M5895,39R6525,39R6527,42D0501,42D0510,59Y1987<sup>3,6,8</sup>,59Y1993<sup>3,6,8</sup>,46M6049<sup>3,6,8</sup>,46M6050<sup>3,6,8</sup></p>	UltraPath	OceanStor S2200T	
9	IBM xSeries	SUSE Linux Enterprise Server 11 SP1 for x86	<p>ATTO Celerity FC-81EN,FC-82EN</p> <p>Brocade 415<sup>2,3,8</sup>,425<sup>2,3,8</sup>,815<sup>2,3,8</sup>,825<sup>2,3,8</sup></p> <p>Emulex</p> <p>LP11000,LP11002,LPe11000,LPe11002,LPe1111,LPe12000<sup>5</sup>,LPe12002<sup>5</sup>,LPe1250<sup>5</sup></p>	UltraPath	OceanStor S2200T	

			<p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>IBM 39M5894,39M5895,39R6525,39R6527,42D0501,42D0510,42D0405,42D0407,42C2069,42C2071,42D0485<sup>5</sup>,42D0494<sup>5</sup>,59Y1987<sup>2,3,8</sup>,59Y1993<sup>2,3,8</sup>,46M6049<sup>2,3,8</sup>,46M6050<sup>2,3,8</sup></p>			
			<p>Emulex LPe12000<sup>5</sup>,LPe12002<sup>5</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>IBM 39M5894,39M5895,39R6525,39R6527,42D0501,42D0510,42D0485<sup>5</sup>,42D0494<sup>5</sup></p>	DM-Multipath <sup>9,10</sup>	OceanStor S2200T	
10	IBM xSeries	SUSE Linux Enterprise Server 11 SP2 for x86	<p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>5</sup>,LPe12002<sup>5</sup></p> <p>QLogic QLE2560,QLE2562,QLA2460,QLA2462,QLE2460,QLE2462</p> <p>IBM 39M5894,39M5895,39R6525,39R6527,42D0501,42D0510,42C2071,42D0405,42D0407,42D0485<sup>5</sup>,42D0494<sup>5</sup></p>	UltraPath	OceanStor S2200T	
11	IBM xSeries	SUSE Linux Enterprise Server 11 SP3 for x86	<p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>5</sup>,LPe12002<sup>5</sup></p> <p>IBM 42C2071,42D0405,42D0407,42D0485<sup>5</sup>,42D0494<sup>5</sup></p>		OceanStor S2200T	
			<p>QLogic QLE2460,QLE2462,QLE2560,QLE2562</p> <p>Emulex LPe12000<sup>5</sup>,LPe12002<sup>5</sup></p>	UltraPath	OceanStor S2200T	

			IBM 39R6525,39R6527,42D0501,42D0510,42D0485 <sup>5</sup> ,42D0494 <sup>5</sup>			
			QLogic QLE2560,QLE2562  IBM 42D0501,42D0510	DM-Multipath <sup>9</sup> 10	OceanStor S2200T	
12	IBM HS22	SUSE Linux Enterprise Server 10 SP3 for x86	QLogic QMI2572	UltraPath	OceanStor S2200T	

- HBA driver version is 8.01.07.15.
- HBA firmware version/driver version is 2.3.0.0.
- It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
- HBA driver version is 8.02.23.
- It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
- HBA firmware version/driver version is 3.0.0.0.
- HBA driver version is 8.2.0.39.
- The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection.The CLI command is:chgpportparam -c controller id -if interface module id -p port id -d 500.
- For the detail configuration of DM-Multipath,please contact the technical service centre of Huawei Technologies Co., Ltd..
- The disk storage system must enable ALUA function.

### Oracle Sun

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Oracle Sun x86 Systems	SUSE Linux Enterprise Server 9 SP3 for x86	Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111  QLogic QLA2460 <sup>1</sup> ,QLA2462 <sup>1</sup> ,QLE2460 <sup>1</sup> ,QLE2462 <sup>1</sup>	UltraPath	OceanStor S2200T	
2	Oracle Sun x86 Systems	SUSE Linux Enterprise Server 9 SP4 for x86	Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111  QLogic QLA2460 <sup>1</sup> ,QLA2462 <sup>1</sup> ,QLE2460 <sup>1</sup> ,QLE2462 <sup>1</sup>	UltraPath	OceanStor S2200T	
3	Oracle Sun x86 Systems	SUSE Linux Enterprise Server 10 for x86	Emulex LPe1150	UltraPath	OceanStor S2200T	

4	Oracle Sun x86 Systems	SUSE Linux Enterprise Server 10 SP1 for x86	<p>Brocade 415<sup>2,3,8</sup>,425<sup>2,3,8</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1111,LPe1150,LPe12000<sup>7,5</sup>,LPe12002<sup>7,5</sup>,LPe1250<sup>7,5</sup></p> <p>QLogic QLA2340,QLA2342,QLA2460<sup>4</sup>,QLA2462<sup>4</sup>,QLE2460<sup>4</sup>,QLE2462<sup>4</sup></p>	UltraPath	OceanStor S2200T	
5	Oracle Sun x86 Systems	SUSE Linux Enterprise Server 10 SP2 for x86	<p>Brocade 415<sup>2,3,8</sup>,425<sup>2,3,8</sup>,815<sup>2,3,8</sup>,825<sup>2,3,8</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1111,LPe1150,LPe12000<sup>5</sup>,LPe12002<sup>5</sup>,LPe1250<sup>5</sup></p> <p>QLogic QLA2460<sup>4</sup>,QLA2462<sup>4</sup>,QLE2460<sup>4</sup>,QLE2462<sup>4</sup>,QLE2560, QLE2562</p>	UltraPath	OceanStor S2200T	
6	Oracle Sun x86 Systems	SUSE Linux Enterprise Server 10 SP3 for x86	<p>Brocade 415<sup>2,3,8</sup>,425<sup>2,3,8</sup>,815<sup>2,3,8</sup>,825<sup>2,3,8</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe1111,LP1150,LPe1150,LPe12000<sup>5</sup>,LPe12002<sup>5</sup>,LPe1250<sup>5</sup></p> <p>QLogic QLA2460<sup>4</sup>,QLA2462<sup>4</sup>,QLE2460<sup>4</sup>,QLE2462<sup>4</sup>,QLE2560<sup>4</sup>,QLE2562<sup>4</sup></p>	UltraPath	OceanStor S2200T	
7	Oracle Sun x86 Systems	SUSE Linux Enterprise Server 10 SP4 for x86	<p>Brocade 415<sup>3,6,8</sup>,425<sup>3,6,8</sup>,815<sup>2,3,8</sup>,825<sup>2,3,8</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>5</sup>,LPe12002<sup>5</sup>,LPe1250<sup>5</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p>	UltraPath	OceanStor S2200T	
8	Oracle Sun x86 Systems	SUSE Linux Enterprise Server 11 for x86	<p>Brocade 415<sup>3,6,8</sup>,425<sup>3,6,8</sup>,815<sup>3,6,8</sup>,825<sup>3,6,8</sup></p> <p>Emulex LPe12000<sup>5</sup>,LPe12002<sup>5</sup></p> <p>QLogic</p>	UltraPath	OceanStor S2200T	



			QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562			
9	Oracle Sun x86 Systems	SUSE Linux Enterprise Server 11 SP1 for x86	ATTO Celerity FC-81EN,FC-82EN  Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup> ,815 <sup>2,3,8</sup> ,825 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe111,LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup> ,LPe1250 <sup>5</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	
			Emulex LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	DM-Multipath <sup>9</sup> <sub>10</sub>	OceanStor S2200T	
10	Oracle Sun x86 Systems	SUSE Linux Enterprise Server 11 SP2 for x86	Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup>  QLogic QLE2560,QLE2562,QLA2460,QLA2462,QLE2460,QLE2462	UltraPath	OceanStor S2200T	
11	Oracle Sun x86 Systems	SUSE Linux Enterprise Server 11 SP3 for x86	Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup>		OceanStor S2200T	
			QLogic QLE2460,QLE2462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	
			Emulex LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup>  QLogic QLE2560,QLE2562	DM-Multipath <sup>9</sup> <sub>10</sub>	OceanStor S2200T	

1. HBA driver version is 8.01.07.15.
2. HBA firmware version/driver version is 2.3.0.0.
3. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
4. HBA driver version is 8.02.23.
5. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
6. HBA firmware version/driver version is 3.0.0.0.
7. HBA driver version is 8.2.0.39.
8. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection. The CLI command is: `chgportparam -c`

controller id -if interface module id -p port id -d 500.

9. For the detail configuration of DM-Multipath, please contact the technical service centre of Huawei Technologies Co., Ltd..
10. The disk storage system must enable ALUA function.

## SUSE x86\_64

### Cisco

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Cisco UCS C210 M2	SUSE Linux Enterprise Server 10 SP4 for x86_64	Emulex LPe12000 <sup>1</sup> , LPe12002 <sup>1</sup>  QLogic QLE2560, QLE2562	UltraPath	OceanStor S2200T	
2	Cisco UCS C210 M2	SUSE Linux Enterprise Server 11 SP2 for x86_64	Emulex LPe12000 <sup>1</sup> , LPe12002 <sup>1</sup>  QLogic QLE2560, QLE2562		OceanStor S2200T	

1. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.

### Dell

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Dell PowerEdge Series	SUSE Linux Enterprise Server 9 SP3 for x86_64	Brocade 415 <sup>2,3,8</sup> , 425 <sup>2,3,8</sup>  Emulex LP11000, LP11002, LP1150, LPe11000, LPe11002, LPe1150, LPe111  QLogic QLA2460 <sup>1</sup> , QLA2462 <sup>1</sup> , QLE2460 <sup>1</sup> , QL E2462 <sup>1</sup>  Dell PF323 <sup>1</sup> , FH590 <sup>1</sup> , DH226 <sup>1</sup> , FF340 <sup>1</sup> , LP11 50-E, LPe11002-E, LPe1150-E	UltraPath	OceanStor S2200T	
2	Dell PowerEdge Series	SUSE Linux Enterprise Server 9 SP4 for x86_64	Brocade 415 <sup>2,3,8</sup> , 425 <sup>2,3,8</sup>  Emulex LP11000, LP11002, LP1150, LPe11000, LPe11002, LPe1150, LPe111  QLogic QLA2460 <sup>1</sup> , QLA2462 <sup>1</sup> , QLE2460 <sup>1</sup> , QL E2462 <sup>1</sup>  Dell PF323 <sup>1</sup> , FH590 <sup>1</sup> , DH226 <sup>1</sup> , FF340 <sup>1</sup> , LPe1	UltraPath	OceanStor S2200T	

			1002-E,LP1150-E,LPe1150-E			
3	Dell PowerEdge Series	SUSE Linux Enterprise Server 10 for x86_64	Emulex LP1150,LPe1150  Dell LP1150-E,LPe1150-E	UltraPath	OceanStor S2200T	
4	Dell PowerEdge Series	SUSE Linux Enterprise Server 10 SP1 for x86_64	Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1111,LPe1150,LPe1200 0 <sup>7,5</sup> ,LPe12002 <sup>7,5</sup> ,LPe1250 <sup>7,5</sup>  QLogic QLA2340,QLA2342,QLA2460 <sup>4</sup> ,QLA 2462 <sup>4</sup> ,QLE2460 <sup>4</sup> ,QLE2462 <sup>4</sup>  Dell PF323 <sup>4</sup> ,FH590 <sup>4</sup> ,DH226 <sup>4</sup> ,FF340 <sup>4</sup> ,LP11 50-E,LPe11002-E,LPe12000-E <sup>7,5</sup> ,LPe 12002-E <sup>7,5</sup> ,LPe1150-E	UltraPath	OceanStor S2200T	
5	Dell PowerEdge Series	SUSE Linux Enterprise Server 10 SP2 for x86_64	Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup> ,815 <sup>2,3,8</sup> ,825 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1111,LPe1150,LPe1200 0 <sup>5</sup> ,LPe12002 <sup>5</sup> ,LPe1250 <sup>5</sup>  QLogic QLA2460 <sup>4</sup> ,QLA2462 <sup>4</sup> ,QLE2460 <sup>4</sup> ,QL E2462 <sup>4</sup> ,QLE2560,QLE2562  Dell PF323 <sup>4</sup> ,FH590 <sup>4</sup> ,DH226 <sup>4</sup> ,FF340 <sup>4</sup> ,F641 C,H144C,LP1150-E,LPe11002-E,LPe 12000-E <sup>5</sup> ,LPe12002-E <sup>5</sup> ,LPe1150-E,B R815 <sup>2,3,8</sup> ,BR825 <sup>2,3,8</sup>	UltraPath	OceanStor S2200T	
6	Dell PowerEdge Series	SUSE Linux Enterprise Server 10 SP3 for x86_64	Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup> ,815 <sup>2,3,8</sup> ,825 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LPe11000,LPe110 02,LPe1111,LP1150,LPe1150,LPe1200 0 <sup>5</sup> ,LPe12002 <sup>5</sup> ,LPe1250 <sup>5</sup>  QLogic QLA2460 <sup>4</sup> ,QLA2462 <sup>4</sup> ,QLE2460 <sup>4</sup> ,QL	UltraPath	OceanStor S2200T	

			E2462 <sup>4</sup> ,QLE2560 <sup>4</sup> ,QLE2562 <sup>4</sup>  Dell PF323 <sup>4</sup> ,FH590 <sup>4</sup> ,DH226 <sup>4</sup> ,FF340 <sup>4</sup> ,F641 C <sup>4</sup> ,H144C <sup>4</sup> ,LP1150-E,LPe1150-E,LPe 11002-E,LPe12000-E <sup>5</sup> ,LPe12002-E <sup>5</sup> , BR815 <sup>2,3,8</sup> ,BR825 <sup>2,3,8</sup>			
7	Dell PowerEdge Series	SUSE Linux Enterprise Server 10 SP4 for x86_64	Brocade 415 <sup>3,6,8</sup> ,425 <sup>3,6,8</sup> ,815 <sup>2,3,8</sup> ,825 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LPe11000,LPe110 02,LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup> ,LPe1250 <sup>5</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2 462,QLE2560,QLE2562  Dell PF323,FH590,DH226,FF340,F641C, H144C,LPe11002-E,LPe12000-E <sup>5</sup> ,LP e12002-E <sup>5</sup> ,BR815 <sup>2,3,8</sup> ,BR825 <sup>2,3,8</sup>	UltraPath	OceanStor S2200T	
8	Dell PowerEdge Series	SUSE Linux Enterprise Server 11 for x86_64	Brocade 415 <sup>3,6,8</sup> ,425 <sup>3,6,8</sup> ,815 <sup>3,6,8</sup> ,825 <sup>3,6,8</sup>  Emulex LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2 462,QLE2560,QLE2562  Dell LPe12000-E <sup>5</sup> ,LPe12002-E <sup>5</sup> ,PF323,FH 590,DH226,FF340,F641C,H144C,BR 815 <sup>3,6,8</sup> ,BR825 <sup>3,6,8</sup>	UltraPath	OceanStor S2200T	
9	Dell PowerEdge Series	SUSE Linux Enterprise Server 11 SP1 for x86_64	ATTO Celerity FC-81EN,FC-82EN  Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup> ,815 <sup>2,3,8</sup> ,825 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LPe11000,LPe110 02,LPe111,LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup> ,LP e1250 <sup>5</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2	UltraPath	OceanStor S2200T	

			462,QLE2560,QLE2562  Dell PF323,FH590,DH226,FF340,F641C, H144C,LPe11002-E,LPe12000-E <sup>5</sup> ,LP e12002-E <sup>5</sup> ,BR815 <sup>2,3,8</sup> ,BR825 <sup>2,3,8</sup>			
			Emulex LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2 462,QLE2560,QLE2562  Dell LPe12000-E <sup>5</sup> ,LPe12002-E <sup>5</sup> ,PF323,FH 590,DH226,FF340,F641C,H144C	DM-Multipath <sup>9</sup>  10	OceanStor S2200T	
10	Dell PowerEdge Series	SUSE Linux Enterprise Server 11 SP2 for x86_64	Emulex LP11000,LP11002,LPe11000,LPe110 02,LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup>  QLogic QLE2560,QLE2562,QLA2460,QLA2 462,QLE2460,QLE2462  Dell PF323,FH590,DH226,FF340,H144C, F641C,LPe11002-E,LPe12000-E <sup>5</sup> ,LPe 12002-E <sup>5</sup>	UltraPath	OceanStor S2200T	
11	Dell PowerEdge Series	SUSE Linux Enterprise Server 11 SP3 for x86_64	Emulex LP11000,LP11002,LPe11000,LPe110 02,LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup>  Dell LPe11002-E,LPe12000-E <sup>5</sup> ,LPe12002- E <sup>5</sup>  QLogic QLE2460,QLE2462,QLE2560,QLE2 562  Emulex LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup>  Dell PF323,FH590,DH226,FF340,H144C, F641C,LPe12000-E <sup>5</sup> ,LPe12002-E <sup>5</sup>	UltraPath	OceanStor S2200T	
			QLogic QLE2560,QLE2562	DM-Multipath <sup>9</sup>	OceanStor S2200T	

			Dell H144C,F641C	10		
--	--	--	------------------	----	--	--

1. HBA driver version is 8.01.07.15.
2. HBA firmware version/driver version is 2.3.0.0.
3. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
4. HBA driver version is 8.02.23.
5. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
6. HBA firmware version/driver version is 3.0.0.0.
7. HBA driver version is 8.2.0.39.
8. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection.The CLI command is:chgpportparam -c controller id -if interface module id -p port id -d 500.
9. For the detail configuration of DM-Multipath,please contact the technical service centre of Huawei Technologies Co., Ltd..
10. The disk storage system must enable ALUA function.

## HP

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	HP ProLiant Series	SUSE Linux Enterprise Server 9 SP3 for x86_64	Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111  QLogic QLA2460 <sup>1</sup> ,QLA2462 <sup>1</sup> ,QLE2460 <sup>1</sup> ,QLE2462 <sup>1</sup>  HP AB429A/FC1143 <sup>1</sup> ,AE369A/FC1243 <sup>1</sup> ,AE311A/FC1142SR <sup>1</sup> ,AE312A/FC1242SR <sup>1</sup> ,AD168A/FC2243,A8003A/FC2242SR,AP767A <sup>2,3,8</sup> ,AP768A <sup>2,3,8</sup> ,A8002A/FC2142SR	UltraPath	OceanStor S2200T	
2	HP ProLiant Series	SUSE Linux Enterprise Server 9 SP4 for x86_64	Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111  QLogic QLA2460 <sup>1</sup> ,QLA2462 <sup>1</sup> ,QLE2460 <sup>1</sup> ,QLE2462 <sup>1</sup>  HP	UltraPath	OceanStor S2200T	

			AB429A/FC1143 <sup>1</sup> ,AE369A/FC1243 <sup>1</sup> , AE311A/FC1142SR <sup>1</sup> ,AE312A/FC124 2SR <sup>1</sup> ,AD168A/FC2243,A8003A/FC2 242SR,AP767A <sup>2,3,8</sup> ,AP768A <sup>2,3,8</sup> ,A800 2A/FC2142SR			
3	HP ProLiant Series	SUSE Linux Enterprise Server 10 for x86_64	Emulex LP1150, LPe1150  HP A8002A/FC2142SR	UltraPath	OceanStor S2200T	
4	HP ProLiant Series	SUSE Linux Enterprise Server 10 SP1 for x86_64	Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1111,LPe1150,LPe1200 0 <sup>7,5</sup> ,LPe12002 <sup>7,5</sup> ,LPe1250 <sup>7,5</sup>  QLogic QLA2340,QLA2342,QLA2460 <sup>4</sup> ,QLA 2462 <sup>4</sup> ,QLE2460 <sup>4</sup> ,QLE2462 <sup>4</sup>  HP AB429A/FC1143 <sup>4</sup> ,AE369A/FC1243 <sup>4</sup> , AE311A/FC1142SR <sup>4</sup> ,AE312A/FC124 2SR <sup>4</sup> ,AD168A/FC2243,A8003A/FC2 242SR,AJ762A/81E <sup>7,5</sup> ,AJ763A/82E <sup>7,5</sup> , AP767A <sup>2,3,8</sup> ,AP768A <sup>2,3,8</sup> ,A8002A/FC2 142SR	UltraPath	OceanStor S2200T	
5	HP ProLiant Series	SUSE Linux Enterprise Server 10 SP2 for x86_64	Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup> ,815 <sup>2,3,8</sup> ,825 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1111,LPe1150,LPe1200 0 <sup>5</sup> ,LPe12002 <sup>5</sup> ,LPe1250 <sup>5</sup>  QLogic QLA2460 <sup>4</sup> ,QLA2462 <sup>4</sup> ,QLE2460 <sup>4</sup> ,QL E2462 <sup>4</sup> ,QLE2560,QLE2562  HP AB429A/FC1143 <sup>4</sup> ,AE369A/FC1243 <sup>4</sup> , AE311A/FC1142SR <sup>4</sup> ,AE312A/FC124 2SR <sup>4</sup> ,AD168A/FC2243,A8003A/FC2 242SR,AJ762A/81E <sup>5</sup> ,AJ763A/82E <sup>5</sup> ,A P767A <sup>2,3,8</sup> ,AP768A <sup>2,3,8</sup> ,A8002A/FC21 42SR	UltraPath	OceanStor S2200T	

6	HP ProLiant Series	SUSE Linux Enterprise Server 10 SP3 for x86_64	<p>Brocade 415<sup>2,3,8</sup>,425<sup>2,3,8</sup>,815<sup>2,3,8</sup>,825<sup>2,3,8</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe111,LP1150,LPe1150,LPe12000<sup>5</sup>,LPe12002<sup>5</sup>,LPe1250<sup>5</sup></p> <p>QLogic QLA2460<sup>4</sup>,QLA2462<sup>4</sup>,QLE2460<sup>4</sup>,QLE2462<sup>4</sup>,QLE2560<sup>4</sup>,QLE2562<sup>4</sup></p> <p>HP AB429A/FC1143<sup>4</sup>,AE369A/FC1243<sup>4</sup>,AE311A/FC1142SR<sup>4</sup>,AE312A/FC1242SR<sup>4</sup>,AD168A/FC2243,AK344A/81Q<sup>4</sup>,AJ764A/82Q<sup>4</sup>,A8002A/FC2142SR,A8003A/FC2242SR,AJ762A/81E<sup>5</sup>,AJ763A/82E<sup>5</sup>,AP767A<sup>2,3,8</sup>,AP768A<sup>2,3,8</sup></p>	UltraPath	OceanStor S2200T	
7	HP ProLiant Series	SUSE Linux Enterprise Server 10 SP4 for x86_64	<p>Brocade 415<sup>3,6,8</sup>,425<sup>3,6,8</sup>,815<sup>2,3,8</sup>,825<sup>2,3,8</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>5</sup>,LPe12002<sup>5</sup>,LPe1250<sup>5</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>HP AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,AK344A/81Q,AJ764A/82Q,AJ762A/81E<sup>5</sup>,AJ763A/82E<sup>5</sup>,AP767A<sup>3,6,8</sup>,AP768A<sup>3,6,8</sup>,AP769A<sup>2,3,8</sup>,AP770A<sup>2,3,8</sup></p>	UltraPath	OceanStor S2200T	
8	HP ProLiant Series	SUSE Linux Enterprise Server 11 for x86_64	<p>Brocade 415<sup>3,6,8</sup>,425<sup>3,6,8</sup>,815<sup>3,6,8</sup>,825<sup>3,6,8</sup></p> <p>Emulex LPe12000<sup>5</sup>,LPe12002<sup>5</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>HP AJ762A/81E<sup>5</sup>,AJ763A/82E<sup>5</sup>,AB429A/</p>	UltraPath	OceanStor S2200T	



			FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,AK344A/81Q,AJ764A/82Q,AP767A <sup>3,6,8</sup> ,AP768A <sup>3,6,8</sup> ,AP769A <sup>3,6,8</sup> ,AP770A <sup>3,6,8</sup>			
9	HP ProLiant Series	SUSE Linux Enterprise Server 11 SP1 for x86_64	<p>ATTO Celerity FC-81EN,FC-82EN</p> <p>Brocade 415<sup>2,3,8</sup>,425<sup>2,3,8</sup>,815<sup>2,3,8</sup>,825<sup>2,3,8</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe111,LPe12000<sup>5</sup>,LPe12002<sup>5</sup>,LPe1250<sup>5</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>HP AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,AK344A/81Q,AJ764A/82Q,AD168A/FC2243,A8003A/FC2242SR,AJ762A/81E<sup>5</sup>,AJ763A/82E<sup>5</sup>,AP767A<sup>2,3,8</sup>,AP768A<sup>2,3,8</sup>,AP769A<sup>2,3,8</sup>,AP770A<sup>2,3,8</sup></p>	UltraPath	OceanStor S2200T	
			<p>Emulex LPe12000<sup>5</sup>,LPe12002<sup>5</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>HP AJ762A/81E<sup>5</sup>,AJ763A/82E<sup>5</sup>,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,AK344A/81Q,AJ764A/82Q</p>	DM-Multipath <sup>9</sup> 10	OceanStor S2200T	
10	HP ProLiant Series	SUSE Linux Enterprise Server 11 SP2 for x86_64	<p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>5</sup>,LPe12002<sup>5</sup></p> <p>QLogic QLE2560,QLE2562,QLA2460,QLA2462,QLE2460,QLE2462</p> <p>HP AB429A/FC1143,AE369A/FC1243,A</p>	UltraPath	OceanStor S2200T	

			E311A/FC1142SR,AE312A/FC1242SR,AK344A/81Q,A8003A/FC2242SR,AD168A/FC2243,AJ764A/82Q,AJ762A/81E <sup>5</sup> ,AJ763A/82E <sup>5</sup>			
11	HP ProLiant Series	SUSE Linux Enterprise Server 11 SP3 for x86_64	Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup>  HP A8003A/FC2242SR,AD168A/FC2243,AJ762A/81E <sup>5</sup> ,AJ763A/82E <sup>5</sup>		OceanStor S2200T	
			QLogic QLE2460,QLE2462,QLE2560,QLE2562  Emulex LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup>  HP AE311A/FC1142SR,AE312A/FC1242SR,AK344A/81Q,AJ764A/82Q,AJ762A/81E <sup>5</sup> ,AJ763A/82E <sup>5</sup>	UltraPath	OceanStor S2200T	
			QLogic QLE2560,QLE2562  HP AK344A/81Q,AJ764A/82Q	DM-Multipath <sup>9</sup> <sub>10</sub>	OceanStor S2200T	
12	HP c7000 BL460c G7	SUSE Linux Enterprise Server 11 SP1 for x86_64	Emulex LPe1205-HP  HP 456972-B21	UltraPath	OceanStor S2200T	
13	HP c7000 BL460c G7	SUSE Linux Enterprise Server 10 SP1 for x86_64	QLogic QMH2462  HP 403619-B21	UltraPath	OceanStor S2200T	

1. HBA driver version is 8.01.07.15.
2. HBA firmware version/driver version is 2.3.0.0.
3. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
4. HBA driver version is 8.02.23.
5. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
6. HBA firmware version/driver version is 3.0.0.0.
7. HBA driver version is 8.2.0.39.
8. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection.The CLI command is:chgpportparam -c controller id -if interface module id -p port id -d 500.
9. For the detail configuration of DM-Multipath,please contact the technical service centre of Huawei Technologies Co., Ltd..
10. The disk storage system must enable ALUA function.

