



华为  
**OceanStor VTL&HDP**  
兼容性列表

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# 停止支持列表

序号	组件名称	停止支持时间	描述	备注

# OceanStor VTL 系列

## 模拟的磁带库

序号	磁带库类型	虚拟磁带库	备注
1	ADIC Scalar 100	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
2	ADIC Scalar 1000	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
3	ADIC Scalar i500	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
4	ADIC Scalar i2000	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
5	ADIC Scalar 10K	OceanStor VTL6000 OceanStor VTL6900	
6	ATL 1500	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
7	ATL 1800	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
8	ATL ATL7100	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
9	ATL P1000	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
10	ATL P3000	OceanStor VTL6000 OceanStor VTL6900	
11	ATL P4000	OceanStor VTL6000 OceanStor VTL6900	
12	ATL P7000	OceanStor VTL6000 OceanStor VTL6900	
13	HP EML E-Series Series	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
14	HP ESL9000 Series	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
15	HP MSL2024	OceanStor VTL3500	

		OceanStor VTL6000 OceanStor VTL6900	
16	HP MSL4048	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
17	HP MSL5052	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
18	HP MSL8096	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
19	IBM TS3500L22 (03584L22)	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
20	IBM TS3500L32 (03584L32)	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
21	IBM 03590B11	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
22	IBM 03590E11	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
23	IBM 3494	OceanStor VTL6000 OceanStor VTL6900	見 <sup>1</sup>
24	IBM TS3100 (3573-TL)	OceanStor VTL6900	
25	IBM TS3200 (3573-TL)	OceanStor VTL6900	
26	IBM TS3310E9U(3576-MTL)	OceanStor VTL6900	
27	IBM TS3310L5B(3576-MTL)	OceanStor VTL6900	
28	IBM ULT3583-TL	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
29	Overland Storage Neo Series 2000	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
30	Overland Storage Neo Series 4100	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
31	Overland Storage Neo Series 8000	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
32	Qualstar TLS-4222i	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	

33	Quantum ATL M1500	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
34	Quantum ATL M1800	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
35	Quantum ATL P1000	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
36	Quantum ATL P3000	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
37	Quantum ATL P4000	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
38	Quantum ATL P7000	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
39	Quantum ATL 7100	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
40	Quantum PX510	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
41	Quantum PX720	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
42	Quantum Scalar 100	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
43	Quantum Scalar 1000	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
44	Quantum Scalar 10k	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
45	Quantum Scalar i2000	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
46	Quantum Scalar i500	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
47	Quantum Scalar i40-i80	OceanStor VTL6900	
48	Sony CSM-200	OceanStor VTL3500	

		OceanStor VTL6000 OceanStor VTL6900	
49	Spectra Logic Gator 12000	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>2</sup>
50	Spectra Logic Gator 20000	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
51	Spectra Logic Gator 64000	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
52	Spectra Logic T50	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
53	Spectra Logic T50e	OceanStor VTL6000 OceanStor VTL6900	
54	Spectra Logic T120	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>3</sup>
55	Spectra Logic T200	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
56	Spectra Logic T380	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
57	Spectra Logic T680	OceanStor VTL6000 OceanStor VTL6900	
58	Spectra Logic T950	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
59	StorageTek L20	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
60	StorageTek L40	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
61	StorageTek L80	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
62	StorageTek L180	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
63	StorageTek L700	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	

64	StorageTek L700e	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
65	StorageTek L1400m	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
66	StorageTek 9710	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
67	StorageTek 9714	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
68	StorageTek 9730	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
69	StorageTek ACSLS-managed tape libraries	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>4</sup>
70	StorageTek SL500	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
71	StorageTek SL3000	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	

- 1、 仅支持导入导出，要求 IBM Linux 磁带库驱动为 ibmatl v5.3.2.0 及以上，且要求 IBM 3494 磁带库支持选项。
- 2、 固件 7.5.01，连接模式为 FC，磁带机为 SONY:SDX-900V-00008。
- 3、 固件 7.8.1，磁带机为 IBM Ultrium-TD3 (固件 64D0)。
- 4、 仅支持导入导出，要求 ACSLS Manager 为 v7.x (Solaris SPARC 8/9/10)，且要求 ACSLS 共享磁带库选项。

## 模拟的磁带机

序号	磁带机类型	虚拟磁带库	备注
1	HP Ultrium 1-SCSI	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
2	HP Ultrium 2-SCSI	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
3	HP Ultrium 3-SCSI	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
4	HP Ultrium 4-SCSI	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
5	HP Ultrium