Huawei

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Huawei RH Series	SUSE Linux Enterprise Server 9 SP3 for x86_64	Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe111  QLogic QLA2460,QLA2462,QLE2460 <sup>1</sup> ,QLE 2462 <sup>1</sup>	UltraPath	OceanStor S2200T	
2	Huawei RH Series	SUSE Linux Enterprise Server 9 SP4 for x86_64	Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe1150,LPe111  QLogic QLA2460,QLA2462,QLE2460 <sup>1</sup> ,QLE 2462 <sup>1</sup>	UltraPath	OceanStor S2200T	
3	Huawei RH Series	SUSE Linux Enterprise Server 10 for x86_64	Emulex LP1150,LPe1150	UltraPath	OceanStor S2200T	
4	Huawei RH Series	SUSE Linux Enterprise Server 10 SP1 for x86_64	Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe111,LPe1150,LPe1200 0 <sup>7,5</sup> ,LPe12002 <sup>7,5</sup> ,LPe1250 <sup>7,5</sup>  QLogic QLA2340,QLA2342,QLA2460 <sup>4</sup> ,QLA 2462 <sup>4</sup> ,QLE2460 <sup>4</sup> ,QLE2462 <sup>4</sup>	UltraPath	OceanStor S2200T	
5	Huawei RH Series	SUSE Linux Enterprise Server 10 SP2 for x86_64	Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup> ,815 <sup>2,3,8</sup> ,825 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe111,LPe1150,LPe1200 0 <sup>5</sup> ,LPe12002 <sup>5</sup> ,LPe1250 <sup>5</sup>  QLogic QLA2460 <sup>4</sup> ,QLA2462 <sup>4</sup> ,QLE2460 <sup>4</sup> ,QL E2462 <sup>4</sup> ,QLE2560,QLE2562	UltraPath	OceanStor S2200T	
6	Huawei RH Series	SUSE Linux Enterprise Server 10 SP3 for x86_64	Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup> ,815 <sup>2,3,8</sup> ,825 <sup>2,3,8</sup>	UltraPath	OceanStor S2200T	

			Emulex LP11000,LP11002,LPe11000,LPe11002,LPe111,LP1150,LPe1150,LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup> ,LPe1250 <sup>5</sup>  QLogic QLA2460 <sup>4</sup> ,QLA2462 <sup>4</sup> ,QLE2460 <sup>4</sup> ,QLE2462 <sup>4</sup> ,QLE2560 <sup>4</sup> ,QLE2562 <sup>4</sup>			
7	Huawei RH Series	SUSE Linux Enterprise Server 10 SP4 for x86_64	Brocade 415 <sup>3,6,8</sup> ,425 <sup>3,6,8</sup> ,815 <sup>2,3,8</sup> ,825 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup> ,LPe1250 <sup>5</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	
8	Huawei RH Series	SUSE Linux Enterprise Server 11 for x86_64	Brocade 415 <sup>3,6,8</sup> ,425 <sup>3,6</sup> ,815 <sup>3,6,8</sup> ,825 <sup>3,6,8</sup>  Emulex LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	
9	Huawei RH Series	SUSE Linux Enterprise Server 11 SP1 for x86_64	ATTO Celerity FC-81EN,FC-82EN  Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup> ,815 <sup>2,3,8</sup> ,825 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe111,LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup> ,LPe1250 <sup>5</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	
			Emulex LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	DM-Multipath <sup>9</sup> 10	OceanStor S2200T	
10	Huawei RH Series	SUSE Linux Enterprise Server 11 SP2 for x86_64	Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup>	UltraPath	OceanStor S2200T	

			QLogic QLE2560,QLE2562,QLA2460,QLA2462,QLE2460,QLE2462			
11	Huawei RH Series	SUSE Linux Enterprise Server 11 SP3 for x86_64	Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup>		OceanStor S2200T	
			QLogic QLE2460,QLE2462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	
			Emulex LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup>	DM-Multipath <sup>9</sup> <sub>10</sub>	OceanStor S2200T	
12	Huawei E6000 BH620	SUSE Linux Enterprise Server 10 SP3 for x86_64	Huawei QFMA	UltraPath	OceanStor S2200T	
13	Huawei E6000 BH620	SUSE Linux Enterprise Server 11 SP1 for x86_64	Huawei QFMA	UltraPath	OceanStor S2200T	
14	Huawei E6000 BH622V2	SUSE Linux Enterprise Server 11 SP1 for x86_64	Huawei MU220	UltraPath	OceanStor S2200T	
15	Huawei T8000 BH23	SUSE Linux Enterprise Server 10 SP1 for x86_64	Huawei PFMA,PFMB	UltraPath	OceanStor S2200T	
16	Huawei T8000 BH23	SUSE Linux Enterprise Server 10 SP2 for x86_64	Huawei QFMA,QFMB	UltraPath	OceanStor S2200T	
17	Huawei T8000 BH23	SUSE Linux Enterprise Server 10 SP3 for x86_64	Huawei QFMA,QFMB	UltraPath	OceanStor S2200T	
18	Huawei T8000 BH23	SUSE Linux Enterprise Server 11 SP1 for x86_64	Huawei QFMA <sup>5</sup> ,QFMB	UltraPath	OceanStor S2200T	
19	Huawei T8000 BH25	SUSE Linux Enterprise Server 10 SP4 for x86_64	Huawei EFMA,EFMB	UltraPath	OceanStor S2200T	
20	Huawei T8000 BH25	SUSE Linux Enterprise Server 11 SP1 for x86_64	Huawei EFMA,EFMB,QFMA,QFMB	UltraPath	OceanStor S2200T	
21	Huawei E9000 CH121	SUSE Linux Enterprise Server 11 SP1 for x86_64	Huawei MZ910	UltraPath	OceanStor S2200T	
22	Huawei E9000 CH121	SUSE Linux Enterprise Server 11 SP2 for x86_64	Huawei MZ510	UltraPath	OceanStor S2200T	
23	Huawei T8000 BH25	SUSE Linux Enterprise Server 11 SP3 for x86_64	Huawei EFMB	UltraPath	OceanStor S2200T	

1. HBA driver version is 8.01.07.15.
2. HBA firmware version/driver version is 2.3.0.0.
3. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
4. HBA driver version is 8.02.23.
5. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.

6. HBA firmware version/driver version is 3.0.0.0.
7. HBA driver version is 8.2.0.39.
8. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection. The CLI command is: `chgpportparam -c controller id -if interface module id -p port id -d 500`.
9. For the detail configuration of DM-Multipath, please contact the technical service centre of Huawei Technologies Co., Ltd..
10. The disk storage system must enable ALUA function.

## IBM

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	IBM xSeries	SUSE Linux Enterprise Server 9 SP3 for x86_64	Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111  QLogic QLA2460 <sup>1</sup> ,QLA2462 <sup>1</sup> ,QLE2460 <sup>1</sup> ,QLE2462 <sup>1</sup>  IBM 39M5894 <sup>1</sup> ,39M5895 <sup>1</sup> ,39R6525 <sup>1</sup> ,39R6527 <sup>1</sup> ,42D0405,42D0407,42C2069,42C2071,59Y1987 <sup>2,3,8</sup> ,59Y1993 <sup>2,3,8</sup>	UltraPath	OceanStor S2200T	
2	IBM xSeries	SUSE Linux Enterprise Server 9 SP4 for x86_64	Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe111  QLogic QLA2460 <sup>1</sup> ,QLA2462 <sup>1</sup> ,QLE2460 <sup>1</sup> ,QLE2462 <sup>1</sup>  IBM 39M5894 <sup>1</sup> ,39M5895 <sup>1</sup> ,39R6525 <sup>1</sup> ,39R6527 <sup>1</sup> ,42D0405,42D0407,42C2069,42C2071,59Y1987 <sup>2,3,8</sup> ,59Y1993 <sup>2,3,8</sup>	UltraPath	OceanStor S2200T	
3	IBM xSeries	SUSE Linux Enterprise Server 10 for x86_64	Emulex LP1150, LPe1150	UltraPath	OceanStor S2200T	
4	IBM xSeries	SUSE Linux Enterprise Server 10 SP1 for x86_64	Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,	UltraPath	OceanStor S2200T	

			<p>LPe11002,LPe1111,LPe1150,LPe12000<sup>7.5</sup>,LPe12002<sup>7.5</sup>,LPe1250<sup>7.5</sup></p> <p>QLogic QLA2340,QLA2342,QLA2460<sup>4</sup>,QLA2462<sup>4</sup>,QLE2460<sup>4</sup>,QLE2462<sup>4</sup></p> <p>IBM 39M5894<sup>4</sup>,39M5895<sup>4</sup>,39R6525<sup>4</sup>,39R6527<sup>4</sup>,42D0405,42D0407,42C2069,42C2071,42D0485<sup>7.5</sup>,42D0494<sup>7.5</sup>,59Y1987<sup>2.3.8</sup>,59Y1993<sup>2.3.8</sup></p>			
5	IBM xSeries	SUSE Linux Enterprise Server 10 SP2 for x86_64	<p>Brocade 415<sup>2.3.8</sup>,425<sup>2.3.8</sup>,815<sup>2.3.8</sup>,825<sup>2.3.8</sup></p> <p>Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1111,LPe1150,LPe12000<sup>5</sup>,LPe12002<sup>5</sup>,LPe1250<sup>5</sup></p> <p>QLogic QLA2460<sup>4</sup>,QLA2462<sup>4</sup>,QLE2460<sup>4</sup>,QLE2462<sup>4</sup>,QLE2560,QLE2562</p> <p>IBM 39M5894<sup>4</sup>,39M5895<sup>4</sup>,39R6525<sup>4</sup>,39R6527<sup>4</sup>,42D0501,42D0510,42D0405,42D0407,42C2069,42C2071,42D0485<sup>5</sup>,42D0494<sup>5</sup>,59Y1987<sup>2.3.8</sup>,59Y1993<sup>2.3.8</sup>,46M6049<sup>2.3.8</sup>,46M6050<sup>2.3.8</sup></p>	UltraPath	OceanStor S2200T	
6	IBM xSeries	SUSE Linux Enterprise Server 10 SP3 for x86_64	<p>Brocade 415<sup>2.3.8</sup>,425<sup>2.3.8</sup>,815<sup>2.3.8</sup>,825<sup>2.3.8</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe1111,LP1150,LPe1150,LPe12000<sup>5</sup>,LPe12002<sup>5</sup>,LPe1250<sup>5</sup></p> <p>QLogic QLA2460<sup>4</sup>,QLA2462<sup>4</sup>,QLE2460<sup>4</sup>,QLE2462<sup>4</sup>,QLE2560<sup>4</sup>,QLE2562<sup>4</sup></p> <p>IBM 39M5894<sup>4</sup>,39M5895<sup>4</sup>,39R6525<sup>4</sup>,39R6527<sup>4</sup>,42D0501<sup>4</sup>,42D0510<sup>4</sup>,42D0405,42D0407,42C2069,42C2071,42D0485<sup>5</sup></p>	UltraPath	OceanStor S2200T	

			,42D0494 <sup>5</sup> ,59Y1987 <sup>2,3,8</sup> ,59Y1993 <sup>2,3,8</sup> ,46M6049 <sup>2,3,8</sup> ,46M6050 <sup>2,3,8</sup>			
7	IBM xSeries	SUSE Linux Enterprise Server 10 SP4 for x86_64	<p>Brocade 415<sup>3,6,8</sup>,425<sup>3,6,8</sup>,815<sup>2,3,8</sup>,825<sup>2,3,8</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>5</sup>,LPe12002<sup>5</sup>,LPe1250<sup>5</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>IBM 39M5894,39M5895,39R6525,39R6527,42D0485<sup>5</sup>,42D0494<sup>5</sup>,59Y1987<sup>3,6,8</sup>,59Y1993<sup>3,6,8</sup>,46M6049<sup>2,3,8</sup>,46M6050<sup>2,3,8</sup></p>	UltraPath	OceanStor S2200T	
8	IBM xSeries	SUSE Linux Enterprise Server 11 for x86_64	<p>Brocade 415<sup>3,6,8</sup>,425<sup>3,6,8</sup>,815<sup>3,6,8</sup>,825<sup>3,6,8</sup></p> <p>Emulex LPe12000<sup>5</sup>,LPe12002<sup>5</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>IBM 42D0485<sup>5</sup>,42D0494<sup>5</sup>,39M5894,39M5895,39R6525,39R6527,42D0501,42D0510,59Y1987<sup>3,6,8</sup>,59Y1993<sup>3,6,8</sup>,46M6049<sup>3,6,8</sup>,46M6050<sup>3,6,8</sup></p>	UltraPath	OceanStor S2200T	
9	IBM xSeries	SUSE Linux Enterprise Server 11 SP1 for x86_64	<p>ATTO Celerity FC-81EN,FC-82EN</p> <p>Brocade 415<sup>2,3,8</sup>,425<sup>2,3,8</sup>,815<sup>2,3,8</sup>,825<sup>2,3,8</sup></p> <p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe1111,LPe12000<sup>5</sup>,LPe12002<sup>5</sup>,LPe1250<sup>5</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>IBM 39M5894,39M5895,39R6525,39R6527</p>	UltraPath	OceanStor S2200T	



			7,42D0501,42D0510,42D0405,42D0407,42C2069,42C2071,42D0485 <sup>5</sup> ,42D0494 <sup>5</sup> ,59Y1987 <sup>3,6,8</sup> ,59Y1993 <sup>3,6,8</sup> ,46M6049 <sup>2,3,8</sup> ,46M6050 <sup>2,3,8</sup>			
			Emulex LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562  IBM 39M5894,39M5895,39R6525,39R6527,42D0501,42D0510,42D0485 <sup>5</sup> ,42D0494 <sup>5</sup>	DM-Multipath <sup>9</sup>  10	OceanStor S2200T	
10	IBM xSeries	SUSE Linux Enterprise Server 11 SP2 for x86_64	Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup>  QLogic QLE2560,QLE2562,QLA2460,QLA2462,QLE2460,QLE2462  IBM 39M5894,39M5895,39R6525,39R6527,42D0501,42D0510,42C2071,42D0405,42D0407,42D0485 <sup>5</sup> ,42D0494 <sup>5</sup>	UltraPath	OceanStor S2200T	
11	IBM xSeries	SUSE Linux Enterprise Server 11 SP3 for x86_64	Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup>  IBM 42C2071,42D0405,42D0407,42D0485 <sup>5</sup> ,42D0494 <sup>5</sup>		OceanStor S2200T	
			QLogic QLE2460,QLE2462,QLE2560,QLE2562  Emulex LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup>  IBM 39R6525,39R6527,42D0501,42D0510,42D0485 <sup>5</sup> ,42D0494 <sup>5</sup>	UltraPath	OceanStor S2200T	
			QLogic QLE2560,QLE2562  IBM 42D0501,42D0510	DM-Multipath <sup>9</sup>  10	OceanStor S2200T	
12	IBM HS22	SUSE Linux Enterprise Server 11	Emulex LPe1205	UltraPath	OceanStor S2200T	

		for x86_64				
--	--	------------	--	--	--	--

- HBA driver version is 8.01.07.15.
- HBA firmware version/driver version is 2.3.0.0.
- It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
- HBA driver version is 8.02.23.
- It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
- HBA firmware version/driver version is 3.0.0.0.
- HBA driver version is 8.2.0.39.
- The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection.The CLI command is:chgpportparam -c controller id -if interface module id -p port id -d 500.
- For the detail configuration of DM-Multipath,please contact the technical service centre of Huawei Technologies Co., Ltd..
- The disk storage system must enable ALUA function.

### Oracle Sun

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Oracle Sun x86 Systems	SUSE Linux Enterprise Server 9 SP3 for x86_64	Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111  QLogic QLA2460 <sup>1</sup> ,QLA2462 <sup>1</sup> ,QLE2460 <sup>1</sup> ,QLE2462 <sup>1</sup>	UltraPath	OceanStor S2200T	
2	Oracle Sun x86 Systems	SUSE Linux Enterprise Server 9 SP4 for x86_64	Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1150,LPe1111  QLogic QLA2460 <sup>1</sup> ,QLA2462 <sup>1</sup> ,QLE2460 <sup>1</sup> ,QLE2462 <sup>1</sup>	UltraPath	OceanStor S2200T	
3	Oracle Sun x86 Systems	SUSE Linux Enterprise Server 10 for x86_64	Emulex LP1150,LPe1150	UltraPath	OceanStor S2200T	
4	Oracle Sun x86 Systems	SUSE Linux Enterprise Server 10 SP1 for x86_64	Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1111,LPe1150,LPe12000 <sup>7,5</sup> ,LPe12002 <sup>7,5</sup> ,LPe1250 <sup>7,5</sup>  QLogic	UltraPath	OceanStor S2200T	

			QLA2340,QLA2342,QLA2460 <sup>4</sup> ,QLA2462 <sup>4</sup> ,QLE2460 <sup>4</sup> ,QLE2462 <sup>4</sup>			
5	Oracle Sun x86 Systems	SUSE Linux Enterprise Server 10 SP2 for x86_64	Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup> ,815 <sup>2,3,8</sup> ,825 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LP1150,LPe11000,LPe11002,LPe1111,LPe1150,LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup> ,LPe1250 <sup>5</sup>  QLogic QLA2460 <sup>4</sup> ,QLA2462 <sup>4</sup> ,QLE2460 <sup>4</sup> ,QLE2462 <sup>4</sup> ,QLE2560,QLE2562	UltraPath	OceanStor S2200T	
6	Oracle Sun x86 Systems	SUSE Linux Enterprise Server 10 SP3 for x86_64	Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup> ,815 <sup>2,3,8</sup> ,825 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe1111,LP1150,LPe1150,LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup> ,LPe1250 <sup>5</sup>  QLogic QLA2460 <sup>4</sup> ,QLA2462 <sup>4</sup> ,QLE2460 <sup>4</sup> ,QLE2462 <sup>4</sup> ,QLE2560 <sup>4</sup> ,QLE2562 <sup>4</sup>	UltraPath	OceanStor S2200T	
7	Oracle Sun x86 Systems	SUSE Linux Enterprise Server 10 SP4 for x86_64	Brocade 415 <sup>3,6,8</sup> ,425 <sup>3,6,8</sup> ,815 <sup>2,3,8</sup> ,825 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup> ,LPe1250 <sup>5</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	
8	Oracle Sun x86 Systems	SUSE Linux Enterprise Server 11 for x86_64	Brocade 415 <sup>3,6,8</sup> ,425 <sup>3,6,8</sup> ,815 <sup>3,6,8</sup> ,825 <sup>3,6,8</sup>  Emulex LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	
9	Oracle Sun x86 Systems	SUSE Linux Enterprise Server 11 SP1 for x86_64	ATTO Celerity FC-81EN,FC-82EN  Brocade 415 <sup>2,3,8</sup> ,425 <sup>2,3,8</sup> ,815 <sup>2,3,8</sup> ,825 <sup>2,3,8</sup>  Emulex LP11000,LP11002,LPe11000,LPe1100	UltraPath	OceanStor S2200T	

			02,LPe111,LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup> ,LPe1250 <sup>5</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562			
			Emulex LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	DM-Multipath <sup>9</sup> <sub>10</sub>	OceanStor S2200T	
10	Oracle Sun x86 Systems	SUSE Linux Enterprise Server 11 SP2 for x86_64	Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup>  QLogic QLE2560,QLE2562,QLA2460,QLA2462,QLE2460,QLE2462	UltraPath	OceanStor S2200T	
11	Oracle Sun x86 Systems	SUSE Linux Enterprise Server 11 SP3 for x86_64	Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup>  QLogic QLE2460,QLE2462,QLE2560,QLE2562  Emulex LPe12000 <sup>5</sup> ,LPe12002 <sup>5</sup>  QLogic QLE2560,QLE2562	UltraPath   DM-Multipath <sup>9</sup> <sub>10</sub>	OceanStor S2200T   OceanStor S2200T  OceanStor S2200T	

- HBA driver version is 8.01.07.15.
- HBA firmware version/driver version is 2.3.0.0.
- It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
- HBA driver version is 8.02.23.
- It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
- HBA firmware version/driver version is 3.0.0.0.
- HBA driver version is 8.2.0.39.
- The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection.The CLI command is:chgpportparam -c controller id -if interface module id -p port id -d 500.
- For the detail configuration of DM-Multipath,please contact the technical service centre of Huawei Technologies Co., Ltd..
- The disk storage system must enable ALUA function.

### Sugon

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Sugon I420-r	SUSE Linux Enterprise Server 10	QLogic	UltraPath	OceanStor S2200T	

		SP4 for x86_64	QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562			
2	Sugon I420-r	SUSE Linux Enterprise Server 11 SP1 for x86_64	Emulex LP11000,LP11002,LP1150,LPe11000, LPe11002,LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup> ,LPe 1150  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	UltraPath	OceanStor S2200T	

1. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.

## SUSE Itanium

### HP

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	HP Integrity RX Series	SUSE Linux Enterprise Server 10 SP3 for Itanium	HP AD355A	UltraPath	OceanStor S2200T	
2	HP Integrity RX Series	SUSE Linux Enterprise Server 10 for Itanium	LSI 7204EP		OceanStor S2200T	

## Ubuntu x86

### Cisco

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Cisco UCS C210 M2	Ubuntu 12.04 LTS for x86	Emulex LPe12000 <sup>3</sup> LPe12002 <sup>3</sup>  QLogic QLE2460,QLE2462	DM-Multipath <sup>1</sup>	OceanStor S2200T	See <sup>2</sup>

1. For the detail configuration of DM-Multipath , please contact the technical service centre of Huawei Technologies Co., Ltd..
2. The disk storage system must enable ALUA function.
3. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.

### Huawei

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Huawei RH2288	Ubuntu 10.04 LTS for x86	QLogic QLE2560,QLE2562	DM-Multipath <sup>1</sup>	OceanStor S2200T	See <sup>2</sup>

1. For the detail configuration of DM-Multipath , please contact the technical service centre of Huawei Technologies Co., Ltd..
2. The disk storage system must enable ALUA function.

### HP

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
-----	--------------	------------------	------------------	--------------------	---------------------	-------

1	HP ProLiant DL380 G7	Ubuntu 10.04 LTS for x86	QLogic QLA2460,QLA2462,QLE2460,QLE2462		OceanStor S2200T	See <sup>1</sup>
2	HP ProLiant DL380 G7	Ubuntu 11.10 for x86	QLogic QLA2460,QLA2462,QLE2460,QLE2462		OceanStor S2200T	See <sup>1</sup>
3	HP ProLiant DL380 G7	Ubuntu 12.04 LTS for x86	QLogic QLE2560,QLE2562	DM-Multipath <sup>2</sup>	OceanStor S2200T	See <sup>3</sup>

1. Without MultiPath Software.
2. For the detail configuration of DM-Multipath, please contact the technical service centre of Huawei Technologies Co., Ltd..
3. The disk storage system must enable ALUA function.

## Ubuntu x86\_64

### Cisco

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Cisco UCS C210 M2	Ubuntu 12.04 LTS for x86_64	Emulex LPe12000 <sup>3</sup> LPe12002 <sup>3</sup>  QLogic QLE2460,QLE2462	DM-Multipath <sup>1</sup>	OceanStor S2200T	See <sup>2</sup>

1. For the detail configuration of DM-Multipath , please contact the technical service centre of Huawei Technologies Co., Ltd..
2. The disk storage system must enable ALUA function.
3. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.

### Huawei

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Huawei RH2288	Ubuntu 10.04 LTS for x86_64	QLogic QLE2560,QLE2562	DM-Multipath <sup>1</sup>	OceanStor S2200T	See <sup>2</sup>

1. For the detail configuration of DM-Multipath , please contact the technical service centre of Huawei Technologies Co., Ltd..
2. The disk storage system must enable ALUA function.

### HP

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	HP ProLiant DL380 G7	Ubuntu 10.04 LTS for x86_64	QLogic QLA2460,QLA2462,QLE2460,QLE2462		OceanStor S2200T	See <sup>1</sup>
2	HP ProLiant DL380 G7	Ubuntu 11.10 for x86_64	QLogic QLA2460,QLA2462,QLE2460,QLE2462		OceanStor S2200T	See <sup>1</sup>
3	HP ProLiant DL380 G7	Ubuntu 12.04 LTS for x86_64	QLogic QLE2560,QLE2562	DM-Multipath <sup>2</sup>	OceanStor S2200T	See <sup>3</sup>

1. Without MultiPath Software.
2. For the detail configuration of DM-Multipath, please contact the technical service centre of Huawei Technologies Co., Ltd..

- The disk storage system must enable ALUA function.

## Virtualization

### Citrix XenServer

#### Cisco

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Cisco UCS C210 M2	XenServer 6.0	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>	DM-Multipath	OceanStor S2200T	See <sup>2,3,4</sup>

- It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
- It is required to restart the XenServer when the connection between XenServer and storage system is recovered after a discontinuity.
- The disk storage system must enable ALUA function.
- For the detail configuration of DM-Multipath, please contact the technical service centre of Huawei Technologies Co., Ltd..

#### Dell

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Dell PowerEdge Series	XenServer 5.5	QLogic QLA2460,QLA2462,QLE2460,QLE2 462  Dell PF323,FH590,DH226,FF340	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>
2	Dell PowerEdge Series	XenServer 5.6	Emulex LPe111	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>
3	Dell PowerEdge Series	XenServer 5.6 Feature Pack 1	Brocade 415 <sup>2,4</sup> ,425 <sup>2,4</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2 462  Emulex LP11000,LP11002,LPe11000,LPe110 02  Dell PF323,FH590,DH226,FF340,LPe110 02-E	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>
4	Dell PowerEdge Series	XenServer 5.6 SP2	Brocade 415 <sup>2,4</sup> ,425 <sup>2,4</sup>  Emulex LP11000,LP11002,LPe11000,LPe110 02	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>

			QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562  Dell PF323,FH590,DH226,FF340,F641C,H144C,LPe11002-E			
5	Dell PowerEdge Series	XenServer 6.0	Brocade 415 <sup>2,4</sup> ,425 <sup>2,4</sup> ,815 <sup>2,4</sup> ,825 <sup>2,4</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000 <sup>3</sup> ,LPe12002 <sup>3</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562  Dell BR815 <sup>2,4</sup> ,BR825 <sup>2,4</sup> ,PF323,FH590,DH226,FF340,F641C,H144C,LPe11002-E,LPe12000-E <sup>3</sup> ,LPe12002-E <sup>3</sup>	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>
6	Dell PowerEdge Series	XenServer 6.0.2	Emulex LPe12000 <sup>3</sup> ,LPe12002 <sup>3</sup>  Dell LPe12000-E <sup>3</sup> ,LPe12002-E <sup>3</sup>	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>
7	Dell PowerEdge Series	XenServer 6.1	Emulex LPe12000 <sup>3</sup> ,LPe12002 <sup>3</sup>  QLogic QLE2560,QLE2562  Dell F641C,H144C,LPe12000-E <sup>3</sup> ,LPe12002-E <sup>3</sup>	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>
8	Dell PowerEdge Series	XenServer 6.2	Emulex LPe12000 <sup>3</sup> ,LPe12002 <sup>3</sup>  Dell LPe12000-E <sup>3</sup> ,LPe12002-E <sup>3</sup>	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>

1. It is required to restart the XenServer when the connection between XenServer and storage system is recovered after a discontinuity.
2. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
3. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
4. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection.The CLI command is:chgpportparam -c controller id -if interface module id -p port id -d 500.
5. The disk storage system must enable ALUA function.
6. For the detail configuration of DM-Multipath,please contact the technical service centre of Huawei Technologies Co., Ltd..



NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	HP ProLiant Series	XenServer 5.5	QLogic QLA2460,QLA2462,QLE2460,QLE2462  HP AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>
2	HP ProLiant Series	XenServer 5.6	Emulex LPe111	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>
3	HP ProLiant Series	XenServer 5.6 Feature Pack 1	Brocade 415 <sup>2,4</sup> ,425 <sup>2,4</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462  Emulex LP11000,LP11002,LPe11000,LPe11002  HP AP767A <sup>2,4</sup> ,AP768A <sup>2,4</sup> ,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,AD168A/FC2243,A8003A/FC2242SR	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>
4	HP ProLiant Series	XenServer 5.6 SP2	Brocade 415 <sup>2,4</sup> ,425 <sup>2,4</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562  HP AP767A <sup>2,4</sup> ,AP768A <sup>2,4</sup> ,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,AD168A/FC2243,A8003A/FC2242SR,AK344A/81Q,AJ764A/82Q	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>
5	HP ProLiant	XenServer 6.0	Brocade 415 <sup>2,4</sup> ,425 <sup>2,4</sup> ,815 <sup>2,4</sup> ,825 <sup>2,4</sup>	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>

	Series		<p>Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>3</sup>,LPe12002<sup>3</sup></p> <p>QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>HP AP767A<sup>2,4</sup>,AP768A<sup>2,4</sup>,AP769A<sup>2,4</sup>,AP770A<sup>2,4</sup>,AB429A/FC1143,AE369A/FC1243,AE311A/FC1142SR,AE312A/FC1242SR,AK344A/81Q,AJ764A/82Q,AD168A/FC2243,A8003A/FC2242SR,AJ762A/81E<sup>3</sup>,AJ763A/82E<sup>3</sup></p>			
6	HP ProLiant Series	XenServer 6.0.2	<p>Emulex LPe12000<sup>3</sup>,LPe12002<sup>3</sup></p> <p>HP AJ762A/81E<sup>3</sup>,AJ763A/82E<sup>3</sup></p>	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>
7	HP ProLiant Series	XenServer 6.1	<p>Emulex LPe12000<sup>3</sup>,LPe12002<sup>3</sup></p> <p>QLogic QLE2560,QLE2562</p> <p>HP AK344A/81Q,AJ764A/82Q,AJ762A/81E<sup>3</sup>,AJ763A/82E<sup>3</sup></p>	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>
8	HP ProLiant Series	XenServer 6.2	<p>Emulex LPe12000<sup>3</sup>,LPe12002<sup>3</sup></p> <p>HP AJ762A/81E<sup>3</sup>,AJ763A/82E<sup>3</sup></p>	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>
9	HP c7000 BL460c G7	XenServer 6.1	<p>QLogic QMH2562</p> <p>HP 451871-B21</p>	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>

1. It is required to restart the XenServer when the connection between XenServer and storage system is recovered after a discontinuity.
2. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
3. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
4. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection.The CLI command is:chgpportparam -c controller id -if interface module id -p port id -d 500.
5. The disk storage system must enable ALUA function.
6. For the detail configuration of DM-Multipath,please contact the technical service centre of Huawei Technologies Co., Ltd..

## Huawei

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Huawei RH	XenServer 5.5	QLogic	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>

	Series		QLA2460,QLA2462,QLE2460,QLE2462			
2	Huawei RH Series	XenServer 5.6	Emulex LPe111	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>
3	Huawei RH Series	XenServer 5.6 Feature Pack 1	Brocade 415 <sup>2,4</sup> ,425 <sup>2,4</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462  Emulex LP11000,LP11002,LPe11000,LPe11002	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>
4	Huawei RH Series	XenServer 5.6 SP2	Brocade 415 <sup>2,4</sup> ,425 <sup>2,4</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>
5	Huawei RH Series	XenServer 6.0	Brocade 415 <sup>2,4</sup> ,425 <sup>2,4</sup> ,815 <sup>2,4</sup> ,825 <sup>2,4</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000 <sup>3</sup> ,LPe12002 <sup>3</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>
6	Huawei RH Series	XenServer 6.0.2	Emulex LPe12000 <sup>3</sup> ,LPe12002 <sup>3</sup>	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>
7	Huawei RH Series	XenServer 6.1	Emulex LPe12000 <sup>3</sup> ,LPe12002 <sup>3</sup>  QLogic QLE2560,QLE2562	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>
8	Huawei RH Series	XenServer 6.2	Emulex LPe12000 <sup>3</sup> ,LPe12002 <sup>3</sup>	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>
9	Huawei T8000 BH23	XenServer 5.6 SP2	Huawei QFMA	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>
10	Huawei E6000 BH620V2	XenServer 5.6	Huawei MU220	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>
11	Huawei	XenServer 6.0	Huawei MU220	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>

	E6000 BH620V2					
--	------------------	--	--	--	--	--

1. It is required to restart the XenServer when the connection between XenServer and storage system is recovered after a discontinuity.
2. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
3. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
4. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection. The CLI command is: `chgpportparam -c controller id -if interface module id -p port id -d 500`.
5. The disk storage system must enable ALUA function.
6. For the detail configuration of DM-Multipath, please contact the technical service centre of Huawei Technologies Co., Ltd..

## IBM

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	IBM xSeries	XenServer 5.5	QLogic QLA2460,QLA2462,QLE2460,QLE2462  IBM 39M5894,39M5895,39R6525,39R6527	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>
2	IBM xSeries	XenServer 5.6	Emulex LPe111	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>
3	IBM xSeries	XenServer 5.6 Feature Pack 1	Brocade 415 <sup>2,4</sup> ,425 <sup>2,4</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462  Emulex LP11000,LP11002,LPe11000,LPe11002  IBM 59Y1987 <sup>2,4</sup> ,59Y1993 <sup>2,4</sup> ,39M5894,39M5895,39R6525,39R6527,42D0405,42D0407,42C2069,42C2071	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>
4	IBM xSeries	XenServer 5.6 SP2	Brocade 415 <sup>2,4</sup> ,425 <sup>2,4</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>

			<p>IBM</p> <p>59Y1987<sup>2,4</sup>,59Y1993<sup>2,4</sup>,42D0405,42D0407,42C2069,42C2071,39M5894,39M5895,39R6525,39R6527,42D0501,42D0510</p>			
5	IBM xSeries	XenServer 6.0	<p>Brocade 415<sup>2,4</sup>,425<sup>2,4</sup>,815<sup>2,4</sup>,825<sup>2,4</sup></p> <p>Emulex</p> <p>LP11000,LP11002,LPe11000,LPe11002,LPe12000<sup>3</sup>,LPe12002<sup>3</sup></p> <p>QLogic</p> <p>QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562</p> <p>IBM</p> <p>59Y1987<sup>2,4</sup>,59Y1993<sup>2,4</sup>,46M6049<sup>2,4</sup>,46M6050<sup>2,4</sup>,39M5894,39M5895,39R6525,39R6527,42D0501,42D0510,42D0405,42D0407,42C2069,42C2071,42D0485<sup>3</sup>,42D0494<sup>3</sup></p>	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>
6	IBM xSeries	XenServer 6.0.2	<p>Emulex LPe12000<sup>3</sup>,LPe12002<sup>3</sup></p> <p>IBM 42D0485<sup>3</sup>,42D0494<sup>3</sup></p>	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>
7	IBM xSeries	XenServer 6.1	<p>Emulex LPe12000<sup>3</sup>,LPe12002<sup>3</sup></p> <p>QLogic QLE2560,QLE2562</p> <p>IBM</p> <p>42D0501,42D0510,42D0485<sup>3</sup>,42D0494<sup>3</sup></p>	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>
8	IBM xSeries	XenServer 6.2	<p>Emulex LPe12000<sup>3</sup>,LPe12002<sup>3</sup></p> <p>IBM 42D0485<sup>3</sup>,42D0494<sup>3</sup></p>	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>

1. It is required to restart the XenServer when the connection between XenServer and storage system is recovered after a discontinuity.
2. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
3. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
4. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection.The CLI command is:chgpportparam -c controller id -if interface module id -p port id -d 500.
5. The disk storage system must enable ALUA function.
6. For the detail configuration of DM-Multipath,please contact the technical service centre of Huawei Technologies Co., Ltd..

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Oracle Sun x86 Systems	XenServer 5.5	QLogic QLA2460,QLA2462,QLE2460,QLE2462	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>
2	Oracle Sun x86 Systems	XenServer 5.6	Emulex LPe111	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>
3	Oracle Sun x86 Systems	XenServer 5.6 Feature Pack 1	Brocade 415 <sup>2,4</sup> ,425 <sup>2,4</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462  Emulex LP11000,LP11002,LPe11000,LPe11002	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>
4	Oracle Sun x86 Systems	XenServer 5.6 SP2	Brocade 415 <sup>2,4</sup> ,425 <sup>2,4</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>
5	Oracle Sun x86 Systems	XenServer 6.0	Brocade 415 <sup>2,4</sup> ,425 <sup>2,4</sup> ,815 <sup>2,4</sup> ,825 <sup>2,4</sup>  Emulex LP11000,LP11002,LPe11000,LPe11002,LPe12000 <sup>3</sup> ,LPe12002 <sup>3</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>
6	Oracle Sun x86 Systems	XenServer 6.0.2	Emulex LPe12000 <sup>3</sup> ,LPe12002 <sup>3</sup>	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>
7	Oracle Sun x86 Systems	XenServer 6.1	Emulex LPe12000 <sup>3</sup> ,LPe12002 <sup>3</sup>  QLogic QLE2560,QLE2562	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>
8	Oracle Sun x86 Systems	XenServer 6.2	Emulex LPe12000 <sup>3</sup> ,LPe12002 <sup>3</sup>	DM-Multipath	OceanStor S2200T	See <sup>1,5,6</sup>

1. It is required to restart the XenServer when the connection between XenServer and storage system is recovered after a discontinuity.
2. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
3. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.

4. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection. The CLI command is: `chgpportparam -c controller id -if interface module id -p port id -d 500`.
5. The disk storage system must enable ALUA function.
6. For the detail configuration of DM-Multipath, please contact the technical service centre of Huawei Technologies Co., Ltd..

## FusionSphere

### HP

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	HP c7000 BL460c G7	FusionSphere V100R003C10	Emulex LPe1205-HP <sup>1</sup>  QLogic QMH2562  HP 456972-B21 <sup>1</sup> ,451871-B21	UltraPath	OceanStor S2200T	
2	HP c7000 BL460c G7	FusionSphere V100R003C10	Emulex LPe1205-HP  QLogic QMH2562  HP 456972-B21 <sup>1</sup> ,451871-B21	UltraPath	OceanStor S2200T	

1. HBA driver version is 8.3.7.18.

### Huawei

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Huawei E6000 BH622V2	FusionSphere V100R003C00	Huawei MU220 <sup>1</sup>	UltraPath	OceanStor S2200T	
2	Huawei E6000 BH622V2	FusionSphere V100R003C10	Huawei MU220	UltraPath	OceanStor S2200T	
3	Huawei E9000 CH121	FusionSphere V100R003C00	Huawei MZ510 <sup>1</sup>	UltraPath	OceanStor S2200T	
4	Huawei E9000 CH121	FusionSphere V100R003C10	Huawei MZ510	UltraPath	OceanStor S2200T	
5	Huawei E9000 CH121	FusionSphere V100R003C00	Huawei MZ910 <sup>1</sup>	UltraPath	OceanStor S2200T	
6	Huawei E9000 CH121	FusionSphere V100R003C10	Huawei MZ910	UltraPath	OceanStor S2200T	
7	Huawei RH Series	FusionSphere V100R003C00	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>	UltraPath	OceanStor S2200T	
8	Huawei RH Series	FusionSphere V100R003C10	Emulex LPe12000,LPe12002	UltraPath	OceanStor S2200T	
9	Huawei E9000 CH121	FusionSphere V100R005C00	Huawei MZ910	UltraPath	OceanStor S2200T	

- HBA driver version is 8.3.7.18.

## IBM

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	IBM HS22	FusionSphere V100R003C00	Emulex LPe1205 <sup>1</sup>	UltraPath	OceanStor S2200T	
2	IBM HS22	FusionSphere V100R003C10	Emulex LPe1205	UltraPath	OceanStor S2200T	

- HBA driver version is 8.3.7.18.

## Hyper-V

### Dell

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Dell PowerEdge Series	Microsoft Windows Server 2008 R2 Enterprise x64 Edition with Hyper-V	QLogic QLA2300	UltraPath	OceanStor S2200T	
2	Dell PowerEdge Series	Microsoft Windows Server 2008 R2 Enterprise x64 Edition SP1 with Hyper-V	QLogic QLE2560,QLE2562  Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  Dell F641C,H144C,LPe12000-E <sup>1</sup> ,LPe12002-E <sup>1</sup>	UltraPath	OceanStor S2200T	
3	Dell PowerEdge Series	Microsoft Windows Server 2012 Datacenter x64 Edition with Hyper-V	QLogic QLE2560,QLE2562  Dell F641C,H144C	UltraPath	OceanStor S2200T	
4	Dell PowerEdge Series	Microsoft Windows Server 2012 R2 Standard x64 Edition with Hyper-V	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  Dell LPe12000-E <sup>1</sup> ,LPe12002-E <sup>1</sup>	UltraPath	OceanStor S2200T	

- It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.

## HP

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	HP ProLiant Series	Microsoft Windows Server 2008 R2 Enterprise x64 Edition with Hyper-V	QLogic QLA2300	UltraPath	OceanStor S2200T	
2	HP ProLiant Series	Microsoft Windows Server 2008 R2 Enterprise x64 Edition SP1 with Hyper-V	QLogic QLE2560,QLE2562  Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  HP AK344A/81Q,AJ764A/82Q,AJ762A/ 81E <sup>1</sup> ,AJ763A/82E <sup>1</sup>	UltraPath	OceanStor S2200T	



3	HP ProLiant Series	Microsoft Windows Server 2012 Datacenter x64 Edition with Hyper-V	QLogic QLE2560,QLE2562 HP AK344A/81Q,AJ764A/82Q	UltraPath	OceanStor S2200T	
4	Huawei RH Series	Microsoft Windows Server 2012 R2 Standard x64 Edition with Hyper-V	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup> HP AJ762A/81E <sup>1</sup> ,AJ763A/82E <sup>1</sup>	UltraPath	OceanStor S2200T	

1. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.

### Huawei

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Huawei RH Series	Microsoft Windows Server 2008 R2 Enterprise x64 Edition with Hyper-V	QLogic QLA2300	UltraPath	OceanStor S2200T	
2	Huawei RH Series	Microsoft Windows Server 2008 R2 Enterprise x64 Edition SP1 with Hyper-V	QLogic QLE2560,QLE2562 Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>	UltraPath	OceanStor S2200T	
3	Huawei RH Series	Microsoft Windows Server 2012 Datacenter x64 Edition with Hyper-V	QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	
4	Huawei RH Series	Microsoft Windows Server 2012 R2 Standard x64 Edition with Hyper-V	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>	UltraPath	OceanStor S2200T	

1. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.

### IBM

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	IBM xSeries	Microsoft Windows Server 2008 R2 Enterprise x64 Edition with Hyper-V	QLogic QLA2300	UltraPath	OceanStor S2200T	
2	IBM xSeries	Microsoft Windows Server 2008 R2 Enterprise x64 Edition SP1 with Hyper-V	QLogic QLE2560,QLE2562 Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  IBM 42D0501,42D0510,42D0485 <sup>1</sup> ,42D0494 <sup>1</sup>	UltraPath	OceanStor S2200T	
3	IBM xSeries	Microsoft Windows Server 2012 Datacenter x64 Edition with Hyper-V	QLogic QLE2560,QLE2562  IBM 42D0501,42D0510	UltraPath	OceanStor S2200T	
4	IBM xSeries	Microsoft Windows Server 2012 R2 Standard x64 Edition with Hyper-V	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  IBM 42D0485 <sup>1</sup> ,42D0494 <sup>1</sup>	UltraPath	OceanStor S2200T	

1. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.

## Oracle Sun

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Oracle Sun x86 Systems	Microsoft Windows Server 2008 R2 Enterprise x64 Edition with Hyper-V	QLogic QLA2300	UltraPath	OceanStor S2200T	
2	Oracle Sun x86 Systems	Microsoft Windows Server 2008 R2 Enterprise x64 Edition SP1 with Hyper-V	QLogic QLE2560,QLE2562 Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>	UltraPath	OceanStor S2200T	
3	Oracle Sun x86 Systems	Microsoft Windows Server 2012 Datacenter x64 Edition with Hyper-V	QLogic QLE2560,QLE2562	UltraPath	OceanStor S2200T	
4	Oracle Sun x86 Systems	Microsoft Windows Server 2012 R2 Standard x64 Edition with Hyper-V	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>	UltraPath	OceanStor S2200T	

1. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.

## IBM VIOS

### IBM

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	IBM pSeries	IBM VIOS 2.1.3.10-FP23	IBM 5735,577D	UltraPath	OceanStor S2200T	See <sup>1,2</sup>
2	IBM pSeries	IBM VIOS 2.2.0.10-FP24	IBM 5773,5774,5735,577D	UltraPath	OceanStor S2200T	See <sup>1,2</sup>
3	IBM pSeries	IBM VIOS 2.2.1.1-FP25	IBM 5735,577D	UltraPath	OceanStor S2200T	See <sup>1,2</sup>
4	IBM pSeries	IBM VIOS 2.2.1.4	IBM 5735,577D	UltraPath	OceanStor S2200T	See <sup>1,2</sup>
5	IBM pSeries	IBM VIOS 2.2.2.1-FP26	IBM 5773,5774,5735,577D	UltraPath	OceanStor S2200T	See <sup>1,2</sup>
6	IBM pSeries	IBM VIOS 2.2.3.0	IBM 5735,577D	UltraPath	OceanStor S2200T	See <sup>1,2</sup>
7	IBM pSeries	IBM VIOS 2.2.3.1-FP27	IBM 5735,577D	UltraPath	OceanStor S2200T	See <sup>1,2</sup>

1. The Storage System only supports Arbitrated Loop topology in direct connection configuration.

2. Please don't change Storage System's FC ports.

## VMware

### Dell

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Dell PowerEdge Series	VMware ESX/ESXi 4.0	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562  Dell	VMware NMP	OceanStor S2200T	

			LPe12000-E <sup>1</sup> ,LPe12002-E <sup>1</sup> ,F641C,H144C			
2	Dell PowerEdge Series	VMware ESX/ESXi 4.0 Update 1	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562  Dell LPe12000-E <sup>1</sup> ,LPe12002-E <sup>1</sup> ,F641C,H144C	VMware NMP	OceanStor S2200T	
3	Dell PowerEdge Series	VMware ESX/ESXi 4.0 Update 2	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562  Dell LPe12000-E <sup>1</sup> ,LPe12002-E <sup>1</sup> ,PF323,FH590,DH226,FF340,F641C,H144C	VMware NMP	OceanStor S2200T	
4	Dell PowerEdge Series	VMware ESX/ESXi 4.0 Update 3	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562  Dell LPe12000-E <sup>1</sup> ,LPe12002-E <sup>1</sup> ,PF323,FH590,DH226,FF340,F641C,H144C	VMware NMP	OceanStor S2200T	
5	Dell PowerEdge Series	VMware ESX/ESXi 4.0 Update 4	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562  Dell LPe12000-E <sup>1</sup> ,LPe12002-E <sup>1</sup> ,F641C,H144C	VMware NMP	OceanStor S2200T	
6	Dell PowerEdge Series	VMware ESX/ESXi 4.1	Brocade 815 <sup>6</sup> ,825 <sup>6</sup>  Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562  Dell LPe12000-E <sup>1</sup> ,LPe12002-E <sup>1</sup> ,F641C,H144C,BR815 <sup>6</sup> ,BR825 <sup>6</sup>	VMware NMP	OceanStor S2200T	
7	Dell	VMware ESX/ESXi 4.1 Update 1	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>	VMware NMP	OceanStor S2200T	

	PowerEdge Series		QLogic QLE2560,QLE2562  Dell LPe12000-E <sup>1</sup> ,LPe12002-E <sup>1</sup> ,F641C,H144C			
8	Dell PowerEdge Series	VMware ESX/ESXi 4.1 Update 2	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562  Dell LPe12000-E <sup>1</sup> ,LPe12002-E <sup>1</sup> ,F641C,H144C	VMware NMP	OceanStor S2200T	
9	Dell PowerEdge Series	VMware ESXi 5.0	Brocade 815 <sup>2,4</sup> ,825 <sup>2,4</sup>  Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup> ,LP9000  QLogic QLE2560,QLE2562  Dell LPe12000-E <sup>1</sup> ,LPe12002-E <sup>1</sup> ,F641C,H144C,BR815 <sup>2,4</sup> ,BR825 <sup>2,4</sup>	VMware NMP	OceanStor S2200T	See <sup>3</sup>
10	Dell PowerEdge Series	VMware ESXi 5.0 Update 1	Brocade 815 <sup>2,4</sup> ,825 <sup>2,4</sup>  Emulex LPe1205 <sup>1</sup> ,LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562  Dell LPe12000-E <sup>1</sup> ,LPe12002-E <sup>1</sup> ,F641C,H144C,BR815 <sup>2,4</sup> ,BR825 <sup>2,4</sup>	VMware NMP	OceanStor S2200T	See <sup>3</sup>
11	Dell PowerEdge Series	VMware ESXi 5.0 Update 2	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562  Dell LPe12000-E <sup>1</sup> ,LPe12002-E <sup>1</sup> ,F641C,H144C	VMware NMP	OceanStor S2200T	See <sup>3</sup>
12	Dell PowerEdge Series	VMware ESXi 5.0 Update 3	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  Dell LPe12000-E <sup>1</sup> ,LPe12002-E <sup>1</sup>	VMware NMP	OceanStor S2200T	See <sup>3</sup>
13	Dell	VMware ESXi 5.1	QLogic QLE2560,QLE2562	VMware NMP	OceanStor S2200T	See <sup>3</sup>

	PowerEdge Series		Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  Dell F641C,H144C,LPe12000-E <sup>1</sup> ,LPe12002-E <sup>1</sup>			
14	Dell PowerEdge Series	VMware ESXi 5.1 Update 1	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  Dell LPe12000-E <sup>1</sup> ,LPe12002-E <sup>1</sup>	VMware NMP	OceanStor S2200T	See <sup>3</sup>
15	Dell PowerEdge Series	VMware ESXi 5.5	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup> ,LPe16000 <sup>5</sup> ,LPe16002 <sup>5</sup>  QLogic QLE2560,QLE2562  Dell F641C,H144C,LPe12000-E <sup>1</sup> ,LPe12002-E <sup>1</sup>	VMware NMP	OceanStor S2200T	See <sup>3</sup>
16	Dell PowerEdge Series	VMware ESXi 5.5 Update 1	Emulex LPe12000 <sup>1,7</sup> ,LPe12002 <sup>1,7</sup>  Dell LPe12000-E <sup>1,7</sup> ,LPe12002-E <sup>1,7</sup>	VMware NMP	OceanStor S2200T	See <sup>3</sup>
17	Dell M1000e M610,M710HD	VMware ESXi 5.0 Update 1	QLogic QME2572  Emulex LPe1205-M  Dell R112D	VMware NMP	OceanStor S2200T	See <sup>3</sup>

1. It is required to set the topology of the connection to Arbitrated Loop in direct connection configuration.
2. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
3. The disk storage system must enable ALUA function.
4. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection.The CLI command is:chgpportparam -c controller id -if interface module id -p port id -d 500.
5. After the connection is established, you have to restart the host if you change the network topology.
6. HBA firmware version/driver version is 3.0.0.0.
7. HBA driver version is 10.0.100.1,10.2.261.7.

## HP

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	HP ProLiant Series	VMware ESX/ESXi 4.0	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562  HP AJ762A/81E <sup>1</sup> ,AJ763A/82E <sup>1</sup> ,AK344A	VMware NMP	OceanStor S2200T	

			/81Q,AJ764A/82Q			
2	HP ProLiant Series	VMware ESX/ESXi 4.0 Update 1	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562  HP AJ762A/81E <sup>1</sup> ,AJ763A/82E <sup>1</sup> ,AK344A /81Q,AJ764A/82Q	VMware NMP	OceanStor S2200T	
3	HP ProLiant Series	VMware ESX/ESXi 4.0 Update 2	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562  HP AJ762A/81E <sup>1</sup> ,AB429A/FC1143,AE311A/FC1142SR,AE312A/FC1242SR,AE369A/FC1243,AJ763A/82E <sup>1</sup> ,AK344A/81Q,AJ764A/82Q	VMware NMP	OceanStor S2200T	
4	HP ProLiant Series	VMware ESX/ESXi 4.0 Update 3	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562  HP AJ762A/81E <sup>1</sup> ,AB429A/FC1143,AE311A/FC1142SR,AE312A/FC1242SR,AE369A/FC1243,AJ763A/82E <sup>1</sup> ,AK344A/81Q,AJ764A/82Q	VMware NMP	OceanStor S2200T	
5	HP ProLiant Series	VMware ESX/ESXi 4.0 Update 4	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562  HP AJ762A/81E <sup>1</sup> ,AJ763A/82E <sup>1</sup> ,AK344A /81Q,AJ764A/82Q	VMware NMP	OceanStor S2200T	
6	HP ProLiant Series	VMware ESX/ESXi 4.1	Brocade 815 <sup>6</sup> ,825 <sup>6</sup>  Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562  HP AJ762A/81E <sup>1</sup> ,AJ763A/82E <sup>1</sup> ,AK344A	VMware NMP	OceanStor S2200T	

			/81Q,AJ764A/82Q,AP769A <sup>6</sup> ,AP770A <sup>6</sup>			
7	HP ProLiant Series	VMware ESX/ESXi 4.1 Update 1	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562  HP AJ762A/81E <sup>1</sup> ,AJ763A/82E <sup>1</sup> ,AK344A /81Q,AJ764A/82Q	VMware NMP	OceanStor S2200T	
8	HP ProLiant Series	VMware ESX/ESXi 4.1 Update 2	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562  HP AJ762A/81E <sup>1</sup> ,AJ763A/82E <sup>1</sup> ,AK344A /81Q,AJ764A/82Q	VMware NMP	OceanStor S2200T	
9	HP ProLiant Series	VMware ESXi 5.0	Brocade 815 <sup>2,4</sup> ,825 <sup>2,4</sup>  Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup> ,LP9000  QLogic QLE2560,QLE2562  HP AJ762A/81E <sup>1</sup> ,AJ763A/82E <sup>1</sup> ,AK344A /81Q,AJ764A/82Q,AP769A <sup>2,4</sup> ,AP770A <sup>2,4</sup>	VMware NMP	OceanStor S2200T	See <sup>3</sup>
10	HP ProLiant Series	VMware ESXi 5.0 Update 1	Brocade 815 <sup>2,4</sup> ,825 <sup>2,4</sup>  Emulex LPe1205 <sup>1</sup> ,LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QMH2462,QLE2560,QLE2562  HP AJ762A/81E <sup>1</sup> ,AJ763A/82E <sup>1</sup> ,AK344A /81Q,AJ764A/82Q,AP769A <sup>2,4</sup> ,AP770A <sup>2,4</sup>	VMware NMP	OceanStor S2200T	See <sup>3</sup>
11	HP ProLiant Series	VMware ESXi 5.0 Update 2	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562  HP	VMware NMP	OceanStor S2200T	See <sup>3</sup>

			AJ762A/81E <sup>1</sup> ,AJ763A/82E <sup>1</sup> ,AK344A/81Q,AJ764A/82Q			
12	HP ProLiant Series	VMware ESXi 5.0 Update 3	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  HP AJ762A/81E <sup>1</sup> ,AJ763A/82E <sup>1</sup>	VMware NMP	OceanStor S2200T	See <sup>3</sup>
13	HP ProLiant Series	VMware ESXi 5.1	QLogic QLE2560,QLE2562  Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  HP AK344A/81Q,AJ764A/82Q,AJ762A/81E <sup>1</sup> ,AJ763A/82E <sup>1</sup>	VMware NMP	OceanStor S2200T	See <sup>3</sup>
14	HP ProLiant Series	VMware ESXi 5.1 Update 1	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  HP AJ762A/81E <sup>1</sup> ,AJ763A/82E <sup>1</sup>	VMware NMP	OceanStor S2200T	See <sup>3</sup>
15	HP ProLiant Series	VMware ESXi 5.5	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup> ,LPe16000 <sup>5</sup> ,LPe16002 <sup>5</sup>  QLogic QLE2560,QLE2562  HP AK344A/81Q,AJ764A/82Q,AJ762A/81E <sup>1</sup> ,AJ763A/82E <sup>1</sup> ,QR558A <sup>5</sup> ,QR559A <sup>5</sup>	VMware NMP	OceanStor S2200T	See <sup>3</sup>
16	HP ProLiant Series	VMware ESXi 5.5 Update 1	Emulex LPe12000 <sup>1,7</sup> ,LPe12002 <sup>1,7</sup>  HP AJ762A/81E <sup>1,7</sup> ,AJ763A/82E <sup>1,7</sup>	VMware NMP	OceanStor S2200T	See <sup>3</sup>
17	HP c7000 BL460c G7	VMware ESXi 4.1	QLogic QMH2462  HP 403619-B21	VMware NMP	OceanStor S2200T	
18	HP c7000 BL460c G7	VMware ESXi 5.0	QLogic QMH2462  HP 403619-B21	VMware NMP	OceanStor S2200T	See <sup>3</sup>

1. It is required to set the topology of the connection to Arbitrated Loop in direct connection configuration.
2. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
3. The disk storage system must enable ALUA function.
4. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection.The CLI command is:chgpportparam -c controller id -if interface module id -p port id -d 500.
5. After the connection is established, you have to restart the host if you change the network topology.
6. HBA firmware version/driver version is 3.0.0.0.
7. HBA driver version is 10.0.100.1,10.2.261.7.

Huawei



NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Huawei RH Series	VMware ESX/ESXi 4.0	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562	VMware NMP	OceanStor S2200T	
2	Huawei RH Series	VMware ESX/ESXi 4.0 Update 1	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562	VMware NMP	OceanStor S2200T	
3	Huawei RH Series	VMware ESX/ESXi 4.0 Update 2	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	VMware NMP	OceanStor S2200T	
4	Huawei RH Series	VMware ESX/ESXi 4.0 Update 3	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	VMware NMP	OceanStor S2200T	
5	Huawei RH Series	VMware ESX/ESXi 4.0 Update 4	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562	VMware NMP	OceanStor S2200T	
6	Huawei RH Series	VMware ESX/ESXi 4.1	Brocade 815 <sup>7</sup> ,825 <sup>7</sup>  Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562	VMware NMP	OceanStor S2200T	
7	Huawei RH Series	VMware ESX/ESXi 4.1 Update 1	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562	VMware NMP	OceanStor S2200T	
8	Huawei RH Series	VMware ESX/ESXi 4.1 Update 2	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562	VMware NMP	OceanStor S2200T	
9	Huawei RH Series	VMware ESXi 5.0	Brocade 815 <sup>2,4</sup> ,825 <sup>2,4</sup>  Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup> ,LP9000  QLogic QLE2560,QLE2562	VMware NMP	OceanStor S2200T	See <sup>3</sup>
10	Huawei RH Series	VMware ESXi 5.0 Update 1	Brocade 815 <sup>2,4</sup> ,825 <sup>2,4</sup>  Emulex LPe1205 <sup>1</sup> ,LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562	VMware NMP	OceanStor S2200T	See <sup>3</sup>

11	Huawei RH Series	VMware ESXi 5.0 Update 2	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562	VMware NMP	OceanStor S2200T	See <sup>3</sup>
12	Huawei RH Series	VMware ESXi 5.0 Update 3	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>	VMware NMP	OceanStor S2200T	See <sup>3</sup>
13	Huawei RH Series	VMware ESXi 5.1	QLogic QLE2560,QLE2562  Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>	VMware NMP	OceanStor S2200T	See <sup>3</sup>
14	Huawei RH Series	VMware ESXi 5.1 Update 1	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>	VMware NMP	OceanStor S2200T	See <sup>3</sup>
15	Huawei RH Series	VMware ESXi 5.5	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup> ,LPe16000 <sup>6</sup> ,LPe16002 <sup>6</sup>  QLogic QLE2560,QLE2562	VMware NMP	OceanStor S2200T	See <sup>3</sup>
16	Huawei RH Series	VMware ESXi 5.5 Update 1	Emulex LPe12000 <sup>1,8</sup> ,LPe12002 <sup>1,8</sup>	VMware NMP	OceanStor S2200T	See <sup>3</sup>
17	Huawei E6000 BH620	VMware ESX/ESXi 4.0	Huawei QFMA	VMware NMP	OceanStor S2200T	
18	Huawei E6000 BH620	VMware ESX/ESXi 4.0 Update 1	Huawei QFMA	VMware NMP	OceanStor S2200T	
19	Huawei E6000 BH620	VMware ESX/ESXi 4.0 Update 2	Huawei QFMA	VMware NMP	OceanStor S2200T	
20	Huawei E6000 BH620	VMware ESX/ESXi 4.0 Update 3	Huawei QFMA	VMware NMP	OceanStor S2200T	
21	Huawei E6000 BH620	VMware ESX/ESXi 4.0 Update 4	Huawei QFMA	VMware NMP	OceanStor S2200T	
22	Huawei E6000 BH620	VMware ESX/ESXi 4.1	Huawei QFMA	VMware NMP	OceanStor S2200T	
23	Huawei E6000 BH620	VMware ESX/ESXi 4.1 Update 1	Huawei QFMA	VMware NMP	OceanStor S2200T	
24	Huawei E6000 BH620	VMware ESX/ESXi 4.1 Update 2	Huawei QFMA	VMware NMP	OceanStor S2200T	
25	Huawei E6000 BH620	VMware ESXi 5.0	Huawei QFMA	VMware NMP	OceanStor S2200T	See <sup>3</sup>
26	Huawei E6000 BH620	VMware ESXi 5.0 Update 1	Huawei QFMA	VMware NMP	OceanStor S2200T	See <sup>3</sup>
27	Huawei E6000 BH622V2	VMware ESX/ESXi 4.1	Huawei MU220	VMware NMP	OceanStor S2200T	See <sup>3</sup>
28	Huawei E6000 BH622V2	VMware ESXi 5.0	Huawei MU220	VMware NMP	OceanStor S2200T	See <sup>3</sup>
29	Huawei	VMware ESXi 5.0	Huawei MZ910	VMware NMP	OceanStor S2200T	See <sup>3,5</sup>

	E9000 CH121					
30	Huawei E9000 CH121	VMware ESXi 5.0 Update 2	Huawei MZ910	VMware NMP	OceanStor S2200T	See <sup>3,5</sup>
31	Huawei E9000 CH121	VMware ESXi 5.1	Huawei MZ910	VMware NMP	OceanStor S2200T	See <sup>3,5</sup>
32	Huawei T8000 BH28	VMware ESX/ESXi 4.0	Huawei QFMA,QFMB	VMware NMP	OceanStor S2200T	
33	Huawei T8000 BH28	VMware ESX/ESXi 4.0 Update 1	Huawei QFMA,QFMB	VMware NMP	OceanStor S2200T	
34	Huawei T8000 BH28	VMware ESX/ESXi 4.0 Update 2	Huawei QFMA,QFMB	VMware NMP	OceanStor S2200T	
35	Huawei T8000 BH28	VMware ESX/ESXi 4.0 Update 3	Huawei QFMA,QFMB	VMware NMP	OceanStor S2200T	
36	Huawei T8000 BH28	VMware ESX/ESXi 4.0 Update 4	Huawei QFMA/QFMB	VMware NMP	OceanStor S2200T	
37	Huawei T8000 BH28	VMware ESX/ESXi 4.1	Huawei QFMA,QFMB	VMware NMP	OceanStor S2200T	
38	Huawei T8000 BH28	VMware ESX/ESXi 4.1 Update 1	Huawei QFMA,QFMB	VMware NMP	OceanStor S2200T	
39	Huawei T8000 BH28	VMware ESX/ESXi 4.1 Update 2	Huawei QFMA,QFMB	VMware NMP	OceanStor S2200T	
40	Huawei T8000 BRSA	VMware ESXi 5.0	Huawei EFMA,EFMB	VMware NMP	OceanStor S2200T	See <sup>3</sup>
41	Huawei T8000 BRSA	VMware ESXi 5.1	Huawei EFMA,EFMB	VMware NMP	OceanStor S2200T	See <sup>3</sup>

1. It is required to set the topology of the connection to Arbitrated Loop in direct connection configuration.
2. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
3. The disk storage system must enable ALUA function.
4. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection.The CLI command is:chgportparam -c controller id -if interface module id -p port id -d 500.
5. Install the OS,Please contact huawei technical support to get the IOS image and the Tecal Server OS Installation Guide.
6. After the connection is established, you have to restart the host if you change the network topology.
7. HBA firmware version/driver version is 3.0.0.0.
8. HBA driver version is 10.0.100.1,10.2.261.7.

## IBM

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	IBM xSeries	VMware ESX/ESXi 4.0	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562  IBM 42D0485 <sup>1</sup> ,42D0494 <sup>1</sup> ,42D0501,42D05	VMware NMP	OceanStor S2200T	

			10			
2	IBM xSeries	VMware ESX/ESXi 4.0 Update 1	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562  IBM 42D0485 <sup>1</sup> ,42D0494 <sup>1</sup> ,42D0501,42D0510	VMware NMP	OceanStor S2200T	
3	IBM xSeries	VMware ESX/ESXi 4.0 Update 2	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562  IBM 42D0485 <sup>1</sup> ,42D0494 <sup>1</sup> ,39M5894,39M5895,39R6525,39R6527,42D0501,42D0510	VMware NMP	OceanStor S2200T	
4	IBM xSeries	VMware ESX/ESXi 4.0 Update 3	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562  IBM 42D0485 <sup>1</sup> ,42D0494 <sup>1</sup> ,39M5894,39M5895,39R6525,39R6527,42D0501,42D0510	VMware NMP	OceanStor S2200T	
5	IBM xSeries	VMware ESX/ESXi 4.0 Update 4	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562  IBM 42D0485 <sup>1</sup> ,42D0494 <sup>1</sup> ,42D0501,42D0510	VMware NMP	OceanStor S2200T	
6	IBM xSeries	VMware ESX/ESXi 4.1	Brocade 815 <sup>6</sup> ,825 <sup>6</sup>  Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562  IBM 42D0485 <sup>1</sup> ,42D0494 <sup>1</sup> ,42D0501,42D0510,46M6049 <sup>6</sup> ,46M6050 <sup>6</sup>	VMware NMP	OceanStor S2200T	

7	IBM xSeries	VMware ESX/ESXi 4.1 Update 1	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562  IBM 42D0485 <sup>1</sup> ,42D0494 <sup>1</sup> ,42D0501,42D0510	VMware NMP	OceanStor S2200T	
8	IBM xSeries	VMware ESX/ESXi 4.1 Update 2	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562  IBM 42D0485 <sup>1</sup> ,42D0494 <sup>1</sup> ,42D0501,42D0510	VMware NMP	OceanStor S2200T	
9	IBM xSeries	VMware ESXi 5.0	Brocade 815 <sup>2,4</sup> ,825 <sup>2,4</sup>  Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup> ,LP9000  QLogic QLE2560,QLE2562  IBM 42D0485 <sup>1</sup> ,42D0494 <sup>1</sup> ,42D0501,42D0510,46M6049 <sup>2,4</sup> ,46M6050 <sup>2,4</sup>	VMware NMP	OceanStor S2200T	See <sup>3</sup>
10	IBM xSeries	VMware ESXi 5.0 Update 1	Brocade 815 <sup>2,4</sup> ,825 <sup>2,4</sup>  Emulex LPe1205 <sup>1</sup> ,LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562  IBM 42D0485 <sup>1</sup> ,42D0494 <sup>1</sup> ,42D0501,42D0510,46M6049 <sup>2,4</sup> ,46M6050 <sup>2,4</sup>	VMware NMP	OceanStor S2200T	See <sup>3</sup>
11	IBM xSeries	VMware ESXi 5.0 Update 2	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562  IBM 42D0485 <sup>1</sup> ,42D0494 <sup>1</sup> ,42D0501,42D0510	VMware NMP	OceanStor S2200T	See <sup>3</sup>
12	IBM xSeries	VMware ESXi 5.0 Update 3	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  IBM 42D0485 <sup>1</sup> ,42D0494 <sup>1</sup>	VMware NMP	OceanStor S2200T	See <sup>3</sup>

13	IBM xSeries	VMware ESXi 5.1	QLogic QLE2560,QLE2562  Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  IBM 42D0501,42D0510,42D0485 <sup>1</sup> ,42D0494 <sup>1</sup>	VMware NMP	OceanStor S2200T	See <sup>3</sup>
14	IBM xSeries	VMware ESXi 5.1 Update 1	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  IBM 42D0485 <sup>1</sup> ,42D0494 <sup>1</sup>	VMware NMP	OceanStor S2200T	See <sup>3</sup>
15	IBM xSeries	VMware ESXi 5.5	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup> ,LPe16000 <sup>5</sup> ,LPe16002 <sup>5</sup>  QLogic QLE2560,QLE2562  IBM 42D0501,42D0510,42D0485 <sup>1</sup> ,42D0494 <sup>1</sup> ,81Y1655 <sup>5</sup> ,81Y1662 <sup>5</sup>	VMware NMP	OceanStor S2200T	See <sup>3</sup>
16	IBM xSeries	VMware ESXi 5.5 Update 1	Emulex LPe12000 <sup>1,7</sup> ,LPe12002 <sup>1,7</sup>  IBM 42D0485 <sup>1,7</sup> ,42D0494 <sup>1,7</sup>	VMware NMP	OceanStor S2200T	See <sup>3</sup>
17	IBM HS22	VMware ESX/ESXi 4.0 Update 1	QLogic QMI2572	VMware NMP	OceanStor S2200T	
18	IBM HS22	VMware ESX/ESXi 4.1	QLogic QMI2572	VMware NMP	OceanStor S2200T	
19	IBM HS22	VMware ESXi 5.0	QLogic QMI2572	VMware NMP	OceanStor S2200T	See <sup>3</sup>
20	IBM HS22	VMware ESXi 5.0 Update 1	Emulex LPe1205	VMware NMP	OceanStor S2200T	See <sup>3</sup>

1. It is required to set the topology of the connection to Arbitrated Loop in direct connection configuration.
2. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
3. The disk storage system must enable ALUA function.
4. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection.The CLI command is:chgportparam -c controller id -if interface module id -p port id -d 500.
5. After the connection is established, you have to restart the host if you change the network topology.
6. HBA firmware version/driver version is 3.0.0.0.
7. HBA driver version is 10.0.100.1,10.2.261.7.

## Oracle Sun

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Oracle Sun x86 Systems	VMware ESX/ESXi 4.0	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562	VMware NMP	OceanStor S2200T	
2	Oracle Sun x86 Systems	VMware ESX/ESXi 4.0 Update 1	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562	VMware NMP	OceanStor S2200T	

3	Oracle Sun x86 Systems	VMware ESX/ESXi 4.0 Update 2	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	VMware NMP	OceanStor S2200T	
4	Oracle Sun x86 Systems	VMware ESX/ESXi 4.0 Update 3	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLA2460,QLA2462,QLE2460,QLE2462,QLE2560,QLE2562	VMware NMP	OceanStor S2200T	
5	Oracle Sun x86 Systems	VMware ESX/ESXi 4.0 Update 4	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562	VMware NMP	OceanStor S2200T	
6	Oracle Sun x86 Systems	VMware ESX/ESXi 4.1	Brocade 815 <sup>6</sup> ,825 <sup>6</sup>  Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562	VMware NMP	OceanStor S2200T	
7	Oracle Sun x86 Systems	VMware ESX/ESXi 4.1 Update 1	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562	VMware NMP	OceanStor S2200T	
8	Oracle Sun x86 Systems	VMware ESX/ESXi 4.1 Update 2	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562	VMware NMP	OceanStor S2200T	
9	Oracle Sun x86 Systems	VMware ESXi 5.0	Brocade 815 <sup>2,4</sup> ,825 <sup>2,4</sup>  Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup> ,LP9000  QLogic QLE2560,QLE2562	VMware NMP	OceanStor S2200T	See <sup>3</sup>
10	Oracle Sun x86 Systems	VMware ESXi 5.0 Update 1	Brocade 815 <sup>2,4</sup> ,825 <sup>2,4</sup>  Emulex LPe1205 <sup>1</sup> ,LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562	VMware NMP	OceanStor S2200T	See <sup>3</sup>
11	Oracle Sun x86 Systems	VMware ESXi 5.0 Update 2	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>  QLogic QLE2560,QLE2562	VMware NMP	OceanStor S2200T	See <sup>3</sup>
12	Oracle Sun x86 Systems	VMware ESXi 5.0 Update 3	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>	VMware NMP	OceanStor S2200T	See <sup>3</sup>
13	Oracle Sun x86 Systems	VMware ESXi 5.1	QLogic QLE2560,QLE2562  Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>	VMware NMP	OceanStor S2200T	See <sup>3</sup>

14	Oracle Sun x86 Systems	VMware ESXi 5.1 Update 1	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup>	VMware NMP	OceanStor S2200T	See <sup>3</sup>
15	Oracle Sun x86 Systems	VMware ESXi 5.5	Emulex LPe12000 <sup>1</sup> ,LPe12002 <sup>1</sup> ,LPe16000 <sup>5</sup> ,LPe16002 <sup>5</sup>  QLogic QLE2560,QLE2562	VMware NMP	OceanStor S2200T	See <sup>3</sup>
16	Oracle Sun x86 Systems	VMware ESXi 5.5 Update 1	Emulex LPe12000 <sup>1,7</sup> ,LPe12002 <sup>1,7</sup>	VMware NMP	OceanStor S2200T	See <sup>3</sup>

1. It is required to set the topology of the connection to Arbitrated Loop in direct connection configuration.
2. It is required to set the topology of the disk storage system and HBA to Point-to-Point when in direct connection configuration.
3. The disk storage system must enable ALUA function.
4. The ports of the disk storage system connected to the HBAs must set the Latency of FLOGI to 500µs in direct connection.The CLI command is:chgpportparam -c controller id -if interface module id -p port id -d 500.
5. After the connection is established, you have to restart the host if you change the network topology.
6. HBA firmware version/driver version is 3.0.0.0.
7. HBA driver version is 10.0.100.1,10.2.261.7.

## Oracle VM x86\_64

### Dell

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Dell PowerEdge Series	Oracle VM Server 3.1.1 for x86_64	Emulex LPe12000 <sup>2</sup> ,LPe12002 <sup>2</sup>  QLogic QLE2560,QLE2562  Dell F641C,H144C,LPe12000-E <sup>2</sup> ,LPe12002-E <sup>2</sup>	DM-Multipath	OceanStor S2200T	See <sup>1,3</sup>
2	Dell PowerEdge Series	Oracle VM Server 3.2.1 for x86_64	QLogic QLE2560,QLE2562  Dell F641C,H144C	DM-Multipath	OceanStor S2200T	See <sup>1,3</sup>
3	Dell PowerEdge Series	Oracle VM Server 3.2.6 for x86_64	Emulex LPe12000 <sup>2</sup> ,LPe12002 <sup>2</sup>  Dell LPe12000-E <sup>2</sup> ,LPe12002-E <sup>2</sup>	DM-Multipath	OceanStor S2200T	See <sup>1,3</sup>

1. The disk storage system must enable ALUA function.
2. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
3. For the detail configuration of DM-Multipath,please contact the technical service centre of Huawei Technologies Co., Ltd..

### HP

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	HP ProLiant Series	Oracle VM Server 3.1.1 for x86_64	Emulex LPe12000 <sup>2</sup> ,LPe12002 <sup>2</sup>	DM-Multipath	OceanStor S2200T	See <sup>1,3</sup>



			QLogic QLE2560,QLE2562  HP AK344A/81Q,AJ764A/82Q,AJ762A/ 81E <sup>2</sup> ,AJ763A/82E <sup>2</sup>			
2	HP ProLiant Series	Oracle VM Server 3.2.1 for x86_64	QLogic QLE2560,QLE2562  HP AK344A/81Q,AJ764A/82Q	DM-Multipath	OceanStor S2200T	See <sup>1,3</sup>
3	HP ProLiant Series	Oracle VM Server 3.2.6 for x86_64	Emulex LPe12000 <sup>2</sup> ,LPe12002 <sup>2</sup>  HP AJ762A/81E <sup>2</sup> ,AJ763A/82E <sup>2</sup>	DM-Multipath	OceanStor S2200T	See <sup>1,3</sup>
4	HP c7000 BL460c G7	Oracle VM Server 3.0.3 for x86_64	QLogic QMH2562	DM-Multipath	OceanStor S2200T	See <sup>1,3</sup>
5	HP Integrity BL860c	Oracle VM Server 3.1.1 for x86_64	QLogic QMH2562	DM-Multipath	OceanStor S2200T	See <sup>1,3</sup>

1. The disk storage system must enable ALUA function.
2. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
3. For the detail configuration of DM-Multipath, please contact the technical service centre of Huawei Technologies Co., Ltd..

### Huawei

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Huawei RH Series	Oracle VM Server 3.1.1 for x86_64	Emulex LPe12000 <sup>2</sup> ,LPe12002 <sup>2</sup>  QLogic QLE2560,QLE2562	DM-Multipath	OceanStor S2200T	See <sup>1,3</sup>
2	Huawei RH Series	Oracle VM Server 3.2.1 for x86_64	QLogic QLE2560,QLE2562	DM-Multipath	OceanStor S2200T	See <sup>1,3</sup>
3	Huawei RH Series	Oracle VM Server 3.2.6 for x86_64	Emulex LPe12000 <sup>2</sup> ,LPe12002 <sup>2</sup>	DM-Multipath	OceanStor S2200T	See <sup>1,3</sup>

1. The disk storage system must enable ALUA function.
2. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
3. For the detail configuration of DM-Multipath, please contact the technical service centre of Huawei Technologies Co., Ltd..

### IBM

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	IBM xSeries	Oracle VM Server 3.1.1 for x86_64	Emulex LPe12000 <sup>2</sup> ,LPe12002 <sup>2</sup>  QLogic QLE2560,QLE2562  IBM 42D0501,42D0510,42D0485 <sup>2</sup> ,42D0494 <sup>2</sup>	DM-Multipath	OceanStor S2200T	See <sup>1,3</sup>
2	IBM xSeries	Oracle VM Server 3.2.1 for	QLogic QLE2560,QLE2562	DM-Multipath	OceanStor S2200T	See <sup>1,3</sup>

		x86_64	IBM 42D0501,42D0510			
3	IBM xSeries	Oracle VM Server 3.2.6 for x86_64	Emulex LPe12000 <sup>2</sup> ,LPe12002 <sup>2</sup> IBM 42D0485 <sup>2</sup> ,42D0494 <sup>2</sup>	DM-Multipath	OceanStor S2200T	See <sup>1,3</sup>

1. The disk storage system must enable ALUA function.
2. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
3. For the detail configuration of DM-Multipath, please contact the technical service centre of Huawei Technologies Co., Ltd..

## Oracle Sun

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Oracle Sun x86 Systems	Oracle VM Server 3.1.1 for x86_64	Emulex LPe12000 <sup>2</sup> ,LPe12002 <sup>2</sup> QLogic QLE2560,QLE2562	DM-Multipath	OceanStor S2200T	See <sup>1,3</sup>
2	Oracle Sun x86 Systems	Oracle VM Server 3.2.1 for x86_64	QLogic QLE2560,QLE2562	DM-Multipath	OceanStor S2200T	See <sup>1,3</sup>
3	Oracle Sun x86 Systems	Oracle VM Server 3.2.6 for x86_64	Emulex LPe12000 <sup>2</sup> ,LPe12002 <sup>2</sup>	DM-Multipath	OceanStor S2200T	See <sup>1,3</sup>

1. The disk storage system must enable ALUA function.
2. It is required to set the topology of the HBA to Arbitrated Loop in direct connection configuration.
3. For the detail configuration of DM-Multipath, please contact the technical service centre of Huawei Technologies Co., Ltd..

## RHEV

### Dell

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Dell PowerEdge Series	Red Hat Enterprise Virtualization 3	QLogic QLE2560,QLE2562 Dell F641C,H144C	DM-Multipath	OceanStor S2200T	See <sup>1,2,3,4</sup>

1. The disk storage system must enable ALUA function.
2. For the detail configuration of DM-Multipath, please contact the technical service centre of Huawei Technologies Co., Ltd..
3. Don't support LUN expansion.
4. It is required to map LUNs to the host first, then add the initiator to the host, last establish the connection between host and disk storage system.

### HP

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	HP ProLiant Series	Red Hat Enterprise Virtualization 3	QLogic QLE2560,QLE2562 HP AK344A/81Q,AJ764A/82Q	DM-Multipath	OceanStor S2200T	See <sup>1,2,3,4</sup>

1. The disk storage system must enable ALUA function.
2. For the detail configuration of DM-Multipath, please contact the technical service centre of Huawei Technologies Co., Ltd..
3. Don't support LUN expansion.

- It is required to map LUNs to the host first, then add the initiator to the host,last establish the connection between host and disk storage system.

## Huawei

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Huawei RH Series	Red Hat Enterprise Virtualization 3	QLogic QLE2560,QLE2562	DM-Multipath	OceanStor S2200T	See <sup>1,2,3,4</sup>

- The disk storage system must enable ALUA function.
- For the detail configuration of DM-Multipath,please contact the technical service centre of Huawei Technologies Co., Ltd..
- Don't support LUN expansion.
- It is required to map LUNs to the host first, then add the initiator to the host,last establish the connection between host and disk storage system.

## IBM

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	IBM xSeries	Red Hat Enterprise Virtualization 3	QLogic QLE2560,QLE2562  IBM 42D0501,42D0510	DM-Multipath	OceanStor S2200T	See <sup>1,2,3,4</sup>

- The disk storage system must enable ALUA function.
- For the detail configuration of DM-Multipath,please contact the technical service centre of Huawei Technologies Co., Ltd..
- Don't support LUN expansion.
- It is required to map LUNs to the host first, then add the initiator to the host,last establish the connection between host and disk storage system.

## Oracle Sun

NO.	Server Model	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Oracle Sun x86 Systems	Red Hat Enterprise Virtualization 3	QLogic QLE2560,QLE2562	DM-Multipath	OceanStor S2200T	See <sup>1,2,3,4</sup>

- The disk storage system must enable ALUA function.
- For the detail configuration of DM-Multipath,please contact the technical service centre of Huawei Technologies Co., Ltd..
- Don't support LUN expansion.
- It is required to map LUNs to the host first, then add the initiator to the host,last establish the connection between host and disk storage system.

## Cluster Software

### HP-UX

NO.	Operating System	Cluster Software	Volume Manager Software	MultiPath Software	Disk Storage System	Notes
1	HP-UX 11i v1	HP MC/Service Guard A11.14	HP LVM	PV-Links	OceanStor S2200T	
2	HP-UX 11i v2	HP MC/Service Guard A11.18	HP LVM	PV-Links	OceanStor S2200T	
3	HP-UX 11i v3	HP MC/Service Guard A11.19  HP MC/Service Guard A11.20	HP LVM	NMP	OceanStor S2200T	

		VCS 6.0.1	VxVM	DMP	OceanStor S2200T	See <sup>1</sup>
--	--	-----------	------	-----	------------------	------------------

- The disk storage system must enable ALUA function.

## IBM AIX

NO.	Operating System	Cluster Software	Volume Manager Software	MultiPath Software	Disk Storage System	Notes
1	AIX 5.3	IBM HACMP 5.2 IBM HACMP 5.3 IBM HACMP 5.4 <sup>3</sup> IBM HACMP 5.5 <sup>1</sup>	IBM LVM	UltraPath	OceanStor S2200T	
		VCS 5.0 VCS 5.1,5.1 SP1	VxVM	DMP	OceanStor S2200T	
2	AIX 6.1	IBM HACMP 5.4 IBM PowerHA 6.1	IBM LVM	UltraPath	OceanStor S2200T	
		VCS 5.0 VCS 5.1,5.1 SP1 VCS 6.0 <sup>2</sup> ,6.0.1 <sup>2</sup>	VxVM	DMP	OceanStor S2200T	
3	AIX 7.1	VCS 5.1 SP1 VCS 6.0 <sup>2</sup> ,6.0.1 <sup>2</sup>	VxVM	DMP	OceanStor S2200T	
		IBM PowerHA 7.1.2 IBM PowerHA 7.1.2 SP1	IBM LVM	UltraPath	OceanStor S2200T	See <sup>4</sup>
		IBM GPFS Cluster 3.4.0.18 IBM GPFS Cluster 3.5.0.11		UltraPath	OceanStor S2200T	See <sup>5</sup>

- The version of the operating system is AIX 5.3 TL9.
- The disk storage system must enable ALUA function.
- The version of the operating system is AIX 5.3 TL8.
- It's required to install UltraPath.
- SCSI-3 Persistent Reserve Not supported.

## Oracle Solaris

NO.	Operating System	Cluster Software	Volume Manager Software	MultiPath Software	Disk Storage System	Notes
1	Solaris 9 for SPARC	VCS 5.0 VCS 5.1,5.1 SP1	VxVM	DMP	OceanStor S2200T	
2	Solaris 9 U9 for SPARC	Sun Cluster 3.1	Oracle Sun SVM	STMS	OceanStor S2200T	
3	Oracle Solaris 10 for SPARC	VCS 5.0 VCS 5.1,5.1 SP1 VCS 6.0 <sup>1</sup> ,6.0.1 <sup>1</sup>	VxVM	DMP	OceanStor S2200T	
4	Solaris 10 U8 for SPARC	Sun Cluster 3.1,3.3	Oracle Sun SVM	STMS	OceanStor S2200T	
5	Solaris 10 U8 for SPARC	Oracle 11g RAC Release 2	ASM	STMS	OceanStor S2200T	

6	Oracle Solaris 10 U9 for SPARC	Sun Cluster 3.3	Oracle Sun SVM	STMS	OceanStor S2200T	
7	Oracle Solaris 11 for SPARC	Sun Cluster 4.0	Oracle Sun SVM	STMS <sup>1</sup> , UltraPath	OceanStor S2200T	
8	Oracle Solaris 11.1 for SPARC	Sun Cluster 4.1	Oracle Sun SVM	STMS <sup>1</sup>	OceanStor S2200T	

1. The disk storage system must enable ALUA function.

## Red Hat

NO.	Operating System	Cluster Software	Volume Manager Software	MultiPath Software	Disk Storage System	Notes
1	Red Hat Enterprise Linux 5 Update4 for x86_64	Oracle 11g RAC Release 2	ASM	UltraPath	OceanStor S2200T	
2	Red Hat Enterprise Linux 5 Update7 for x86_64	Oracle 11g RAC Release 1	ASM	UltraPath	OceanStor S2200T	
3	Red Hat Enterprise Linux 6 for x86_64	RoseHA 8.8	LVM	UltraPath	OceanStor S2200T	
4	Red Hat Enterprise Linux 5	VCS 6.0.1	VxVM	DMP	OceanStor S2200T	See <sup>1</sup>
5	Red Hat Enterprise Linux 6	VCS 6.0.1	VxVM	DMP	OceanStor S2200T	See <sup>1</sup>
6	Red Hat Enterprise Linux 5 Update5 for x86_64	Red Hat Cluster Suite	LVM	DM-Multipath	OceanStor S2200T	See <sup>2</sup>
7	Red Hat Enterprise Linux 6 Update3 for x86_64	Red Hat Cluster Suite	LVM	DM-Multipath	OceanStor S2200T	See <sup>2</sup>
8	Red Hat Enterprise Linux 5 Update8 for x86_64	IBM GPFS Cluster 3.4.0		DM-Multipath	OceanStor S2200T	See <sup>3</sup>

1. The disk storage system must enable ALUA function.
2. It is required to use the Red Hat GFS2 file system.
3. SCSI-3 Persistent Reserve Not supported.

## SUSE

NO.	Operating System	Cluster Software	Volume Manager Software	MultiPath Software	Disk Storage System	Notes
1	SUSE Linux Enterprise Server 10	HeartBeat	LVM	UltraPath	OceanStor S2200T	
2	SUSE Linux Enterprise Server 10	Oracle 11g RAC Release 1	ASM	UltraPath	OceanStor S2200T	
		VCS 6.0.1	VxVM	DMP	OceanStor S2200T	See <sup>1</sup>
3	SUSE Linux Enterprise Server 11 for x86_64	Oracle 11g RAC Release 2	ASM	UltraPath	OceanStor S2200T	
4	SUSE Linux Enterprise Server 11 for x86_64	RoseHA 8.8	LVM	UltraPath	OceanStor S2200T	
5	SUSE Linux Enterprise Server 11	VCS 6.0.1	VxVM	DMP	OceanStor S2200T	See <sup>1</sup>
6	SUSE Linux Enterprise Server 11	NEC ExpressCluster X3.1	LVM	UltraPath	OceanStor S2200T	

	SP2 for x86_64					
--	----------------	--	--	--	--	--

1. The disk storage system must enable ALUA function.

## Microsoft Windows

NO.	Operating System	Cluster Software	Volume Manager Software	MultiPath Software	Disk Storage System	Notes
1	Microsoft Windows Server 2003 Enterprise x64 Edition SP2	MSCS	LDM	UltraPath	OceanStor S2200T	
2	Microsoft Windows Server 2003 R2 Enterprise x86 Edition SP2	MSCS	LDM	UltraPath	OceanStor S2200T	
3	Microsoft Windows Server 2008 Enterprise x64 Edition SP2	WSFC	LDM	UltraPath	OceanStor S2200T	
4	Microsoft Windows Server 2008 R2 Enterprise x64 Edition	WSFC	LDM	UltraPath	OceanStor S2200T	
5	Microsoft Windows Server 2008 R2 Enterprise x64 Edition SP1	WSFC	LDM	UltraPath	OceanStor S2200T	
6	Microsoft Windows Server 2012 Datacenter x64 Edition	WSFC	LDM	UltraPath <sup>4</sup>	OceanStor S2200T	
				MPIO <sup>2,3,4</sup>	OceanStor S2200T	
7	Microsoft Windows Server 2012 R2 Datacenter x64 Edition	WSFC	LDM	UltraPath <sup>4</sup>	OceanStor S2200T	
				MPIO <sup>2,3</sup>	OceanStor S2200T	
8	Microsoft Windows Server 2008 R2 Enterprise x64 Edition	RoseHA 8.8	LDM	UltraPath	OceanStor S2200T	See <sup>1</sup>

1. The parameter Hardware lock in the cluster software must be NONE.
2. The disk storage system must enable ALUA function.
3. For the detail configuration of MPIO, please contact the technical service centre of Huawei Technologies Co., Ltd..
4. It is required to install KB2822241 if KB2779768 has been installed in the server, otherwise the MultiPath Software will not take effect. To obtain this hotfix, fill out the hotfix request form at <http://www.microsoft.com/en-us/download/details.aspx?id=38240>.

## Switch

NO.	Host Bus Adapter	FC Switch	Firmware	Disk Storage System	Notes
1	ATTO Celerity FC-41ES, FC-42ES	Brocade 300	v6.4.1a, v6.4.2, v6.3.1a, v6.2.0d	OceanStor S2200T	See <sup>1,3,4</sup>
		EMC Connectrix DS-300B/DS-300B-EP			
		HP StorageWorks 8/8 and 8/24 SAN Switches			
		IBM System Storage SAN24B-4 Express			
		Brocade 5100	v6.3.1a, v6.4.0b	OceanStor S2200T	See <sup>1,3,4</sup>

		<p>EMC Connectrix DS-5100B/DS-5100B-EP</p> <p>HP StorageWorks 8/40 SAN Switch</p> <p>IBM System Storage SAN40B-4</p>			
		<p>Brocade 6505,6510</p> <p>EMC Connectrix DS-6505F-8GB,Connectrix DS-6510F-8GB/DS-6510R-8GB</p> <p>HP SN3000B,SN6000B FC Switch</p> <p>IBM System Storage SAN24B-5, System Storage SAN48B-5</p> <p>Huawei SNS2224,SNS2248</p>	v7.1.0a	OceanStor S2200T	See <sup>1,3,4</sup>
		<p>QLogic SANbox 5800,5802</p> <p>Huawei SNS2120</p>	7.4.0.21.0	OceanStor S2200T	
2	ATTO Celerity FC-81EN,FC-82EN	<p>Brocade 300</p> <p>EMC Connectrix DS-300B/DS-300B-EP</p> <p>HP StorageWorks 8/8 and 8/24 SAN Switches</p> <p>IBM System Storage SAN24B-4 Express</p>	v6.2.0d,v6.4.0b,v6.4.1a	OceanStor S2200T	See <sup>1,3,4</sup>
		<p>Brocade 5100</p> <p>EMC Connectrix DS-5100B/DS-5100B-EP</p> <p>HP StorageWorks 8/40 SAN Switch</p> <p>IBM System Storage SAN40B-4</p>	v6.4.1a,v6.3.1a,v6.2.0d	OceanStor S2200T	See <sup>1,3,4</sup>
		<p>Brocade 6505,6510</p> <p>EMC Connectrix</p>	v7.1.0a	OceanStor S2200T	See <sup>1,3,4</sup>

		DS-6505F-8GB,Connectrix DS-6510F-8GB/DS-6510R-8GB  HP SN3000B,SN6000B FC Switch  IBM System Storage SAN24B-5, System Storage SAN48B-5  Huawei SNS2224,SNS2248			
		Brocade DCX  EMC Connectrox ED-DCX-B  HP StorageWorks DCX SAN Backbone Director  IBM System Storage SAN768B	v6.3.1a	OceanStor S2200T	
		Brocade DCX 8510-4 Backbone  EMC Connectrox ED-DCX8510-4B  HP SN8000B SAN Director 4-slot  IBM System Storage SAN768B-2	v7.0.1	OceanStor S2200T	See <sup>1,3,4</sup>
		QLogic SANbox 5800,5802  Huawei SNS2120	7.4.0.21.0,8.0.13.8.0	OceanStor S2200T	
3	Brocade 415,425  HP AP767A,AP768A  IBM 59Y1987,59Y1993	Brocade 200E  EMC Connectrix DS-220B	v6.2.2b,v6.2.0g	OceanStor S2200T	
		Brocade 300  EMC Connectrix DS-300B/DS-300B-EP  HP StorageWorks 8/8 and 8/24 SAN Switches  IBM System Storage SAN24B-4 Express	v6.3.1a,v6.4.0a,v6.4.1a,v6.4.1b,v 7.0.0c	OceanStor S2200T	See <sup>1,3,4</sup>
		Brocade 3250	v4.4.0b	OceanStor S2200T	
		Brocade 4140	v6.2.0b	OceanStor S2200T	



		Brocade 48000	v6.4.0b	OceanStor S2200T	See <sup>2</sup>
		Brocade 5100	v6.3.1a,v6.4.0b,v6.4.1a	OceanStor S2200T	See <sup>1,3,4</sup>
		EMC Connectrix DS-5100B/DS-5100B-EP			
		HP StorageWorks 8/40 SAN Switch			
		IBM System Storage SAN40B-4			
		QLogic SANbox 5800,5802	7.4.0.21.0,8.0.12.3.0,8.0.13.8.0	OceanStor S2200T	
		Huawei SNS2120			
		QLogic SANbox 9200	7.8.0.8.0	OceanStor S2200T	
		Huawei SNS5120			
4	Brocade 815,825	Brocade 200E	v6.2.2b	OceanStor S2200T	
	Dell BR815,BR825	EMC Connectrix DS-220B			
	HP AP769A,AP770A	Brocade 300	v6.2.0c,v6.3.1a,v6.4.0a,v6.4.1a,v6.4.1b	OceanStor S2200T	See <sup>1,3,4</sup>
	IBM 46M6049,46M6050	EMC Connectrix DS-300B/DS-300B-EP			
		HP StorageWorks 8/8 and 8/24 SAN Switches			
		IBM System Storage SAN24B-4 Express			
		Brocade 4100	v6.2.0b	OceanStor S2200T	
		Brocade 5100	v6.3.1a,v6.4.0b,v6.4.1a,v7.0.0b	OceanStor S2200T	See <sup>1,3,4</sup>
		EMC Connectrix DS-5100B/DS-5100B-EP			
		HP StorageWorks 8/40 SAN Switch			
		IBM System Storage SAN40B-4			
		Brocade 48000	v6.4.2	OceanStor S2200T	See <sup>2</sup>
		Brocade DCX 8510-4 Backbone	v7.0.1	OceanStor S2200T	See <sup>1,3,4</sup>
		EMC Connectrix ED-DCX8510-4B			
		HP SN8000B SAN Director 4-slot			

		IBM System Storage SAN768B-2			
		QLogic SANbox 5800,5802	7.4.0.21.0,7.4.0.28.1,7.4.0.26.0	OceanStor S2200T	
		Huawei SNS2120			
		QLogic SANbox 9200	7.8.0.8.0	OceanStor S2200T	
		Huawei SNS5120			
5	Emulex LP11000,LP11002  HP AD168A/FC2243  IBM 42D0405,42D0407	QLogic SANbox 5800,5802  Huawei SNS2120	7.4.0.21.0	OceanStor S2200T	
6	Dell LP1150-E  Emulex LP1150	Brocade 300	v6.4.0b	OceanStor S2200T	See <sup>1,3,4</sup>
		EMC Connectrix DS-300B/DS-300B-EP			
		HP StorageWorks 8/8 and 8/24 SAN Switches			
		IBM System Storage SAN24B-4 Express			
		Brocade 48000	v6.4.0b	OceanStor S2200T	See <sup>2</sup>
		Brocade 3850	v5.3.2c	OceanStor S2200T	
		Cisco MDS 9120	3.0(2a)	OceanStor S2200T	
7	Dell LPe11002-E  Emulex LPe11000,LPe11002  HP A8003A/FC2242SR  IBM 42C2069,42C2071	Brocade 12000	v5.0.5b	OceanStor S2200T	
		Brocade 200E	v6.1.0a,v6.2.2b,v6.2.0g	OceanStor S2200T	
		EMC Connectrix DS-220B			
		Brocade 300	v6.3.1a,v6.4.1a,v6.4.2,v6.4.1b,v7.0.0b	OceanStor S2200T	See <sup>1,3,4</sup>
		EMC Connectrix DS-300B/DS-300B-EP			
		HP StorageWorks 8/8 and 8/24 SAN Switches			
		IBM System Storage SAN24B-4 Express			
		Brocade 300	v7.1.0a	OceanStor S2200T	See <sup>1,3,4</sup>
		EMC Connectrix DS-300B/DS-300B-EP			

		<p>HP StorageWorks 8/8 and 8/24 SAN Switches</p> <p>IBM System Storage SAN24B-4 Express</p> <p>Huawei SNS2124</p>			
		Brocade 3250	v5.0.0,v4.4.0b	OceanStor S2200T	
		Brocade 3900	v5.3.2c,v5.2.3c	OceanStor S2200T	
		Brocade 4100	v6.2.0b	OceanStor S2200T	
		<p>Brocade 5100</p> <p>EMC Connectrix DS-5100B/DS-5100B-EP</p> <p>HP StorageWorks 8/40 SAN Switch</p> <p>IBM System Storage SAN40B-4</p>	v6.3.1a,v6.4.0b,v6.4.1a	OceanStor S2200T	See <sup>1,3,4</sup>
		Cisco MDS 9120	3.0(2a)	OceanStor S2200T	
		Cisco MDS 9124	4.1(3a)	OceanStor S2200T	
		EMC DS-5000B	v5.3.0a,v6.4.0b	OceanStor S2200T	
		QLogic SANbox 5800,5802	7.4.0.16.0,7.4.0.21.0,8.0.13.8.0,8.0.13.11.0,8.0.12.3.0	OceanStor S2200T	
		Huawei SNS2120			
		McDATA 4300	06.02.00 22	OceanStor S2200T	
		McDATA 4700	09.06.02 4	OceanStor S2200T	
		QLogic SANbox 9200	7.8.0.8.0	OceanStor S2200T	
		Huawei SNS5120			
8	<p>Emulex LPe1105-HP</p> <p>HP 403621-B21</p>	<p>Brocade 300</p> <p>EMC Connectrix DS-300B/DS-300B-EP</p> <p>HP StorageWorks 8/8 and 8/24 SAN Switches</p> <p>IBM System Storage SAN24B-4 Express</p>	v6.2.0c	OceanStor S2200T	See <sup>1,3,4</sup>
9	Fujitsu BX600-FC42E	<p>Brocade 5100</p> <p>EMC Connectrix DS-5100B/DS-5100B-EP</p>	v7.0.0c	OceanStor S2200T	See <sup>1,3,4</sup>

		HP StorageWorks 8/40 SAN Switch IBM System Storage SAN40B-4			
10	Emulex LPe111	Brocade 200E EMC Connectrix DS-220B	v6.2.2b,v6.1.0a,v6.2.0b,v6.2.0g	OceanStor S2200T	
		Brocade 300 EMC Connectrix DS-300B/DS-300B-EP HP StorageWorks 8/8 and 8/24 SAN Switches IBM System Storage SAN24B-4 Express	v6.3.1a,v6.4.1b	OceanStor S2200T	See <sup>1,3,4</sup>
		Brocade 4100	v6.2.0b	OceanStor S2200T	
		Brocade 5100 EMC Connectrix DS-5100B/DS-5100B-EP HP StorageWorks 8/40 SAN Switch IBM System Storage SAN40B-4	v6.3.1a,v6.4.0b	OceanStor S2200T	See <sup>1,3,4</sup>
		Cisco MDS 9120	4.1(3a)	OceanStor S2200T	
		QLogic SANbox 5800,5802 Huawei SNS2120	7.4.0.21.0,8.2.0.33.3p,8.0.13.2.0	OceanStor S2200T	
		Brocade 12000	v5.0.5b	OceanStor S2200T	
		HP A8002A/FC2142SR	Brocade 200E EMC Connectrix DS-220B	v6.2.2b	OceanStor S2200T
Brocade 300 EMC Connectrix DS-300B/DS-300B-EP HP StorageWorks 8/8 and 8/24 SAN Switches IBM System Storage SAN24B-4 Express	v6.2.0c,v6.3.1a,v6.4.0b,v6.4.1a,v6.4.1b		OceanStor S2200T	See <sup>1,3,4</sup>	

		Brocade 48000	v6.4.0b	OceanStor S2200T	See <sup>2</sup>
		Brocade 5100	v6.3.1a,v6.4.0b	OceanStor S2200T	See <sup>1,3,4</sup>
		EMC Connectrix DS-5100B/DS-5100B-EP			
		HP StorageWorks 8/40 SAN Switch			
		IBM System Storage SAN40B-4			
		EMC DS-5000B	v6.2.0b,v6.4.0b	OceanStor S2200T	
		QLogic SANbox 5800,5802	7.4.0.21.0,8.0.13.2.0	OceanStor S2200T	
		Huawei SNS2120			
		QLogic SANbox 9200	7.8.0.8.0	OceanStor S2200T	
		Huawei SNS5120			
12	Dell LPe12000-E,LPe12002-E	Brocade 200E	v6.2.0b	OceanStor S2200T	
	Emulex LPe12000,LPe12002	EMC Connectrix DS-220B			
	HP AJ762A/81E,AJ763A/82E	Brocade 300	v6.3.1a,v6.4.0a,v6.4.1a,v6.4.1b,v 7.0.0b	OceanStor S2200T	See <sup>1,3,4</sup>
	IBM 42D0485,42D0494	EMC Connectrix DS-300B/DS-300B-EP			
		HP StorageWorks 8/8 and 8/24 SAN Switches			
		IBM System Storage SAN24B-4 Express			
		Brocade 300	v7.1.0a	OceanStor S2200T	See <sup>1,3,4</sup>
		EMC Connectrix DS-300B/DS-300B-EP			
		HP StorageWorks 8/8 and 8/24 SAN Switches			
		IBM System Storage SAN24B-4 Express			
		Huawei SNS2124			
		Brocade 48000	v6.4.0b	OceanStor S2200T	See <sup>2</sup>
		Brocade 5100	v6.3.1a,v6.4.0b,v6.4.1a,v7.1.1	OceanStor S2200T	See <sup>1,3,4</sup>

	EMC Connectrix DS-5100B/DS-5100B-EP			
	HP StorageWorks 8/40 SAN Switch			
	IBM System Storage SAN40B-4			
	Brocade 6505,6510	v7.1.0a	OceanStor S2200T	See <sup>1,3,4</sup>
	EMC Connectrix DS-6505F-8GB,Connectrix DS-6510F-8GB/DS-6510R-8GB			
	HP SN3000B,SN6000B FC Switch			
	IBM System Storage SAN24B-5,System Storage SAN48B-5			
	Huawei SNS2224,SNS2248			
	Brocade DCX	v6.3.1a	OceanStor S2200T	
	EMC Connectrox ED-DCX-B			
	HP StorageWorks DCX SAN Backbone Director			
	IBM System Storage SAN768B			
	Brocade DCX 8510-4 Backbone	v7.0.1	OceanStor S2200T	See <sup>1,3,4</sup>
	EMC Connectrox ED-DCX8510-4B			
	HP SN8000B SAN Director 4-slot			
	IBM System Storage SAN768B-2			
	Cisco MDS 9124	4.1(3a),5.0(1a)	OceanStor S2200T	
	Cisco MDS 9148	5.0(1a)	OceanStor S2200T	
	QLogic SANbox 5800,5802	7.4.0.16.0,7.4.0.21.0,7.4.0.26.0,8. 0.13.11.0,8.0.13.8.0	OceanStor S2200T	
	Huawei SNS2120			
	McDATA 4700	v9.06.02.4	OceanStor S2200T	
	QLogic SANbox 9200	7.8.0.8.0	OceanStor S2200T	
	Huawei SNS5120			

		Silkworm4140	v6.2.0b	OceanStor S2200T	
13	Emulex LPe1205	Brocade 300	v6.3.1a,v6.4.1a,v6.4.1b	OceanStor S2200T	See <sup>1,3,4</sup>
		EMC Connectrix DS-300B/DS-300B-EP			
		HP StorageWorks 8/8 and 8/24 SAN Switches			
		IBM System Storage SAN24B-4 Express			
		Brocade 5470 Embedded Switch	v6.3.1b,v6.4.2	OceanStor S2200T	See <sup>1,3</sup>
		QLogic 8 Gb Intelligent Pass-thru Module for IBM BladeCenter	7.10.1.26.0	OceanStor S2200T	
		QLogic SANbox 5800,5802	8.0.13.4.0	OceanStor S2200T	
		Huawei SNS2120			
		QLogic SANbox 9200	7.8.0.8.0,7.8.0.12.0	OceanStor S2200T	
		Huawei SNS5120			
14	Emulex LPe1250	Brocade 300	v6.3.1a,v6.4.1a	OceanStor S2200T	See <sup>1,3,4</sup>
		EMC Connectrix DS-300B/DS-300B-EP			
		HP StorageWorks 8/8 and 8/24 SAN Switches			
		IBM System Storage SAN24B-4 Express			
		Brocade 4100	v6.2.0b	OceanStor S2200T	
		Brocade 5100	v6.3.1a,v6.4.0b,v7.1.1	OceanStor S2200T	See <sup>1,3,4</sup>
		EMC Connectrix DS-5100B/DS-5100B-EP			
HP StorageWorks 8/40 SAN Switch					
IBM System Storage SAN40B-4					
		QLogic SANbox 5800,5802	7.4.0.10.0,7.4.0.21.0	OceanStor S2200T	
		Huawei SNS2120			
		QLogic SANbox 9200	7.8.0.8.0	OceanStor S2200T	

		Huawei SNS5120			
15	HP 451871-B21  QLogic QMH2562	HP B-series 8/24c SAN Switch BladeSystem c-Class	v6.4.1a	OceanStor S2200T	See <sup>1,3</sup>
		Brocade 300  EMC Connectrix DS-300B/DS-300B-EP  HP StorageWorks 8/8 and 8/24 SAN Switches  IBM System Storage SAN24B-4 Express	v7.0.2a,v6.4.3d	OceanStor S2200T	See <sup>1,3</sup>
		Cisco MDS 9148	5.2(2d)	OceanStor S2200T	
16	HP A5158A	Brocade 200E	v6.2.2b	OceanStor S2200T	
		EMC Connectrix DS-220B			
17	HP A9784A	Brocade 200E	v5.3.1a	OceanStor S2200T	
		EMC Connectrix DS-220B			
18	HP A6795A	Brocade 200E	v6.2.0g	OceanStor S2200T	
		EMC Connectrix DS-220B			
		Brocade 300  EMC Connectrix DS-300B/DS-300B-EP  HP StorageWorks 8/8 and 8/24 SAN Switches  IBM System Storage SAN24B-4 Express	v6.4.1a,v7.0.0c	OceanStor S2200T	See <sup>1,3,4</sup>
		Brocade 48000	V5.3.0d	OceanStor S2200T	See <sup>2</sup>
		Brocade 5100  EMC Connectrix DS-5100B/DS-5100B-EP  HP StorageWorks 8/40 SAN Switch  IBM System Storage SAN40B-4	v6.3.1a	OceanStor S2200T	See <sup>1,3,4</sup>
19	HP AB379A	Brocade 300	v6.3.1a	OceanStor S2200T	See <sup>1,3,4</sup>



		EMC Connectrix DS-300B/DS-300B-EP  HP StorageWorks 8/8 and 8/24 SAN Switches  IBM System Storage SAN24B-4 Express			
		Brocade 5100  EMC Connectrix DS-5100B/DS-5100B-EP  HP StorageWorks 8/40 SAN Switch  IBM System Storage SAN40B-4	v6.3.1a	OceanStor S2200T	See <sup>1,3,4</sup>
20	HP AD193A	Brocade 200E  EMC Connectrix DS-220B	v6.0.0,v6.2.0g	OceanStor S2200T	
		Brocade 300  EMC Connectrix DS-300B/DS-300B-EP  HP StorageWorks 8/8 and 8/24 SAN Switches  IBM System Storage SAN24B-4 Express	v6.4.0a,v7.0.0c	OceanStor S2200T	See <sup>1,3,4</sup>
		Brocade 5100  EMC Connectrix DS-5100B/DS-5100B-EP  HP StorageWorks 8/40 SAN Switch  IBM System Storage SAN40B-4	v6.4.1a	OceanStor S2200T	See <sup>1,3,4</sup>
		QLogic SANbox 9200  Huawei SNS5120	7.8.0.8.0	OceanStor S2200T	
21	HP AD355A	Brocade 200E  EMC Connectrix DS-220B	v6.1.0a	OceanStor S2200T	
		Brocade 300	v6.3.1a	OceanStor S2200T	See <sup>1,3,4</sup>

		<p>EMC Connectrix DS-300B/DS-300B-EP</p> <p>HP StorageWorks 8/8 and 8/24 SAN Switches</p> <p>IBM System Storage SAN24B-4 Express</p>			
		Cisco MDS 9124	4.1(3a)	OceanStor S2200T	
		QLogic SANbox 5800,5802	7.4.0.21.0	OceanStor S2200T	
		Huawei SNS2120			
		QLogic SANbox 9200	7.8.0.8.0	OceanStor S2200T	
		Huawei SNS5120			
22	HP AD393A	<p>Brocade 300</p> <p>EMC Connectrix DS-300B/DS-300B-EP</p> <p>HP StorageWorks 8/8 and 8/24 SAN Switches</p> <p>IBM System Storage SAN24B-4 Express</p>	v6.3.1a	OceanStor S2200T	See <sup>1,3,4</sup>
23	HP AH401A	<p>Brocade 300</p> <p>EMC Connectrix DS-300B/DS-300B-EP</p> <p>HP StorageWorks 8/8 and 8/24 SAN Switches</p> <p>IBM System Storage SAN24B-4 Express</p>	v6.3.1a,v6.2.0d	OceanStor S2200T	See <sup>1,3,4</sup>
		<p>Brocade 6505,6510</p> <p>EMC Connectrix DS-6505F-8GB,Connectrix DS-6510F-8GB/DS-6510R-8GB</p> <p>HP SN3000B,SN6000B FC Switch</p>	v7.1.0a	OceanStor S2200T	See <sup>1,3,4</sup>

		<p>IBM System Storage SAN24B-5, System Storage SAN48B-5</p> <p>Huawei SNS2224, SNS2248</p>			
		<p>Brocade DCX 8510-4 Backbone</p> <p>EMC Connectrix ED-DCX8510-4B</p> <p>HP SN8000B SAN Director 4-slot</p> <p>IBM System Storage SAN768B-2</p>	v7.0.1	OceanStor S2200T	See <sup>1,3,4</sup>
24	HP AH403A	<p>Brocade 300</p> <p>EMC Connectrix DS-300B/DS-300B-EP</p> <p>HP StorageWorks 8/8 and 8/24 SAN Switches</p> <p>IBM System Storage SAN24B-4 Express</p>	v6.4.0b	OceanStor S2200T	See <sup>1,3,4</sup>
25	IBM 5716,280B	<p>Brocade 300</p> <p>EMC Connectrix DS-300B/DS-300B-EP</p> <p>HP StorageWorks 8/8 and 8/24 SAN Switches</p> <p>IBM System Storage SAN24B-4 Express</p>	v6.3.1a, v6.4.3b, v7.0.2c	OceanStor S2200T	See <sup>1,3,4</sup>
		<p>Brocade 300</p> <p>EMC Connectrix DS-300B/DS-300B-EP</p> <p>HP StorageWorks 8/8 and 8/24 SAN Switches</p> <p>IBM System Storage SAN24B-4 Express</p>	v7.1.0a	OceanStor S2200T	See <sup>1,3,4</sup>

		Huawei SNS2124			
		QLogic SANbox 5800,5802	7.4.0.21.0	OceanStor S2200T	
		Huawei SNS2120			
		Borcade 3850	v5.3.1b	OceanStor S2200T	
26	IBM 5758,280D,5759	Brocade 200E	v5.3.0	OceanStor S2200T	
		EMC Connectrix DS-220B			
		Brocade 300	v6.3.1a,v6.4.0b	OceanStor S2200T	See <sup>1,3,4</sup>
		EMC Connectrix DS-300B/DS-300B-EP			
		HP StorageWorks 8/8 and 8/24 SAN Switches			
		IBM System Storage SAN24B-4 Express			
		Brocade 300	v7.1.0a	OceanStor S2200T	See <sup>1,3,4</sup>
		EMC Connectrix DS-300B/DS-300B-EP			
		HP StorageWorks 8/8 and 8/24 SAN Switches			
		IBM System Storage SAN24B-4 Express			
		Huawei SNS2124			
		Brocade 3850	v5.3.2c	OceanStor S2200T	
		Brocade 48000	v6.4.0b	OceanStor S2200T	See <sup>2</sup>
		Cisco MDS 9124	v5.0(1a)	OceanStor S2200T	
27	IBM 5773,5774	Brocade 200E	v6.2.2b	OceanStor S2200T	
		EMC Connectrix DS-220B			
		Brocade 300	v6.2.0d,v6.4.0a,v6.4.0b,v6.4.2a,v7.0.0c,v7.0.2a,v7.1.1,v6.3.1a,v7.0.2c	OceanStor S2200T	See <sup>1,3,4</sup>
		EMC Connectrix DS-300B/DS-300B-EP			
		HP StorageWorks 8/8 and 8/24 SAN Switches			

		IBM System Storage SAN24B-4 Express			
		Brocade 300  EMC Connectrix DS-300B/DS-300B-EP  HP StorageWorks 8/8 and 8/24 SAN Switches  IBM System Storage SAN24B-4 Express  Huawei SNS2124	v7.1.0a	OceanStor S2200T	See <sup>1,3,4</sup>
		Brocade 4100	v5.0.4a	OceanStor S2200T	
		Brocade 5100  EMC Connectrix DS-5100B/DS-5100B-EP  HP StorageWorks 8/40 SAN Switch  IBM System Storage SAN40B-4	V6.4.2,v7.1.0a	OceanStor S2200T	See <sup>1,3,4</sup>
		Brocade 6505,6510  EMC Connectrix DS-6505F-8GB,Connectrix DS-6510F-8GB/DS-6510R-8GB  HP SN3000B,SN6000B FC Switch  IBM System Storage SAN24B-5, System Storage SAN48B-5  Huawei SNS2224,SNS2248	v7.1.0a	OceanStor S2200T	See <sup>1,3,4</sup>
		Brocade 48000	v6.4.0b,v6.4.2b,v6.1.1a	OceanStor S2200T	See <sup>2</sup>
		Cisco MDS9513	4.2(5)	OceanStor S2200T	See <sup>2</sup>
		QLogic SANbox 5800,5802  Huawei SNS2120	7.4.0.21.0,8.0.13.8.0	OceanStor S2200T	
		McDATA 4300	v6.2.0.22	OceanStor S2200T	
28	IBM 5735,577D	Brocade 300	v6.4.0b,v6.4.2,v6.4.1b,v7.0.2a,v7.0.2c	OceanStor S2200T	See <sup>1,3,4</sup>

	EMC Connectrix DS-300B/DS-300B-EP  HP StorageWorks 8/8 and 8/24 SAN Switches  IBM System Storage SAN24B-4 Express			
	Brocade 300  EMC Connectrix DS-300B/DS-300B-EP  HP StorageWorks 8/8 and 8/24 SAN Switches  IBM System Storage SAN24B-4 Express  Huawei SNS2124	v7.1.0a	OceanStor S2200T	See <sup>1,3,4</sup>
	Brocade 5000	v6.1.0a	OceanStor S2200T	
	Brocade 5100  EMC Connectrix DS-5100B/DS-5100B-EP  HP StorageWorks 8/40 SAN Switch  IBM System Storage SAN40B-4	v6.3.1a,v6.4.1a	OceanStor S2200T	See <sup>1,3,4</sup>
	Brocade 6505,6510  EMC Connectrix DS-6505F-8GB,Connectrix DS-6510F-8GB/DS-6510R-8GB  HP SN3000B,SN6000B FC Switch  IBM System Storage SAN24B-5, System Storage SAN48B-5  Huawei SNS2224,SNS2248	v7.1.0a	OceanStor S2200T	See <sup>1,3,4</sup>
	Brocade DCX 8510-4 Backbone	v7.0.1	OceanStor S2200T	See <sup>1,3,4</sup>

		EMC Connectrox ED-DCX8510-4B			
		HP SN8000B SAN Director 4-slot			
		IBM System Storage SAN768B-2			
		QLogic SANbox 5800,5802	7.4.0.21.0	OceanStor S2200T	
		Huawei SNS2120			
29	IBM 577F	Brocade 6510	v6.4.2b	OceanStor S2200T	
		System Storage SAN48B-5			
		SN6000B FC Switch			
		Connectrix DS-6510F-8GB/DS-6510R-8GB			
30	LSI 7204EP	Brocade 200E	v5.0.1b	OceanStor S2200T	
		EMC Connectrix DS-220B			
		QLogic SANbox 5800,5802	7.4.0.21.0	OceanStor S2200T	
		Huawei SNS2120			
31	Oracle Sun SG-XPCI1FC-QF2-N	Brocade 4100	v5.0.4a	OceanStor S2200T	
32	Oracle Sun SG-XPCI1FC-QF4-N,SG-XPC I2FC-QF4-N	Brocade 200E	v6.0.1a	OceanStor S2200T	
		EMC Connectrix DS-220B			
		Brocade 5100	v5.3.0a,v6.4.0b	OceanStor S2200T	See <sup>1,3,4</sup>
		EMC Connectrix DS-5100B/DS-5100B-EP			
		HP StorageWorks 8/40 SAN Switch			
		IBM System Storage SAN40B-4			
		QLogic SANbox 5800,5802	7.4.0.16.0	OceanStor S2200T	
		Huawei SNS2120			
33	Oracle Sun SG-XPCIE1FC-QF4-N,SG-XP CIE2FC-QF4-N	Brocade 200E	v5.0.1b	OceanStor S2200T	
		EMC Connectrix DS-220B			
		Brocade 5100	v5.3.0a	OceanStor S2200T	See <sup>1,3,4</sup>
		EMC Connectrix			

		DS-5100B/DS-5100B-EP  HP StorageWorks 8/40 SAN Switch  IBM System Storage SAN40B-4			
		Brocade 300  EMC Connectrix DS-300B/DS-300B-EP  HP StorageWorks 8/8 and 8/24 SAN Switches  IBM System Storage SAN24B-4 Express	v6.4.3d	OceanStor S2200T	See <sup>1,3,4</sup>
		QLogic SANbox 5800,5802  Huawei SNS2120	7.4.0.21.0	OceanStor S2200T	
34	Oracle Sun SG-XPCIE1FC-QF8-N,SG-XPCIE 2FC-QF8-N	Brocade 300  EMC Connectrix DS-300B/DS-300B-EP  HP StorageWorks 8/8 and 8/24 SAN Switches  IBM System Storage SAN24B-4 Express	v6.2.0d	OceanStor S2200T	See <sup>1,3,4</sup>
		Brocade 5100  EMC Connectrix DS-5100B/DS-5100B-EP  HP StorageWorks 8/40 SAN Switch  IBM System Storage SAN40B-4	v6.3.1a	OceanStor S2200T	See <sup>1,3,4</sup>
		Brocade 6505,6510  EMC Connectrix DS-6505F-8GB,Connectrix DS-6510F-8GB/DS-6510R-8GB  HP SN3000B,SN6000B FC Switch	v7.1.0a	OceanStor S2200T	See <sup>1,3,4</sup>



		IBM System Storage SAN24B-5, System Storage SAN48B-5  Huawei SNS2224, SNS2248			
		Brocade DCX 8510-4 Backbone  EMC Connectrox ED-DCX8510-4B  HP SN8000B SAN Director 4-slot  IBM System Storage SAN768B-2	v7.0.1	OceanStor S2200T	
		QLogic SANbox 5800,5802  Huawei SNS2120	7.4.0.21.0	OceanStor S2200T	
35	Oracle Sun SG-XPCI1FC-EM2-N	Brocade 4100	v4.4.0b	OceanStor S2200T	
		Brocade 48000	v6.2.2	OceanStor S2200T	See <sup>2</sup>
36	Oracle Sun SG-XPCIE1FC-EM4-N, SG-XPCI2 FC-EM4-Z-N	QLogic SANbox 5800,5802  Huawei SNS2120	7.4.0.21.0	OceanStor S2200T	
		Brocade 300  EMC Connectrix DS-300B/DS-300B-EP  HP StorageWorks 8/8 and 8/24 SAN Switches  IBM System Storage SAN24B-4 Express	v6.4.0b	OceanStor S2200T	See <sup>1,3,4</sup>
		Brocade 48000	v6.4.0b	OceanStor S2200T	See <sup>2</sup>
37	Oracle Sun SG-XPCIE1FC-EM8-N, SG-XPCIE 2FC-EM8-N	Brocade 300  EMC Connectrix DS-300B/DS-300B-EP  HP StorageWorks 8/8 and 8/24 SAN Switches  IBM System Storage SAN24B-4 Express	v6.3.1a, v6.4.1b	OceanStor S2200T	See <sup>1,3,4</sup>
		Brocade 5100	v6.4.0b	OceanStor S2200T	See <sup>1,3,4</sup>

		EMC Connectrix DS-5100B/DS-5100B-EP			
		HP StorageWorks 8/40 SAN Switch			
		IBM System Storage SAN40B-4			
		Cisco MDS 9124	4.1(3a)	OceanStor S2200T	
		QLogic SANbox 5800,5802	7.4.0.21.0	OceanStor S2200T	
		Huawei SNS2120			
38	Oracle Sun SG-XPCI2FC-QF2,SG-XPCI1FC- QL2	Brocade 200E  EMC Connectrix DS-220B	v6.1.1a	OceanStor S2200T	
39	HP AB429A/FC1143,AE369A/FC1243  IBM 39M5894,39M5895  QLogic QLA2460,QLA2462	Brocade 200E  EMC Connectrix DS-220B	v6.1.0a	OceanStor S2200T	
		Brocade 3850	v5.3.1b	OceanStor S2200T	
		Brocade 5100  EMC Connectrix DS-5100B/DS-5100B-EP  HP StorageWorks 8/40 SAN Switch  IBM System Storage SAN40B-4	v6.4.0b	OceanStor S2200T	See <sup>1,3,4</sup>
		QLogic SANbox 5800,5802  Huawei SNS2120	7.4.0.16.0,7.4.0.21.0	OceanStor S2200T	
40	QLogic QLE220	QLogic SANbox 5800,5802  Huawei SNS2120	7.4.0.21.0	OceanStor S2200T	
41	Dell PF323,FH590,DH226,FF340  QLogic QLE2460,QLE2462	Brocade 200E  EMC Connectrix DS-220B	v5.0.1b,v6.2.0b	OceanStor S2200T	
	HP AE311A/FC1142SR,AE312A/FC12 42SR  IBM 39R6525,39R6527	Brocade 300  EMC Connectrix DS-300B/DS-300B-EP  HP StorageWorks 8/8 and 8/24 SAN Switches  IBM System Storage SAN24B-4 Express	v6.2.0c,v6.3.1a,v6.4.1a,v6.4.1b	OceanStor S2200T	See <sup>1,3,4</sup>

		Brocade 3850	v5.3.1b	OceanStor S2200T	
		Brocade 4100	v6.2.0b	OceanStor S2200T	
		Brocade 5100 EMC Connectrix DS-5100B/DS-5100B-EP HP StorageWorks 8/40 SAN Switch IBM System Storage SAN40B-4	v6.2.0d,v6.3.1a,v6.4.0b,v6.4.1a,v 7.1.1	OceanStor S2200T	See <sup>1,3,4</sup>
		Brocade 6505,6510 EMC Connectrix DS-6505F-8GB,Connectrix DS-6510F-8GB/DS-6510R-8GB HP SN3000B,SN6000B FC Switch IBM System Storage SAN24B-5, System Storage SAN48B-5	v7.0.0a	OceanStor S2200T	
		Brocade 7500 EMC Connectrix MP-7500B	v6.1.1a	OceanStor S2200T	
		Brocade 48000	v6.4.0b	OceanStor S2200T	
		Cisco MDS 9124	4.1(3a)	OceanStor S2200T	
		Cisco MDS 9506 (with DS-X9112)	2.1(2b)	OceanStor S2200T	See <sup>5</sup>
		EMC DS-5000B	v5.3.0a,v6.4.0b	OceanStor S2200T	
		QLogic SANbox 5800,5802 Huawei SNS2120	7.4.0.21.0,7.4.0.28.1,8.0.12.3.0,8. 0.13.8.0	OceanStor S2200T	
		QLogic SANbox5200	5.0.0.17.0	OceanStor S2200T	
		QLogic SANbox5600	6.8.0.3.0	OceanStor S2200T	
		QLogic SANbox 9200 Huawei SNS5120	7.8.0.8.0,7.8.0.12.0	OceanStor S2200T	
		SilkWorm 3850	5.3.1b	OceanStor S2200T	
		Silkworm4140	v6.2.0b	OceanStor S2200T	
42	Dell F641C,H144C QLogic QLE2560,QLE2562 HP AK344A/81Q,AJ764A/82Q	Brocade 200E EMC Connectrix DS-220B Brocade 300 EMC Connectrix	v6.2.0b,v6.2.2b  v6.2.0d,v6.3.1a,v6.4.0a,v6.4.1a,v 6.4.1b,v6.4.2,v6.4.2a,v7.0.0b,v7.0 .2a	OceanStor S2200T  OceanStor S2200T	  See <sup>1,3,4</sup>

IBM 42D0501,42D0510	DS-300B/DS-300B-EP  HP StorageWorks 8/8 and 8/24 SAN Switches  IBM System Storage SAN24B-4 Express			
	Brocade 300  EMC Connectrix DS-300B/DS-300B-EP  HP StorageWorks 8/8 and 8/24 SAN Switches  IBM System Storage SAN24B-4 Express  Huawei SNS2124	v7.1.0a,v7.2.1a	OceanStor S2200T	See <sup>1,3,4</sup>
	Brocade 3850	v5.3.2c	OceanStor S2200T	
	Brocade 5100  EMC Connectrix DS-5100B/DS-5100B-EP  HP StorageWorks 8/40 SAN Switch  IBM System Storage SAN40B-4	v6.2.2b,v6.3.1a,v6.4.0b,v6.4.1a,v 7.0.2a,v7.0.0b,7.1.0c	OceanStor S2200T	See <sup>1,3,4</sup>
	Brocade 6505,6510  EMC Connectrix DS-6505F-8GB,Connectrix DS-6510F-8GB/DS-6510R-8GB  HP SN3000B,SN6000B FC Switch  IBM System Storage SAN24B-5, System Storage SAN48B-5  Huawei SNS2224,SNS2248	v7.1.0a	OceanStor S2200T	See <sup>1,3,4</sup>
	Brocade 48000	v6.4.2	OceanStor S2200T	See <sup>2</sup>
	Brocade 7500E	v6.1.1a	OceanStor S2200T	

		IBM System Storage SAN04B-R			
		Brocade DCX	V7.0.2b	OceanStor S2200T	See <sup>1,3,4</sup>
		EMC Connectrox ED-DCX-B			
		HP StorageWorks DCX SAN Backbone Director			
		IBM System Storage SAN768B			
		Brocade DCX 8510-4 Backbone	v7.0.1	OceanStor S2200T	See <sup>1,3,4</sup>
		EMC Connectrox ED-DCX8510-4B			
		HP SN8000B SAN Director 4-slot			
		IBM System Storage SAN768B-2			
		Cisco Nexus5010	5.1(3)N1(1)	OceanStor S2200T	
		Cisco Nexus5548	5.1(3)N1(1a)	OceanStor S2200T	
		Cisco MDS9124	5.0(1a)	OceanStor S2200T	
		Cisco MDS9148	5.0(1a)	OceanStor S2200T	
		Cisco MDS 9506 (with DS-X9112)	2.1(2b)	OceanStor S2200T	See <sup>5</sup>
		EMC DS-5000B	v6.4.0b	OceanStor S2200T	
		QLogic SANbox 5800,5802	7.4.0.21.0,7.4.0.23.0,7.4.0.26.1,7. 4.0.28.1,8.0.13.8.0,8.0.13.11.0	OceanStor S2200T	
		Huawei SNS2120			
		McDATA 6140	v9.02.01.1	OceanStor S2200T	
		QLogic SANbox 9200	7.8.0.8.0,7.8.0.12.0	OceanStor S2200T	
		Huawei SNS5120			
43	QLogic QMH2462	Brocade 200E	v6.2.2e	OceanStor S2200T	
	HP 403619-B21	EMC Connectrix DS-220B			
		HP B-series 8/24c SAN Switch BladeSystem c-Class	v6.4.1a	OceanStor S2200T	See <sup>1,3,4</sup>
		Brocade 48000	v5.3.0d	OceanStor S2200T	See <sup>2</sup>
		Brocade 4100	v4.4.0b	OceanStor S2200T	
		Brocade 300	v6.4.3d	OceanStor S2200T	See <sup>1,3,4</sup>
		EMC Connectrix DS-300B/DS-300B-EP			
		HP StorageWorks 8/8 and 8/24 SAN Switches			

		IBM System Storage SAN24B-4 Express			
		Brocade 6505,6510  EMC Connectrix DS-6505F-8GB,Connectrix DS-6510F-8GB/DS-6510R-8GB  HP SN3000B,SN6000B FC Switch  IBM System Storage SAN24B-5,System Storage SAN48B-5	v7.0.0a	OceanStor S2200T	
		QLogic SANbox 5800,5802  Huawei SNS2120	8.0.13.4.0	OceanStor S2200T	
44	QLogic QMI2572  IBM 46M6065	Brocade 300  EMC Connectrix DS-300B/DS-300B-EP  HP StorageWorks 8/8 and 8/24 SAN Switches  IBM System Storage SAN24B-4 Express	v6.3.1a,v6.3.2b	OceanStor S2200T	See <sup>1,3,4</sup>
		Brocade 5470 Embedded Switch	v6.3.1b,v6.4.2	OceanStor S2200T	See <sup>1,3</sup>
		QLogic 8 Gb Intelligent Pass-thru Module for IBM BladeCenter	7.10.1.26.0	OceanStor S2200T	4
45	Huawei QFMB(HBA for Huawei T8000 Blade)	Brocade 4018 Embedded Switch  Huawei NX120	v6.2.2c3,v5.0.5a	OceanStor S2200T	
46	Huawei QFMA(HBA for Huawei E6000 Blade)	Brocade 4018 Embedded Switch  Huawei NX120	v6.2.2c3	OceanStor S2200T	
47	Huawei MU220(HBA for Huawei E6000 BH622V2 Blade)	Huawei NX220	v7.0.1_hue	OceanStor S2200T	See <sup>1,3</sup>
48	Huawei MU221(HBA for Huawei E6000 BH622V2 Blade)	Brocade 4018 Embedded Switch  Huawei NX120	v6.2.2c3	OceanStor S2200T	See <sup>1,3</sup>
49	Brocade 1860-1,1860-2	Brocade 6505,6510  EMC Connectrix	v7.0.0a	OceanStor S2200T	

		DS-6505F-8GB,Connectrix DS-6510F-8GB/DS-6510R-8GB  HP SN3000B,SN6000B FC Switch  IBM System Storage SAN24B-5, System Storage SAN48B-5			
		Brocade DCX 8510-4 Backbone  EMC Connectrox ED-DCX8510-4B  HP SN8000B SAN Director 4-slot  IBM System Storage SAN768B-2	v7.0.1	OceanStor S2200T	See <sup>1,3,4</sup>
50	Emulex LPe1205-M	Brocade M5424 Embedded Switch	v6.4.2	OceanStor S2200T	See <sup>1,3</sup>
51	QLogic QME2572	Brocade M5424 Embedded Switch	v6.4.2	OceanStor S2200T	See <sup>1,3</sup>
52	HP 456972-B21	Brocade 300  EMC Connectrix DS-300B/DS-300B-EP  HP StorageWorks 8/8 and 8/24 SAN Switches  IBM System Storage SAN24B-4 Express	v7.0.2a	OceanStor S2200T	See <sup>1,3</sup>
53	Emulex LPe1205-HP	Brocade 300  EMC Connectrix DS-300B/DS-300B-EP  HP StorageWorks 8/8 and 8/24 SAN Switches  IBM System Storage SAN24B-4 Express	v7.0.2a	OceanStor S2200T	See <sup>1,3</sup>
54	QLogic QLA2340,QLA2342	Brocade 300  EMC Connectrix DS-300B/DS-300B-EP  HP StorageWorks 8/8 and 8/24	v7.0.2a	OceanStor S2200T	See <sup>1,3</sup>

		SAN Switches  IBM System Storage SAN24B-4 Express			
		Brocade DCX  EMC Connectrox ED-DCX-B  HP StorageWorks DCX SAN Backbone Director  IBM System Storage SAN768B	v6.4.0b	OceanStor S2200T	See <sup>1,3</sup>
55	Huawei MZ510	Huawei CX311	9.8.1.5.0	OceanStor S2200T	
56	Huawei MZ910	Huawei CX911	9.8.1.5.0,9.8.2.2.0	OceanStor S2200T	
		Huawei CX912	v7.1.0_huq	OceanStor S2200T	
57	ATTO Celerity FC-161E,FC-162E	Brocade DCX 8510-4 Backbone  EMC Connectrox ED-DCX8510-4B  HP SN8000B SAN Director 4-slot  IBM System Storage SAN768B-2	v7.0.1	OceanStor S2200T	See <sup>1,3,4</sup>
58	Emulex LPe16000,LPe16000	Brocade 6505,6510  EMC Connectrix DS-6505F-8GB,Connectrix DS-6510F-8GB/DS-6510R-8GB  HP SN3000B,SN6000B FC Switch  IBM System Storage SAN24B-5, System Storage SAN48B-5  Huawei SNS2224,SNS2248	v7.1.0a	OceanStor S2200T	See <sup>1,3,4</sup>
59	HP AT094A	Cisco MDS9148	5.0(1a)	OceanStor S2200T	
60	HP AB379B	Brocade 48000	V5.3.0d	OceanStor S2200T	See <sup>2</sup>

1. The disk storage system only supports Fabric topology in switch connection configuration.
2. The speed of the switch is 4Gbps.
3. When the switch is connected to the disk storage system at the rate of 8Gbps, the port on the switch must be configured to use "IDLE" as the fill word for the connectivity to be established. This can be done by running the "portcfgfillword <port number> 0" command for the port in use on the switch.
4. When the switch is connected to HP VC 8Gbps 20-port FC or VC FlexFabric 10Gbps/24-port module at the rate of 8Gbps, its configuration is required to be modified. For detail information, please see HP published document <Virtual Connect FlexFabric Cook >.



- The speed of the switch is 2Gbps.

## Long-distance transmission

NO.	Transmission System	Switch	Transmission Service	Disk Storage System	Notes
1	Huawei Optix OSN6800 <sup>1</sup>	Cisco MDS 9120	Block I/O Remote Replication	OceanStor S2200T	
2	Huawei Optix OSN6800 <sup>1</sup>	Cisco MDS 9124	Block I/O Remote Replication	OceanStor S2200T	

- The speed is 2Gbps.

## Volume Manager Software

### HP-UX

NO.	Operating System	Volume Manager Software	MultiPath Software	Disk Storage System	Notes
1	HP-UX 11i v3	Veritas VxVM 5.1 SP1,6.01,6.0.11	VxVM (DMP)	OceanStor S2200T	

- The disk storage system must enable ALUA function.

### IBM AIX

NO.	Operating System	Volume Manager Software	MultiPath Software	Disk Storage System	Notes
1	AIX 6.1	Veritas VxVM 6.0.1	VxVM (DMP)	OceanStor S2200T	See <sup>1</sup>
2	AIX 7.1	Veritas VxVM 6.0.1	VxVM (DMP)	OceanStor S2200T	See <sup>1</sup>

- The disk storage system must enable ALUA function.

### Red Hat

NO.	Operating System	Volume Manager Software	MultiPath Software	Disk Storage System	Notes
1	Red Hat Enterprise Linux 5	Veritas VxVM 6.0.1	VxVM (DMP)	OceanStor S2200T	See <sup>1</sup>
2	Red Hat Enterprise Linux 6	Veritas VxVM 6.0.1	VxVM (DMP)	OceanStor S2200T	See <sup>1</sup>

- The disk storage system must enable ALUA function.

### SUSE

NO.	Operating System	Volume Manager Software	MultiPath Software	Disk Storage System	Notes
1	SUSE Linux Enterprise Server 10	Veritas VxVM 6.0.1	VxVM (DMP)	OceanStor S2200T	See <sup>1</sup>
2	SUSE Linux Enterprise Server 11	Veritas VxVM 6.0.1	VxVM (DMP)	OceanStor S2200T	See <sup>1</sup>

- The disk storage system must enable ALUA function.

## Storage Virtualization

### Huawei

NO.	Virtual Intelligent Storage System	Disk Storage System	Notes
1	Huawei OceanStor VIS6300 Huawei OceanStor VIS6600	OceanStor S2200T	See <sup>1</sup>

- The versions of Huawei OceanStor VIS6300/VIS6600 are V100R002C01 and V100R002C02.

## IBM

NO.	Virtual Intelligent Storage System	Disk Storage System	Notes
1	IBM SVC	OceanStor S2200T	See <sup>1</sup>

1. The version of IBM SVC is 6.4.1.2 or later.

## Backup Software

### Storage used as backup media

#### CommVault

NO.	Backup Software	Operating System	Feature	MultiPath Software	Disk Storage System	Notes
1	CommVault Simpana 9.0	Microsoft Windows Server 2008 Enterprise x64 Edition SP1 <sup>1</sup>	Basic backup and recovery capabilities,Multi-path protetion	UltraPath	OceanStor S2200T	

1. Windows' san policy must be set to onlineall.The way please see <http://technet.microsoft.com/en-us/library/gg252636.aspx>.

#### EMC

NO.	Backup Software	Operating System	Feature	MultiPath Software	Disk Storage System	Notes
1	Networker 7.3.1	Microsoft Windows Server 2008 Enterprise x64 Edition SP1 <sup>1</sup>	Basic backup and recovery capabilities,Multi-path protetion	UltraPath	OceanStor S2200T	
2	Networker 7.6.5	AIX 6.1 TL07	Basic backup and recovery capabilities,Multi-path protetion	UltraPath	OceanStor S2200T	

1. Windows' san policy must be set to onlineall.The way please see <http://technet.microsoft.com/en-us/library/gg252636.aspx>.

#### HP

NO.	Backup Software	Operating System	Feature	MultiPath Software	Disk Storage System	Notes
1	Data Protector 6.2	SUSE Linux Enterprise Server 10 SP4 for x86_64	Basic backup and recovery capabilities,Multi-path protetion	UltraPath	OceanStor S2200T	

#### IBM

NO.	Backup Software	Operating System	Feature	MultiPath Software	Disk Storage System	Notes
1	Tivoli Storage Manager 5.5.0	Microsoft Windows Server 2008 Enterprise x64 Edition SP1 <sup>1</sup>	Basic backup and recovery capabilities,Multi-path protetion	UltraPath	OceanStor S2200T	

1. Windows' san policy must be set to onlineall.The way please see <http://technet.microsoft.com/en-us/library/gg252636.aspx>.

#### Symantec

NO.	Backup Software	Operating System	Feature	MultiPath Software	Disk Storage System	Notes
1	Symantec Backup Exec 2010 R3	Microsoft Windows Server 2003 Standard x86 Edition SP2	Basic backup and recovery capabilities, Multi-path protection	UltraPath	OceanStor S2200T	
2	Symantec NetBackup 7.5	Microsoft Windows Server 2003 Standard x86 Edition SP2	Basic backup and recovery capabilities, Multi-path protection	UltraPath	OceanStor S2200T	

Veeam

NO.	Backup Software	Operating System	Feature	MultiPath Software	Disk Storage System	Notes
1	Veeam Backup & Replication 6.5	Windows Server 2012 Standard x64 Edition	Basic backup and recovery capabilities, Multi-path protection	UltraPath	OceanStor S2200T	

# iSCSI Host Interface

This chapter contains the compatible information for storage system using iSCSI host interface.

## Base Connectivity

### CentOS x86

NO.	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	CentOS 4.4 for x86	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
2	CentOS 4.8 for x86	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
3	CentOS 5.7 for x86	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
4	CentOS 5.10 for x86	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
5	CentOS 6.2 for x86	Silicom PE210G2Pi9 NIC 10GbE		OceanStor S2200T	
6	CentOS 6.4 for x86	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	

### CentOS x86\_64

NO.	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	CentOS 4.4 for x86_64	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
2	CentOS 4.8 for x86_64	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
3	CentOS 5.7 for x86_64	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
4	CentOS 5.10 for x86_64	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
5	CentOS 6.2 for x86_64	Silicom PE210G2Pi9 NIC 10GbE		OceanStor S2200T	
6	CentOS 6.4 for x86_64	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	

### HP-UX

NO.	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	HP-UX 11i v1	Generic Vendor NIC GbE <sup>1</sup>	PV-Links	OceanStor S2200T	See <sup>4</sup>
2	HP-UX 11i v2	Generic Vendor NIC GbE <sup>2</sup>	PV-Links	OceanStor S2200T	See <sup>4</sup>
3	HP-UX 11i v3	Generic Vendor NIC GbE <sup>3</sup>	PV-Links	OceanStor S2200T	See <sup>4</sup>
4	HP-UX 11i v3	Generic Vendor NIC GbE <sup>3</sup>	NMP	OceanStor S2200T	See <sup>4</sup>

1. The iSCSI Initiator software is B.11.11.03f.
2. The iSCSI Initiator software is B.11.23.03f.
3. The iSCSI Initiator software is B.11.31.03b.
4. It is required to map LUNs to the host first, then add the initiator to the host, last test establish the connection between host and disk storage system.

### IBM AIX

NO.	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	AIX 5.3 TL12	IBM 5767 <sup>2</sup>		OceanStor S2200T	See <sup>1,4</sup>
2	AIX 6.1 TL6	IBM 5767 <sup>2</sup>		OceanStor S2200T	See <sup>3,4</sup>

1. The patch version is 5300-12-01-1016.
2. The iSCSI Initiator version is operating system bundle.

3. The patch version is 6100-06-01-1043.
4. Without MultiPath Software.

### Microsoft Windows x64

NO.	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Microsoft Windows Server 2003 Enterprise x64 Edition SP2 <sup>1</sup>	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	See <sup>4,10</sup>
2	Microsoft Windows Server 2003 Standard x64 Edition SP2 <sup>1</sup>	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	See <sup>4,10</sup>
3	Microsoft Windows Server 2003 Datacenter x64 Edition SP2 <sup>1</sup>	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	See <sup>4,10</sup>
4	Microsoft Windows Server 2003 R2 Enterprise x64 Edition SP2 <sup>1</sup>	Generic Vendor NIC GbE Intel X520-SR2 NIC 10GbE <sup>3</sup>	UltraPath	OceanStor S2200T	See <sup>4</sup>
5	Microsoft Windows Server 2003 R2 Standard x64 Edition SP2 <sup>1</sup>	Generic Vendor NIC GbE Intel X520-SR2 NIC 10GbE <sup>3</sup>	UltraPath	OceanStor S2200T	See <sup>4</sup>
6	Microsoft Windows Server 2003 R2 Datacenter x64 Edition SP2 <sup>1</sup>	Generic Vendor NIC GbE Intel X520-SR2 NIC 10GbE <sup>3</sup>	UltraPath	OceanStor S2200T	See <sup>4</sup>
7	Microsoft Windows Server 2008 Enterprise x64 Edition SP1 <sup>2</sup>	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	See <sup>4,8</sup>
8	Microsoft Windows Server 2008 Standard x64 Edition SP1 <sup>2</sup>	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	See <sup>4,8</sup>
9	Microsoft Windows Server 2008 Datacenter x64 Edition SP1 <sup>2</sup>	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	See <sup>4,8</sup>
10	Microsoft Windows Server 2008 Enterprise x64 Edition SP2 <sup>2</sup>	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	See <sup>5,11</sup>
11	Microsoft Windows Server 2008 Standard x64 Edition SP2 <sup>2</sup>	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	See <sup>5,11</sup>
12	Microsoft Windows Server 2008 Datacenter x64 Edition SP2 <sup>2</sup>	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	See <sup>5,11</sup>
13	Microsoft Windows Server 2008 R2 Enterprise x64 Edition <sup>2</sup>	Generic Vendor NIC GbE Intel X520-SR2 NIC 10GbE <sup>7</sup>	UltraPath	OceanStor S2200T	
14	Microsoft Windows Server 2008 R2 Standard x64 Edition <sup>2</sup>	Generic Vendor NIC GbE Intel X520-SR2 NIC 10GbE <sup>7</sup>	UltraPath	OceanStor S2200T	
15	Microsoft Windows Server 2008 R2 Datacenter x64 Edition <sup>2</sup>	Generic Vendor NIC GbE Intel X520-SR2 NIC 10GbE <sup>7</sup>	UltraPath	OceanStor S2200T	
16	Microsoft Windows Server 2008 R2 Enterprise x64 Edition SP1 <sup>2</sup>	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	

		Emulex OCe10102-NM NIC 10GbE,OCe11102-NM NIC 10GbE  HP NC553i Dual Port FlexFabric 10Gb Converged Network Adapter (embedded BE3) <sup>13</sup>  Intel X520-SR2 NIC 10GbE <sup>7</sup> ,I340-T4 NIC 10GbE <sup>6</sup>			
17	Microsoft Windows Server 2008 R2 Standard x64 Edition SP1 <sup>2</sup>	Generic Vendor NIC GbE  Emulex OCe10102-NM NIC 10GbE,OCe11102-NM NIC 10GbE  HP NC553i Dual Port FlexFabric 10Gb Converged Network Adapter (embedded BE3) <sup>13</sup>  Intel X520-SR2 NIC 10GbE <sup>7</sup> ,I340-T4 NIC 10GbE <sup>6</sup>	UltraPath	OceanStor S2200T	
18	Microsoft Windows Server 2008 R2 Datacenter x64 Edition SP1 <sup>2</sup>	Generic Vendor NIC GbE  Emulex OCe10102-NM NIC 10GbE,OCe11102-NM NIC 10GbE  HP NC553i Dual Port FlexFabric 10Gb Converged Network Adapter (embedded BE3) <sup>13</sup>  Intel X520-SR2 NIC 10GbE <sup>7</sup> ,I340-T4 NIC 10GbE <sup>6</sup>	UltraPath	OceanStor S2200T	
19	Microsoft Windows 7 Professional x64 Edition SP1 <sup>2</sup>	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
20	Microsoft Windows Storage Server 2008 R2 Enterprise x64 Edition SP1 <sup>2</sup>	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
21	Microsoft Windows Small Business Server 2011 Essentials SP1	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
		Generic Vendor NIC GbE	MPIO	OceanStor S2200T	See <sup>8,9</sup>
22	Microsoft Windows Server 2012 Datacenter x64 Edition	Generic Vendor NIC GbE  Intel X520-SR2 NIC 10GbE	UltraPath <sup>12</sup>	OceanStor S2200T	See <sup>16</sup>
23	Microsoft Windows Server 2012 Standard x64 Edition	Generic Vendor NIC GbE  Intel X520-SR2 NIC 10GbE	UltraPath <sup>12</sup>	OceanStor S2200T	See <sup>16</sup>

24	Microsoft Windows Server 2012 R2 Standard x64 Edition	Generic Vendor NIC GbE	MPIO	OceanStor S2200T	See <sup>8,9,16</sup>
		Intel X520-SR2 NIC 10GbE	UltraPath	OceanStor S2200T	See <sup>16</sup>
25	Microsoft Windows Server 2012 R2 Datacenter x64 Edition	Generic Vendor NIC GbE	MPIO	OceanStor S2200T	See <sup>8,9,16</sup>
		Intel X520-SR2 NIC 10GbE	UltraPath	OceanStor S2200T	See <sup>16</sup>
26	Microsoft Windows 8 Enterprise x64 Edition	Generic Vendor NIC GbE	UltraPath <sup>12</sup>	OceanStor S2200T	See <sup>16</sup>
		Intel X520-SR2 NIC 10GbE <sup>14</sup>			
27	Microsoft Windows 8.1 Enterprise x64 Edition <sup>2</sup>	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
		Emulex OCe11102-NM NIC 10GbE <sup>15</sup>			

- The iSCSI Initiator software is 2.08.
- The iSCSI Initiator version is operating system bundle.
- The bandwidth of one port is around 220MB/s in 10GE network because of the TCP/IP protocol stack limit of Windows 2003.
- Microsoft storport hotfix Q957910 is required. For detail information, please See <http://support.microsoft.com/kb/957910/en-us> .To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnm=957910&kbln=en-us> .
- Microsoft storport.sys hotfix Q968675 is required. For detail information, please See <http://support.microsoft.com/kb/968675/en-us> .To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnm=968675&kbln=en-us> .
- HBA driver version is 11.14.49.0.
- HBA driver version is 2.8.32.0.
- The disk storage system must enable ALUA function.
- For the detail configuration of MPIO,please contact the technical service centre of Huawei Technologies Co., Ltd..
- Microsoft storport hotfix Q931311 is required. For detail information, please See <http://support.microsoft.com/kb/931311/en-us> .To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnm=931311&kbln=en-us> .
- Microsoft storport hotfix Q970658 is required. For detail information, please See <http://support.microsoft.com/kb/970658/en-us> .To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnm=970658&kbln=en-us> .
- It is required to install KB2822241 if KB2779768 has been installed in the server, otherwise the MultiPath Software will not take effect. To obtain this hotfix, fill out the hotfix request form at <http://www.microsoft.com/en-us/download/details.aspx?id=38240> .
- It's 10GE CNA card which owned by HP c7000 BL460c G7,and connect to the external network by HP Virtual Connect Flex-10 10Gb.
- HBA driver version is 3.8.35.0.
- HBA driver version is 10.0.430.1047.
- The disk storage system is not support the function of Thin Provision.

### Microsoft Windows x86

NO.	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Microsoft Windows Server 2003 Enterprise x86 Edition SP2 <sup>1</sup>	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	See <sup>4,6</sup>
2	Microsoft Windows Server 2003 Standard x86 Edition SP2 <sup>1</sup>	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	See <sup>4,6</sup>
3	Microsoft Windows Server 2003 Datacenter x86 Edition SP2 <sup>1</sup>	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	See <sup>4,6</sup>

4	Microsoft Windows Server 2003 R2 Enterprise x86 Edition SP2 <sup>1</sup>	Generic Vendor NIC GbE Intel X520-SR2 NIC 10GbE <sup>3</sup>	UltraPath	OceanStor S2200T	See <sup>4</sup>
5	Microsoft Windows Server 2003 R2 Standard x86 Edition SP2 <sup>1</sup>	Generic Vendor NIC GbE Intel X520-SR2 NIC 10GbE <sup>3</sup>	UltraPath	OceanStor S2200T	See <sup>4</sup>
6	Microsoft Windows Server 2003 R2 Datacenter x86 Edition SP2 <sup>1</sup>	Generic Vendor NIC GbE Intel X520-SR2 NIC 10GbE <sup>3</sup>	UltraPath	OceanStor S2200T	See <sup>4</sup>
7	Microsoft Windows Server 2008 Enterprise x86 Edition SP1 <sup>2</sup>	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	See <sup>4,6</sup>
8	Microsoft Windows Server 2008 Standard x86 Edition SP1 <sup>2</sup>	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	See <sup>4,6</sup>
9	Microsoft Windows Server 2008 Datacenter x86 Edition SP1 <sup>2</sup>	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	See <sup>4,6</sup>
10	Microsoft Windows Server 2008 Enterprise x86 Edition SP2 <sup>2</sup>	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	See <sup>5,7</sup>
11	Microsoft Windows Server 2008 Standard x86 Edition SP2 <sup>2</sup>	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	See <sup>5,7</sup>
12	Microsoft Windows Server 2008 Datacenter x86 Edition SP2 <sup>2</sup>	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	See <sup>5,7</sup>
13	Microsoft Windows 8 Enterprise x86 Edition	Generic Vendor NIC GbE Intel X520-SR2 NIC 10GbE <sup>9</sup>	UltraPath <sup>8</sup>	OceanStor S2200T	See <sup>11</sup>
14	Microsoft Windows 8.1 Enterprise x86 Edition <sup>2</sup>	Generic Vendor NIC GbE Emulex OCe11102-NM NIC 10GbE <sup>10</sup>	UltraPath	OceanStor S2200T	See <sup>11</sup>

1. The iSCSI Initiator software is 2.08.
2. The iSCSI Initiator version is operating system bundle.
3. The bandwidth of one port is around 220MB/s in 10GE network because of the TCP/IP protocol stack limit of Windows 2003.
4. Microsoft storport hotfix Q957910 is required. For detail information, please See <http://support.microsoft.com/kb/957910/en-us> .To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnm=957910&kbln=en-us> .
5. Microsoft storport.sys hotfix Q968675 is required. For detail information, please See <http://support.microsoft.com/kb/968675/en-us> .To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnm=968675&kbln=en-us> .
6. Microsoft storport hotfix Q931311 is required. For detail information, please See <http://support.microsoft.com/kb/931311/en-us> .To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnm=931311&kbln=en-us> .
7. Microsoft storport hotfix Q970658 is required. For detail information, please See <http://support.microsoft.com/kb/970658/en-us> .To obtain this hotfix, fill out the hotfix request form at <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnm=970658&kbln=en-us> .
8. It is required to install KB2822241 if KB2779768 has been installed in the server, otherwise the MultiPath Software will not take effect. To obtain this hotfix, fill out the hotfix request form at <http://www.microsoft.com/en-us/download/details.aspx?id=38240> .
9. HBA driver version is 3.8.35.0.
10. HBA driver version is 10.0.430.1047.
11. The disk storage system is not support the function of Thin Provision.



## Oracle Enterprise Linux UEK x86\_64

NO.	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Oracle Enterprise Linux UEK 6.5 for x86_64	Generic Vendor NIC GbE	DM-Multipath	OceanStor S2200T	See <sup>1,2</sup>

1. The disk storage system must enable ALUA function.
2. For the detail configuration of DM-Multipath, please contact the technical service centre of Huawei Technologies Co., Ltd.

## Oracle Solaris for SPARC

NO.	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Solaris 10 U4 for SPARC	Generic Vendor NIC GbE	STMS <sup>1</sup>	OceanStor S2200T	See <sup>2,3</sup>
2	Solaris 10 U5 for SPARC	Generic Vendor NIC GbE	STMS <sup>1</sup>	OceanStor S2200T	See <sup>2,3</sup>
3	Solaris 10 U6 for SPARC	Generic Vendor NIC GbE	STMS <sup>1</sup>	OceanStor S2200T	See <sup>2,3</sup>
4	Solaris 10 U7 for SPARC	Generic Vendor NIC GbE	STMS <sup>1</sup>	OceanStor S2200T	See <sup>3</sup>
5	Solaris 10 U8 for SPARC	Generic Vendor NIC GbE	STMS <sup>1</sup>	OceanStor S2200T	See <sup>3</sup>
6	Solaris 10 U9 for SPARC	Generic Vendor NIC GbE	STMS <sup>1</sup>	OceanStor S2200T	See <sup>3</sup>
7	Solaris 10 U11 for SPARC	Emulex OCe10102-NM NIC 10GbE <sup>4</sup>	STMS <sup>1</sup>	OceanStor S2200T	See <sup>3</sup>
8	Solaris 11 for SPARC	Emulex OCe10102-NM NIC 10GbE	STMS <sup>1</sup>	OceanStor S2200T	
9	Solaris 11.1 for SPARC	Brocade 1020	STMS <sup>1</sup>	OceanStor S2200T	

1. For the detail configuration of STMS, please contact the technical service centre of Huawei Technologies Co., Ltd..
2. When the connection is disconnected or the LUNs are all removed and readded, you need to restart the operating system.
3. It is required to use the ufs file system.
4. The bandwidth of one port is around 220MB/s in 10GE network.

## Red Hat x86

NO.	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Red Hat Enterprise Linux AS 4 Update4 for x86	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
2	Red Hat Enterprise Linux AS 4 Update5 for x86	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
3	Red Hat Enterprise Linux AS 4 Update6 for x86	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
4	Red Hat Enterprise Linux AS 4 Update7 for x86	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
5	Red Hat Enterprise Linux AS 4 Update8 for x86	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
6	Red Hat Enterprise Linux 5 Update1 for x86 <sup>1</sup>	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
7	Red Hat Enterprise Linux 5 Update2 for x86	Generic Vendor NIC GbE  Intel X520-SR2 NIC 10GbE	UltraPath	OceanStor S2200T	
8	Red Hat Enterprise Linux 5 Update3	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	

	for x86				
9	Red Hat Enterprise Linux 5 Update4 for x86	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
10	Red Hat Enterprise Linux 5 Update5 for x86 <sup>2</sup>	Generic Vendor NIC GbE Intel X520-SR2 NIC 10GbE	UltraPath	OceanStor S2200T	See <sup>5</sup>
11	Red Hat Enterprise Linux 5 Update6 for x86 <sup>3</sup>	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
12	Red Hat Enterprise Linux 5 Update7 for x86	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
13	Red Hat Enterprise Linux 5 Update8 for x86	Generic Vendor NIC GbE Emulex OCe10102-NM NIC 10GbE <sup>4</sup>	UltraPath	OceanStor S2200T	
14	Red Hat Enterprise Linux 5 Update10 for x86	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
15	Red Hat Enterprise Linux 6 Update1 for x86	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
16	Red Hat Enterprise Linux 6 Update3 for x86	Generic Vendor NIC GbE Broadcom 57711 NIC 10GbE,57810 NIC 10GbE Emulex OCe11102-NM NIC 10GbE QLogic QLE8142 NIC 10GbE	UltraPath	OceanStor S2200T	
17	Red Hat Enterprise Linux 6 Update4 for x86	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
18	Red Hat Enterprise Linux 6 Update5 for x86	Generic Vendor NIC GbE	DM-Multipath	OceanStor S2200T	See <sup>6,7</sup>

1. The iSCSI Initiator software is open-iscsi-2.0-865.15.
2. The iSCSI Initiator software is iscsi-initiator-utils-6.2.0.868-0.18.e15.
3. The iSCSI Initiator software is iscsi-initiator-utils-6.2.0.872-6.e15.
4. The bandwidth of one port is around 440MB/s in 10GE network because of the TCP/IP protocol stack limit.
5. It is required to stop iSCSI service before restart or shutdown the operating system.
6. The disk storage system must enable ALUA function.
7. For the detail configuration of DM-Multipath , please contact the technical service centre of Huawei Technologies Co., Ltd..

### Red Hat x86\_64

NO.	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Red Hat Enterprise Linux AS 4 Update4 for x86_64	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
2	Red Hat Enterprise Linux AS 4 Update5 for x86_64	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	

3	Red Hat Enterprise Linux AS 4 Update6 for x86_64	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
4	Red Hat Enterprise Linux AS 4 Update7 for x86_64	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
5	Red Hat Enterprise Linux AS 4 Update8 for x86_64	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
6	Red Hat Enterprise Linux 5 Update1 for x86_64 <sup>1</sup>	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
7	Red Hat Enterprise Linux 5 Update2 for x86_64	Generic Vendor NIC GbE  Intel X520-SR2 NIC 10GbE	UltraPath	OceanStor S2200T	
8	Red Hat Enterprise Linux 5 Update3 for x86_64	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
9	Red Hat Enterprise Linux 5 Update4 for x86_64	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
10	Red Hat Enterprise Linux 5 Update5 for x86_64 <sup>2</sup>	Generic Vendor NIC GbE  Intel X520-SR2 NIC 10GbE	UltraPath	OceanStor S2200T	See <sup>5</sup>
11	Red Hat Enterprise Linux 5 Update6 for x86_64 <sup>3</sup>	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
12	Red Hat Enterprise Linux 5 Update7 for x86_64	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
13	Red Hat Enterprise Linux 5 Update8 for x86_64	Generic Vendor NIC GbE  Emulex OCe10102-NM NIC 10GbE <sup>4</sup>	UltraPath	OceanStor S2200T	
14	Red Hat Enterprise Linux 5 Update10 for x86_64	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
15	Red Hat Enterprise Linux 6 for x86_64	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
16	Red Hat Enterprise Linux 6 Update1 for x86_64	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
17	Red Hat Enterprise Linux 6 Update2 for x86_64	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
18	Red Hat Enterprise Linux 6 Update3 for x86_64	Generic Vendor NIC GbE  Broadcom 57711 NIC 10GbE,57810 NIC 10GbE  Emulex OCe11102-NM NIC 10GbE  QLogic QLE8142 NIC 10GbE	UltraPath	OceanStor S2200T	
19	Red Hat Enterprise Linux 6 Update4 for x86_64	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
20	Red Hat Enterprise Linux 6 Update5	Generic Vendor NIC GbE	DM-Multipath	OceanStor S2200T	See <sup>6,7</sup>

	for x86_64				
21	Red Hat Enterprise Linux 6 Update5 for x86_64	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	

1. The iSCSI Initiator software is open-iscsi-2.0-865.15.
2. The iSCSI Initiator software is iscsi-initiator-utils-6.2.0.868-0.18.el5.
3. The iSCSI Initiator software is iscsi-initiator-utils-6.2.0.872-6.el5.
4. The bandwidth of one port is around 440MB/s in 10GE network because of the TCP/IP protocol stack limit.
5. It is required to stop iSCSI service before restart or shutdown the operating system.
6. The disk storage system must enable ALUA function.
7. For the detail configuration of DM-Multipath , please contact the technical service centre of Huawei Technologies Co., Ltd..

### Red Flag x86

NO.	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Red Flag DC Server 5.0 SP2 for x86	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	See <sup>1</sup>
2	Red Flag Asianux Server 3 SP1 for x86	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
3	Red Flag Asianux Server 3 SP2 for x86	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
4	Red Flag Asianux Server 3 SP3 for x86	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	See <sup>2</sup>

1. The inbuilt xfs file system in the operating system is prohibited.
2. It is required to stop iSCSI service before restart or shutdown the operating system.

### Red Flag x86\_64

NO.	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Red Flag DC Server 5.0 SP2 for x86_64	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	See <sup>1</sup>
2	Red Flag Asianux Server 3 SP1 for x86_64	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
3	Red Flag Asianux Server 3 SP2 for x86_64	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
4	Red Flag Asianux Server 3 SP3 for x86_64	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	See <sup>2</sup>

1. The inbuilt xfs file system in the operating system is prohibited.
2. It is required to stop iSCSI service before restart or shutdown the operating system.

### Rocky x86\_64

NO.	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Linux Rocky 4.2.35 for x86_64 <sup>1</sup>	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	

1. Modules dm-mod and dm-mirror should be added manually when using LVM software.

## Neokylin x86\_64

NO.	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Linux Neokylin6.4 for x86_64	Generic Vendor NIC GbE	DM-Multipath	OceanStor S2200T	See <sup>1,2</sup>

1. The disk storage system must enable ALUA function.
2. For the detail configuration of DM-Multipath , please contact the technical service centre of Huawei Technologies Co., Ltd..

## SUSE x86

NO.	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	SUSE Linux Enterprise Server 9 SP3 for x86	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
2	SUSE Linux Enterprise Server 9 SP4 for x86	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
3	SUSE Linux Enterprise Server 10 SP1 for x86 <sup>1</sup>	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
4	SUSE Linux Enterprise Server 10 SP2 for x86	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	See <sup>3</sup>
5	SUSE Linux Enterprise Server 10 SP3 for x86	Generic Vendor NIC GbE Intel X520-SR2 NIC 10GbE	UltraPath	OceanStor S2200T	See <sup>3</sup>
6	SUSE Linux Enterprise Server 10 SP4 for x86	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
7	SUSE Linux Enterprise Server 11 for x86	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
8	SUSE Linux Enterprise Server 11 SP1 for x86	Generic Vendor NIC GbE Emulex OCe10102-FM NIC 10GbE Intel X520-SR2 NIC 10GbE	UltraPath	OceanStor S2200T	See <sup>3</sup>
9	SUSE Linux Enterprise Server 11 SP2 for x86 <sup>2</sup>	Broadcom 57711 NIC 10GbE		OceanStor S2200T	
10	SUSE Linux Enterprise Server 11 SP3 for x86	Generic Vendor NIC GbE	DM-Multipath <sup>4,5</sup>	OceanStor S2200T	

1. The iSCSI Initiator software is open-iscsi-2.0-865.15.
2. The iSCSI Initiator software is open-iscsi-2.0.872-0.35.1.
3. It is required to stop iSCSI service before restart or shutdown the operating system.
4. For the detail configuration of DM-Multipath, please contact the technical service centre of Huawei Technologies Co., Ltd..
5. The disk storage system must enable ALUA function.

## SUSE x86\_64

NO.	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	SUSE Linux Enterprise Server 9	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	

	SP3 for x86_64				
2	SUSE Linux Enterprise Server 9 SP4 for x86_64	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
3	SUSE Linux Enterprise Server 10 SP1 for x86_64 <sup>1</sup>	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
4	SUSE Linux Enterprise Server 10 SP2 for x86_64	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	See <sup>3</sup>
5	SUSE Linux Enterprise Server 10 SP3 for x86_64	Generic Vendor NIC GbE  Intel X520-SR2 NIC 10GbE	UltraPath	OceanStor S2200T	See <sup>3</sup>
6	SUSE Linux Enterprise Server 10 SP4 for x86_64	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
7	SUSE Linux Enterprise Server 11 for x86_64	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	
8	SUSE Linux Enterprise Server 11 SP1 for x86_64	Generic Vendor NIC GbE  Emulex OCe10102-FM NIC 10GbE  Intel X520-SR2 NIC 10GbE	UltraPath	OceanStor S2200T	See <sup>3</sup>
9	SUSE Linux Enterprise Server 11 SP2 for x86_64 <sup>2</sup>	Broadcom 57711 NIC 10GbE		OceanStor S2200T	
10	SUSE Linux Enterprise Server 11 SP3 for x86_64	Generic Vendor NIC GbE	DM-Multipath <sup>4,5</sup>	OceanStor S2200T	

1. The iSCSI Initiator software is open-iscsi-2.0-865.15.
2. The iSCSI Initiator software is open-iscsi-2.0.872-0.35.1.
3. It is required to stop iSCSI service before restart or shutdown the operating system.
4. For the detail configuration of DM-Multipath, please contact the technical service centre of Huawei Technologies Co., Ltd..
5. The disk storage system must enable ALUA function.

### Ubuntu x86

NO.	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Ubuntu 13.04 LTS for x86	Generic Vendor NIC GbE	DM-Multipath	OceanStor S2200T	

### Ubuntu x86\_64

NO.	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Ubuntu 13.04 LTS for x86_64	Generic Vendor NIC GbE	DM-Multipath	OceanStor S2200T	

## Virtualization

### Citrix XenServer

NO.	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	XenServer 6.0	Generic Vendor NIC GbE	DM-Multipath	OceanStor S2200T	See <sup>1,2,3</sup>
2	XenServer 6.0.2	Generic Vendor NIC GbE	DM-Multipath	OceanStor S2200T	See <sup>1,2,3</sup>
3	XenServer 6.1	Generic Vendor NIC GbE Intel X520-SR2 NIC 10GbE	DM-Multipath	OceanStor S2200T	See <sup>1,2,3</sup>
4	XenServer 6.2	Generic Vendor NIC GbE Intel X520-SR2 NIC 10GbE	DM-Multipath	OceanStor S2200T	See <sup>1,2,3</sup>

1. The disk storage system must enable ALUA function.
2. For the detail configuration of DM-Multipath, please contact the technical service centre of Huawei Technologies Co., Ltd..
3. In multipath configuration, only one path will be automatically established by XenServer after reboot, you need to manually establish the other paths.

### Hyper-V

NO.	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Microsoft Windows Server 2012 Datacenter x64 Edition with Hyper-V	Generic Vendor NIC GbE Intel X520-SR2 NIC 10GbE	UltraPath <sup>1</sup>	OceanStor S2200T	
2	Microsoft Windows Server 2012 Standard x64 Edition with Hyper-V	Generic Vendor NIC GbE Intel X520-SR2 NIC 10GbE	UltraPath <sup>1</sup>	OceanStor S2200T	

1. It is required to install KB2822241 if KB2779768 has been installed in the server, otherwise the MultiPath Software will not take effect. To obtain this hotfix, fill out the hotfix request form at <http://www.microsoft.com/en-us/download/details.aspx?id=38240>.

### FusionSphere

NO.	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Huawei GalaX8800 V100R002C01	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	See <sup>1</sup>
2	FusionSphere V100R003C00	Generic Vendor NIC GbE	UltraPath	OceanStor S2200T	See <sup>1</sup>
3	FusionSphere V100R003C10	MZ510	UltraPath	OceanStor S2200T	See <sup>1</sup>

1. The LUN of the OceanStor map to the FusionSphere can not include partition information.

### VMware

NO.	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	VMware ESXi 5.0	Generic Vendor NIC GbE Intel X520-SR2 NIC 10GbE	VMware NMP	OceanStor S2200T	See <sup>1</sup>

		Emulex OCE10102-NM NIC 10GbE			
2	VMware ESXi 5.0 Update 1	Generic Vendor NIC GbE Intel X520-SR2 NIC 10GbE	VMware NMP	OceanStor S2200T	See <sup>1</sup>
3	VMware ESXi 5.0 Update 2	Generic Vendor NIC GbE	VMware NMP	OceanStor S2200T	See <sup>1</sup>
4	VMware ESXi 5.1	Generic Vendor NIC GbE Broadcom 57711 NIC 10GbE Emulex OCE10102-NM NIC 10GbE Intel X520-SR2 NIC 10GbE	VMware NMP	OceanStor S2200T	See <sup>1</sup>
5	VMware ESXi 5.1 Update 1	Intel X520-SR2 NIC 10GbE	VMware NMP	OceanStor S2200T	See <sup>1</sup>
6	VMware ESXi 5.5	E9000 MZ510 10GbE	VMware NMP	OceanStor S2200T	See <sup>1</sup>
7	VMware ESXi 5.5 Update 1	UCS VIC 1240	VMware NMP	OceanStor S2200T	See <sup>1</sup>

1. The disk storage system must enable ALUA function.

### Oracle VM x86\_64

NO.	Operating System	Host Bus Adapter	MultiPath Software	Disk Storage System	Notes
1	Oracle VM Server 3.1.1 for x86_64	Generic Vendor NIC GbE	DM-Multipath	OceanStor S2200T	See <sup>1,2</sup>

1. The disk storage system must enable ALUA function.
2. For the detail configuration of DM-Multipath, please contact the technical service centre of Huawei Technologies Co., Ltd..

## Cluster Software

### Windows

NO.	Operating System	Cluster Software	Volume Manager Software	MultiPath Software	Disk Storage System	Notes
1	Microsoft Windows Server 2003 R2 Enterprise x86 Edition SP2	MSCS	LDM	UltraPath	OceanStor S2200T	
2	Microsoft Windows Server 2008 R2 Enterprise x64 Edition	NEC EXPRESSCLUSTER X 3.1	LDM	UltraPath	OceanStor S2200T	See <sup>2,3</sup>
3	Microsoft Windows Server 2008 R2 Enterprise x64 Edition SP1	WSFC	LDM	UltraPath	OceanStor S2200T	
		RoseHA 8.8	LDM	UltraPath	OceanStor S2200T	
4	Microsoft Windows Server 2012 Datacenter x64 Edition	WSFC	LDM	UltraPath <sup>1</sup>	OceanStor S2200T	
5	Microsoft Windows Server 2012 R2 Datacenter x64 Edition	WSFC	LDM		OceanStor S2200T	

1. It is required to install KB2822241 if KB2779768 has been installed in the server, otherwise the MultiPath Software will not take effect. To obtain this hotfix, fill out the hotfix request form at <http://www.microsoft.com/en-us/download/details.aspx?id=38240>.
2. For the detail configuration of cluster, please contact the technical service centre of Huawei Technologies Co., Ltd.
3. Replace HBAs which managed by cluster with virtual UltraPath HBA after installing UltraPath.



**Red Hat**

NO.	Operating System	Cluster Software	Volume Manager Software	MultiPath Software	Disk Storage System	Notes
1	Red Hat Enterprise Linux 6 for x86_64	RoseHA 9.0	LVM	UltraPath	OceanStor S2200T	

**SUSE**

NO.	Operating System	Cluster Software	Volume Manager Software	MultiPath Software	Disk Storage System	Notes
1	SUSE Linux Enterprise Server 10 SP3 for x86_64	HeartBeat	LVM	UltraPath	OceanStor S2200T	

## InbandAgent Manager Software

### Operating System

NO.	System Type	Operating System	Disk Storage System	Notes
1	Microsoft Windows	Microsoft Windows Server 2003 Enterprise x86 Edition SP2	OceanStor S2200T	
		Microsoft Windows Server 2008 R2 Enterprise x64 Edition	OceanStor S2200T	

## UltraAPM

### UltraAPM Console

NO.	System Type	Operating System	Disk Storage System	Notes
1	Microsoft Windows	Microsoft Windows Server 2008 R2 Enterprise x64 Edition	OceanStor S2200T	

## Application Support

### DB2

NO.	Application	Operating System	Cluster Software	Disk Storage System	Notes
1	DB2 V9.1	AIX 5.3 ML3		OceanStor S2200T	
2	DB2 V9.5	HP-UX 11i v2		OceanStor S2200T	
		AIX 5.3 TL8		OceanStor S2200T	
		Microsoft Windows Server 2003 Enterprise x86 Edition SP2		OceanStor S2200T	
3	DB2 V9.7	SUSE Linux Enterprise Server 11 SP1 for x86_64		OceanStor S2200T	
		Microsoft Windows Server 2008 R2 Enterprise x64 Edition		OceanStor S2200T	

### Microsoft SQL Server

NO.	Application	Operating System	Cluster Software	Disk Storage System	Notes
1	SQL Server 2000	Microsoft Windows Server 2003 Enterprise x86 Edition SP2		OceanStor S2200T	
2	SQL Server 2005	Microsoft Windows Server 2003 Enterprise x86 Edition SP2	Microsoft Cluster Service	OceanStor S2200T	
3	SQL Server 2005	Microsoft Windows Server 2008 R2 Enterprise x64 Edition		OceanStor S2200T	
4	SQL Server 2008	Microsoft Windows Server 2008 R2 Enterprise x64 Edition		OceanStor S2200T	

### Oracle

NO.	Application	Operating System	Cluster Software	Disk Storage System	Notes
1	Oracle 8i	Microsoft Windows Server 2003 Enterprise x86 Edition SP2		OceanStor S2200T	
2	Oracle 9i	Solaris 10 U8 for SPARC		OceanStor S2200T	
3	Oracle 10g	HP-UX 11i v2		OceanStor S2200T	
		AIX 5.3 ML3		OceanStor S2200T	
		AIX 5.3 TL8	Oracle RAC ( HACMP5.4)	OceanStor S2200T	
		AIX 6.1 TL1		OceanStor S2200T	
		Microsoft Windows Server 2003 Enterprise x86 Edition SP2		OceanStor S2200T	
		Red Hat Enterprise Linux 5 Update2 for x86		OceanStor S2200T	
		Red Hat Enterprise Linux 5 Update2 for x86_64	Oracle RAC	OceanStor S2200T	
		Solaris 10 U8 for SPARC	Oracle RAC (Sun Cluster)	OceanStor S2200T	
		SUSE Linux Enterprise Server 10 SP2 for x86		OceanStor S2200T	
SUSE Linux Enterprise Server 10 SP2 for x86_64		OceanStor S2200T			

4	Oracle 11g	HP-UX 11i v2	HP MC/Service Guard 11.19	OceanStor S2200T	
		AIX 6.1	Oracle RAC (HACMP5.3)	OceanStor S2200T	
		Microsoft Windows Server 2003 Enterprise x86 Edition SP2		OceanStor S2200T	
		Microsoft Windows Server 2008 R2 Enterprise x64 Edition		OceanStor S2200T	
		SUSE Linux Enterprise Server 10 SP2 for x86_64		OceanStor S2200T	

### Sybase

NO.	Application	Operating System	Cluster Software	Disk Storage System	Notes
1	Sybase 15	Microsoft Windows Server 2003 Enterprise x86 Edition SP2		OceanStor S2200T	
		Solaris 10 U8 for SPARC		OceanStor S2200T	
2	Sybase 15.5	Microsoft Windows Server 2008 R2 Enterprise x64 Edition		OceanStor S2200T	

# ISM

## ISM (V100R006)

### Apple Mac OS X

NO.	Operating System	Explorer	Disk Storage System	Notes
1	Mac OS X 10.6.6	Safari 5	OceanStor S2200T(V100R005)	
2	Mac OS X 10.7	Safari 5	OceanStor S2200T(V100R005)	

### Microsoft Windows x86

NO.	Operating System	Explorer	Disk Storage System	Notes
1	Microsoft Windows XP Professional Edition SP2	IE 6.0, 7.0 Firefox3.5,26	OceanStor S2200T(V100R005)	
2	Microsoft Windows XP Professional Edition SP3	IE 6.0,7.0,8.0,9.0 Firefox3.5 Chrome 10,16 Opera 9	OceanStor S2200T(V100R005)	
3	Microsoft Windows 7 Professional x86 Edition	IE 8.0,9.0 Firefox 3.5 Chrome 10,16 Opera 9	OceanStor S2200T(V100R005)	
4	Microsoft Windows 8.1 Enterprise x86	IE 11.0	OceanStor S2200T(V100R005)	

### Microsoft Windows x64

NO.	Operating System	Explorer	Disk Storage System	Notes
1	Microsoft Windows Server 2003 Enterprise x64 Edition SP2	IE 6.0	OceanStor S2200T(V100R005)	
2	Microsoft Windows Server 2008 Enterprise x64 Edition SP2	IE7.0	OceanStor S2200T(V100R005)	
3	Microsoft Windows Server 2012	IE 10.0	OceanStor S2200T(V100R005)	
4	Microsoft Windows 7 Enterprise x64 Edition	IE 8.0,9.0	OceanStor S2200T(V100R005)	

### Red Hat x86

NO.	Operating System	Explorer	Disk Storage System	Notes
1	Red Hat Enterprise Linux 5 Update3 for x86	Firefox 3.x	OceanStor S2200T(V100R005)	

### Red Hat x86\_64

NO.	Operating System	Explorer	Disk Storage System	Notes
1	Red Hat Enterprise Linux 5 Update3 for x86_64	Firefox 3.x	OceanStor S2200T(V100R005)	

### SUSE x86

NO.	Operating System	Explorer	Disk Storage System	Notes
-----	------------------	----------	---------------------	-------

1	SUSE Linux Enterprise Server 10 SP2 for x86	Firefox 2.0	OceanStor S2200T(V100R005)	
---	---	-------------	----------------------------	--

**SUSE x86\_64**

NO.	Operating System	Explorer	Disk Storage System	Notes
1	SUSE Linux Enterprise Server 10 SP2 for x86_64	Firefox 2.0	OceanStor S2200T(V100R005)	

# Management Software

This chapter contains the compatible information for storage system with management software.

## Huawei

### eSight

NO.	Operating System	Protocol	Disk Storage System	Notes
1	Huawei eSight Solution V300R002C00 <sup>1</sup>	SMI-S+REST+SNMP	OceanStor S2200T	

1. Install the storage resource management package.

### FusionManager

NO.	Operating System	Protocol	Disk Storage System	Notes
1	FusionManager V100R003C00	TLV+SNMP	OceanStor S2200T	
2	FusionManager V100R003C10	TLV+SNMP	OceanStor S2200T	
3	FusionManager V100R005C00	TLV+SNMP	OceanStor S2200T	

### ManageOne

NO.	Operating System	Protocol	Disk Storage System	Notes
1	ManageOne 2.0(Spectrum 9.3)	SNMP	OceanStor S2200T	

## IBM

### TPC

NO.	Operating System	Protocol	Disk Storage System	Notes
1	Tivoli Storage Productivity Center 5.2.3 <sup>1</sup>	SMI-S	OceanStor S2200T	See <sup>2,3,4,5</sup>

1. Support for Huawei storage devices is available with a fix for APAR IT04852 applied on top of TPC5.2.3. Contact IBM support to receive the APAR fix.
2. Support V100R005C30SPC300 and later versions for T Series disk storage system.
3. Not support Performance Management.
4. Not support Thin LUN.
5. The number of LUN is one when provisioning storage.

## Microsoft

### VMM

NO.	Operating System	Protocol	Disk Storage System	Notes
1	Microsoft System Center 2012 SP1 - Virtual Machine Manager	SMI-S	OceanStor S2200T	See <sup>1,2,3</sup>
2	Microsoft System Center 2012 R2 - Virtual Machine Manager	SMI-S	OceanStor S2200T	See <sup>1,2,3</sup>

1. Support V100R005 and later versions for S2200T.
2. Not support iSCSI.
3. Not support Thin LUN.

# OpenStack

NO.	Software	Protocol	MultiPath Software	Disk Storage System	Notes
1	OpenStack Havana	FC	DM-Multipath	OceanStor S2200T	See <sup>1,2</sup>
2	OpenStack Havana	iSCSI <sup>3</sup>		OceanStor S2200T	See <sup>1,2</sup>

1. Cinder driver is available on the website at <https://github.com/huaweistorage/cinder-drivers>.
2. Huawei Storage System version must be V100R005.
3. Do not support multipath.



# Compatibility Certification

## Brocade

### Fibre Channel

#### Switch

NO.	Data Rate	Switch	Disk Storage System	Notes
1	2,4.8Gbps	Brocade 300,5100,VA-40FC,5300,54XX,7800,DCX-4S,DCX,6505,6510, DCX 8510-4,DCX 8510-8	OceanStor S2200T	See <sup>1,2</sup>

1. See <http://www.brocade.com/downloads/documents/matrices/brocade-compatibility-matrix-fos-7x-mx.pdf>.
2. Support V1R5 and later versions for V1 Series disk storage system.

## Citrix Ready

### Fibre Channel

NO.	Operating System	Disk Storage System	Notes
1	XenServer 6.0,6.0.2,XenServer 5.6 Feature Pack 1,SP2	OceanStor S2200T	See <sup>1,2</sup>

1. See <http://www.citrix.com/ready/en/huawei> .
2. Support V1R2 and later versions for V1 Series disk storage system.

### iSCSI

NO.	Operating System	Disk Storage System	Notes
1	XenServer 6.0,6.0.2,XenServer 5.6 Feature Pack 1,SP2	OceanStor S2200T	See <sup>1,2</sup>

1. See <http://www.citrix.com/ready/en/huawei> .
2. Support V1R2 and later versions for V1 Series disk storage system.

# IBM SVC

## Fibre Channel

NO.	SVC Version	MultiPath Software	Disk Storage System	Notes
1	6.4.1.2 and later version	Mdisk Group Balancing	OceanStor S2200T	See <sup>1,2</sup>

1. See [http://www-01.ibm.com/support/docview.wss?uid=ssg1S1004620#\\_Hua](http://www-01.ibm.com/support/docview.wss?uid=ssg1S1004620#_Hua).
2. Support V100R005 and later versions.

# IBM V7000

## Fibre Channel

NO.	V7000 Version	MultiPath Software	Disk Storage System	Notes
1	6.4.1.2 and later version	Mdisk Group Balancing	OceanStor S2200T	See <sup>1,2</sup>

1. See [http://www-01.ibm.com/support/docview.wss?uid=ssg1S1004622#\\_Hua](http://www-01.ibm.com/support/docview.wss?uid=ssg1S1004622#_Hua).
2. Support V100R005 and later versions.

# Microsoft WHQL

## Fibre Channel

NO.	Operating System	Disk Storage System	Notes
1	Microsoft Windows Server 2008 R2 x64	OceanStor S2200T	See <sup>1,2</sup>
2	Microsoft Windows Server 2012	OceanStor S2200T	See <sup>1,2</sup>
3	Microsoft Windows Server 2012 R2	OceanStor S2200T	See <sup>1,2</sup>

1. See <http://www.windowsservercatalog.com/results.aspx?&chtext=&cstext=&csstext=&chbtext=&bCatID=1511&cpID=12627&avc=10&ava=0&avq=0&OR=1&PGS=25&ready=0>.
2. Support V1R2 and later versions for V1 Series disk storage system.

## iSCSI Channel

NO.	Operating System	Disk Storage System	Notes
1	Microsoft Windows Server 2008 R2 x64	OceanStor S2200T	See <sup>1,2</sup>
2	Microsoft Windows Server 2012	OceanStor S2200T	See <sup>1,2</sup>
3	Microsoft Windows Server 2012 R2	OceanStor S2200T	See <sup>1,2</sup>

1. See <http://www.windowsservercatalog.com/results.aspx?&chtext=&cstext=&csstext=&chbtext=&bCatID=1511&cpID=12627&avc=10&ava=0&avq=0&OR=1&PGS=25&ready=0>.
2. Support V1R2 and later versions for V1 Series disk storage system.

# Oracle VM HCL

## Fibre Channel

No	Operating System	Oracle Test Kit	Server Model	Disk Storage System	Notes
1	Oracle VM server 3.2 for x86_64	Oracle_Storage_HCL_Testkit.gz	Huawei RH2288 V2	OceanStor S2200T	See <sup>1,2</sup>

1. See <http://linux.oracle.com/pls/apex/f?p=117:3:3083818213349801::NO:RP::>
2. Support V1R2 and later versions for V1 Series disk storage system.
3. Support V2R1 and later versions for V2 Series disk storage system.

# Symantec STEP

## Fibre Channel

### HP-UX

NO.	Storage Foundation	DMP Mode	Operating System	Disk Storage System	Notes
1	Storage Foundation and High Availability 6.0,6.0.1,6.0.3,6.0.5	ALUA	HP-UX 11i v3	OceanStor S2200T	See <sup>1,2,4,5</sup>
2	Storage Foundation and High Availability 5.1SP1	A/A-A	HP-UX 11i v3	OceanStor S2200T	See <sup>1,4,5</sup>

1. See <https://sort.symantec.com/asl/finder>.
2. The disk storage system must enable ALUA function.
3. Support V1R1 and later versions for V1 Series disk storage system.
4. Support V1R2 and later versions for V1 Series disk storage system.
5. See <https://sort.symantec.com/hclcentral/diskarray>.

### IBM AIX

NO.	Storage Foundation	DMP Mode	Operating System	Disk Storage System	Notes
1	Storage Foundation and High Availability 5.1SP1	A/A-A	AIX 7.1 AIX 6.1 AIX 5.3	OceanStor S2200T	See <sup>1,3,5</sup>
2	Storage Foundation and High Availability 6.0,6.0.1,6.0.3,6.0.5	ALUA	AIX 7.1 AIX 6.1	OceanStor S2200T	See <sup>1,2,4,5</sup>
3	Storage Foundation and High Availability 6.1,6.2	ALUA	AIX 7.1 AIX 6.1	OceanStor S2200T	See <sup>2,4,5</sup>

1. See <https://sort.symantec.com/asl/finder>.
2. The disk storage system must enable ALUA function.
3. Support V1R1 and later versions for V1 Series disk storage system.
4. Support V1R2 and later versions for V1 Series disk storage system.
5. See <https://sort.symantec.com/hclcentral/diskarray>.

### Oracle Solaris

NO.	Storage Foundation	DMP Mode	Operating System	Disk Storage System	Notes
1	Storage Foundation and High Availability 5.1SP1	A/A-A	Oracle Solaris 9 for Sparc Oracle Solaris 10 for Sparc	OceanStor S2200T	See <sup>1,3,5</sup>
2	Storage Foundation and High Availability 6.0,6.0.1,6.0.3,6.0.5	ALUA	Oracle Solaris 10 for Sparc	OceanStor S2200T	See <sup>1,2,4,5</sup>
3	Storage Foundation and High Availability 6.1,6.2	ALUA	Oracle Solaris 10 for Sparc	OceanStor S2200T	See <sup>2,4,5</sup>

1. See <https://sort.symantec.com/asl/finder>.
2. The disk storage system must enable ALUA function.
3. Support V1R1 and later versions for V1 Series disk storage system.
4. Support V1R2 and later versions for V1 Series disk storage system.

- See <https://sort.symantec.com/hclcentral/diskarray>.

## Red Hat

NO.	Storage Foundation	DMP Mode	Operating System	Disk Storage System	Notes
1	Storage Foundation and High Availability 5.1SP1	A/A-A	Red Hat Enterprise Linux 5 Red Hat Enterprise Linux 6	OceanStor S2200T	See <sup>1,3,5</sup>
2	Storage Foundation and High Availability 6.0,6.0.1,6.0.3,6.0.5	ALUA	Red Hat Enterprise Linux 5 Red Hat Enterprise Linux 6	OceanStor S2200T	See <sup>1,2,4,5</sup>
3	Storage Foundation and High Availability 6.1	ALUA	Red Hat Enterprise Linux 5 Red Hat Enterprise Linux 6	OceanStor S2200T	See <sup>2,4,5</sup>
4	Storage Foundation and High Availability 6.2	ALUA	Red Hat Enterprise Linux 6	OceanStor S2200T	See <sup>2,4,5</sup>

- See <https://sort.symantec.com/asl/finder>.
- The disk storage system must enable ALUA function.
- Support V1R1 and later versions for V1 Series disk storage system.
- Support V1R2 and later versions for V1 Series disk storage system.
- See <https://sort.symantec.com/hclcentral/diskarray>.

## SUSE

NO.	Storage Foundation	DMP Mode	Operating System	Disk Storage System	Notes
1	Storage Foundation and High Availability 5.1SP1	A/A-A	SUSE Linux Enterprise Server 10 SUSE Linux Enterprise Server 11	OceanStor S2200T	See <sup>1,3,5</sup>
2	Storage Foundation and High Availability 6.0,6.0.1,6.0.3,6.0.5	ALUA	SUSE Linux Enterprise Server 10 SUSE Linux Enterprise Server 11	OceanStor S2200T	See <sup>1,2,4,5</sup>
3	Storage Foundation and High Availability 6.1,6.2	ALUA	SUSE Linux Enterprise Server 11	OceanStor S2200T	See <sup>2,4,5</sup>

- See <https://sort.symantec.com/asl/finder>.
- The disk storage system must enable ALUA function.
- Support V1R1 and later versions for V1 Series disk storage system.
- Support V1R2 and later versions for V1 Series disk storage system.
- See <https://sort.symantec.com/hclcentral/diskarray>.

## Microsoft Windows

NO.	Storage Foundation	DMP Mode	Operating System	Disk Storage System	Notes
1	Veritas Storage Foundation (tm) 5.1 SP1 and 5.1SP2	A/A-A	Microsoft Windows Server 2003 Microsoft Windows Server 2008 Microsoft Windows Server 2008 R2	OceanStor S2200T	See <sup>1,2</sup>
2	Storage Foundation and High Availability 6.0	A/A-A	Microsoft Windows Server 2008 Microsoft Windows Server 2008 R2	OceanStor S2200T	See <sup>1,3</sup>
3	Storage Foundation and High Availability 6.0.1	A/A-A	Microsoft Windows Server 2008 Microsoft Windows Server 2008 R2	OceanStor S2200T	See <sup>1,3</sup>



1. See <https://sort.symantec.com/asl/finder>.
2. Support V1R1 and later versions for V1 Series disk storage system.
3. Support V1R2 and later versions for V1 Series disk storage system.

## iSCSI

### Microsoft Windows

NO.	Storage Foundation	DMP Mode	Operating System	Disk Storage System	Notes
1	Veritas Storage Foundation (tm) 5.1 SP1 and 5.1SP2	A/A-A	Microsoft Windows Server 2003 Microsoft Windows Server 2008 Microsoft Windows Server 2008 R2	OceanStor S2200T	See <sup>1,2</sup>
2	Storage Foundation and High Availability 6.0	A/A-A	Microsoft Windows Server 2008 Microsoft Windows Server 2008 R2	OceanStor S2200T	See <sup>1,3</sup>
3	Storage Foundation and High Availability 6.0.1	A/A-A	Microsoft Windows Server 2008 Microsoft Windows Server 2008 R2	OceanStor S2200T	See <sup>1,3</sup>

1. See <https://sort.symantec.com/asl/finder>.
2. Support V1R1 and later versions for V1 Series disk storage system.
3. Support V1R2 and later versions for V1 Series disk storage system.

## VMware Ready

### Fibre Channel

NO.	Operating System	Disk Storage System	Notes
1	ESX 4.0,ESX 4.0 U1,ESX 4.0 U2,ESX 4.0 U3,ESX 4.0 U4,ESX 4.1,ESX 4.1 U1,ESX 4.1 U2, ESX 4.1 U3	OceanStor S2200T	See <sup>1,2</sup>
2	ESXi 5.0,ESXi 5.0 U1,ESXi 5.0 U2,ESXi 5.0 U3,ESXi 5.1,ESXi 5.1 U1,ESXi 5.1 U2	OceanStor S2200T	See <sup>1,2</sup>
3	ESXi 5.5,ESXi 5.5 U1	OceanStor S2200T	See <sup>1,2</sup>
4	ESXi 6.0	OceanStor S2200T	See <sup>1,2</sup>

1. See <http://www.vmware.com/resources/compatibility/vcl/result.php?search=Huawei&searchCategory=Storage+Array>.
2. Support V1R2 and later versions for V1 Series disk storage system.

### iSCSI

NO.	Operating System	Disk Storage System	Notes
1	ESXi 5.0,ESXi 5.0 U1,ESXi 5.0 U2,ESXi 5.0 U3,ESXi 5.1,ESXi 5.1 U1,ESXi 5.1 U2,ESXi 5.5,ESXi 5.5 U1	OceanStor S2200T	See <sup>1,2</sup>
2	ESXi 6.0	OceanStor S2200T	See <sup>1,2</sup>

1. See <http://www.vmware.com/resources/compatibility/vcl/result.php?search=Huawei&searchCategory=Storage+Array>.
2. Support V1R5 and later versions for V1 Series disk storage system.

# VMware SRM

## Fibre Channel

NO.	SRM Version	SRA Version	Disk Storage System	Notes
1	SRM 5.1, SRM 5.1 Update 1,SRM 5.1 Update 2	SRA 5.03.400.014	OceanStor S2200T	See <sup>1,2</sup>

1. See [http://www.vmware.com/resources/compatibility/search.php?productid=21576&deviceCategory=sra&sraName=59&page=1&display\\_interval=10&sortColumn=Partner&sortOrder=Asc](http://www.vmware.com/resources/compatibility/search.php?productid=21576&deviceCategory=sra&sraName=59&page=1&display_interval=10&sortColumn=Partner&sortOrder=Asc).
2. Support V1R5 and later versions for V1 Series disk storage system.

## iSCSI

NO.	SRM Version	SRA Version	Disk Storage System	Notes
1	SRM 5.1, SRM 5.1 Update 1,SRM 5.1 Update 2	SRA 5.03.400.014	OceanStor S2200T	See <sup>1,2</sup>

1. See [http://www.vmware.com/resources/compatibility/search.php?productid=21576&deviceCategory=sra&sraName=59&page=1&display\\_interval=10&sortColumn=Partner&sortOrder=Asc](http://www.vmware.com/resources/compatibility/search.php?productid=21576&deviceCategory=sra&sraName=59&page=1&display_interval=10&sortColumn=Partner&sortOrder=Asc).
2. Support V1R5 and later versions for V1 Series disk storage system.

## VMware PSA

### Fibre Channel

NO.	Operating System Version	MPP PluginVersion	Disk Storage System	Notes
1	ESXi 5.0,ESXi 5.0 U1,ESXi 5.0 U2,ESXi 5.0 U3,ESXi 5.1,ESXi 5.1 U1,ESXi 5.1 U2	UltraPath 8.01.015 UltraPath 8.01.023 UltraPath 8.01.021 UltraPath 8.01.035 UltraPath 8.03.002	OceanStor S2200T	See <sup>1,2</sup>
2	ESXi 5.5,ESXi 5.5 U1	UltraPath 8.01.015 UltraPath 8.01.023 UltraPath 8.01.021 UltraPath 8.01.035 UltraPath 8.03.002	OceanStor S2200T	See <sup>1,2</sup>
3	ESXi 6.0	UltraPath 8.01.015 UltraPath 8.01.023 UltraPath 8.01.021 UltraPath 8.01.035 UltraPath 8.03.002	OceanStor S2200T	See <sup>1,2</sup>

1. See <http://www.vmware.com/resources/compatibility/search.php?deviceCategory=san>.
2. Support V1R5 and later versions for V1 Series disk storage system.

### iSCSI

NO.	Operating System Version	MPP PluginVersion	Disk Storage System	Notes
1	ESXi 5.0,ESXi 5.0 U1,ESXi 5.0 U2,ESXi 5.0 U3,ESXi 5.1,ESXi 5.1 U1,ESXi 5.1 U2	UltraPath 8.01.015 UltraPath 8.01.023 UltraPath 8.01.035	OceanStor S2200T	See <sup>1,2</sup>
		UltraPath 8.03.002	OceanStor S2200T	See <sup>1,3</sup>
2	ESXi 5.5,ESXi 5.5 U1	UltraPath 8.01.015 UltraPath 8.01.023 UltraPath 8.01.035	OceanStor S2200T	See <sup>1,2</sup>
		UltraPath 8.03.002	OceanStor S2200T	See <sup>1,3</sup>
3	ESXi 6.0	UltraPath 8.01.015 UltraPath 8.01.023 UltraPath 8.01.035	OceanStor S2200T	See <sup>1,2</sup>
		UltraPath 8.03.002	OceanStor S2200T	See <sup>1,3</sup>

1. See <http://www.vmware.com/resources/compatibility/search.php?deviceCategory=san>.
2. Support V1R5 and later versions for V1 Series disk storage system.
3. Support V200R002 version for V1 Series disk storage system.

# VMware VASA

## Fibre Channel

NO.	VASA Version	Operating System	Disk Storage System	Notes
1	ISM VASA Provider 1.0	ESXi 5.0,ESXi 5.0 U1,ESXi 5.0 U2, ESXi 5.0 U3,ESXi 5.1,ESXi 5.1 U1,ESXi 5.1 U2,ESXi 5.5,ESXi 5.5 U1	OceanStor S2200T	See <sup>1,2</sup>
2	OceanStor VASA Provider 1.0	ESXi 5.0,ESXi 5.0 U1,ESXi 5.0 U2,ESXi 5.0 U3,ESXi 5.1,ESXi 5.1 U1, ESXi 5.1 U2,ESXi 5.1 U1,ESXi 5.5 U1	OceanStor S2200T	See <sup>3,4</sup>

1. See [http://www.vmware.com/resources/compatibility/detail.php?deviceCategory=vasa&productid=34062&deviceCategory=vasa&vasaProvider=86&page=1&display\\_interval=10&sortColumn=Partner&sortOrder=Asc](http://www.vmware.com/resources/compatibility/detail.php?deviceCategory=vasa&productid=34062&deviceCategory=vasa&vasaProvider=86&page=1&display_interval=10&sortColumn=Partner&sortOrder=Asc).
2. Support V1R2 for V1 Series disk storage system.
3. See [http://www.vmware.com/resources/compatibility/detail.php?deviceCategory=vasa&productid=37083&deviceCategory=vasa&details=1&partner=336&page=1&display\\_interval=10&sortColumn=Partner&sortOrder=Asc](http://www.vmware.com/resources/compatibility/detail.php?deviceCategory=vasa&productid=37083&deviceCategory=vasa&details=1&partner=336&page=1&display_interval=10&sortColumn=Partner&sortOrder=Asc).
4. Support V1R5 versions for V1 Series disk storage system.

# Kylin

## Fibre Channel

NO.	Operating System	Structure	Disk Storage System	Notes
1	Kylin Operating System V3	x86-64	OceanStor S2200T	See <sup>1,2</sup>

1. [http://3ms.huawei.com/mm/docMaintain/mmMaintain.do?method=showMMDetail&f\\_id=STR14031133070096](http://3ms.huawei.com/mm/docMaintain/mmMaintain.do?method=showMMDetail&f_id=STR14031133070096).
2. Support V1R5 and later versions for V1 Series disk storage system.

# NeoKylin NeoCertify

## Fibre Channel

NO.	Operating System	Structure	Disk Storage System	Notes
1	NeoKylin Advanced Server Operating System V6.0	x86-64	OceanStor S2200T	See <sup>1,2</sup>

1. See <http://neocertify.cs2c.com.cn/display/webHardIndex.do?channelId=72>.
2. Support V1R5 and later versions for V1 Series disk storage system.

# Rocky

## Fibre Channel

NO.	Operating System	Structure	Disk Storage System	Notes
1	Rocky Secure Operating System V4.2	x86-64	OceanStor S2200T	See <sup>1,2</sup>
2	Rocky Secure Operating System V6.0	x86-64	OceanStor S2200T	See <sup>1,2</sup>

1. <http://3ms.huawei.com/mm/docMaintain/mmMaintain.do?method=showMMDetail&fid=STR14011832030020>.
2. Support V1R5 and later versions for V1 Series disk storage system.



# Abbreviations

## A

<b>A/A</b>	Active/Active
<b>A/A-A</b>	Active/Active-Asymmetric
<b>ALUA</b>	Asymmetric Logical Unit Access
<b>A/P-F</b>	Active/Passive-Failover
<b>ASM</b>	Automatic Storage Management

## C

<b>CLI</b>	Command Line Interface
<b>CNA</b>	Converged Network Adapters
<b>CTP</b>	Confirmance Testing Program

## D

<b>DM-Multipath</b>	Device Mapper Multipath
<b>DMP</b>	Dynamic Multi-Pathing

## E

<b>E-E</b>	E-Port to E-Port
------------	------------------

## F

<b>FC</b>	Fiber Channel
<b>FCoE</b>	Fiber Channel over Ethernet

## H

<b>HACMP</b>	High Availability Cluster Multi-Processing
<b>HBA</b>	Host Bus Adapter
<b>HCL</b>	Hardware Certification List

## I

<b>iSCSI</b>	Internet Small Computer System Interface
<b>ISM</b>	Integrated Storage Manager

**J**

**JRE** Java Runtime Environment

**L**

**LDM** Logical Disk Manager

**LUN** Logical Unit Number

**LVM** Logical Volume Manager

**M**

**MC/Service Guard** Multi-Computer/Service Guard

**MP** Maintain Pack

**MPIO** Microsoft Multi-Path IO

**MSCS** Microsoft Cluster Service

**N**

**NMP** Native MultiPathing

**O**

**ODX** Offloaded Data Transfers

**P**

**PV** Physical Volume

**R**

**RAC** Real Application Cluster

**RFCC** Red Flag Linux Compatible and Certified

**S**

**SNIA** Storage Networking Industry Association

**SP** Service Pack

**SPARC** Scalable Processor Architectures

**SRM** Site Recovery Manager

**STEP** Symantec Technology enabled program

**STMS** Storage Traffic Manager System

<b>SVC</b>	SAN Volume Controller
<b>SVM</b>	Solaris Volume Manager
<b>T</b>	
<b>TP</b>	Thin Provisioning
<b>V</b>	
<b>VASA</b>	vSphere Aware Storage API
<b>VCS</b>	Veritas Cluster Server
<b>VIOS</b>	Virtual I/O Server
<b>VM</b>	Virtual Machine
<b>VxVM</b>	Veritas Volume Manager
<b>W</b>	
<b>WSFC</b>	Windows Server Failover Clustering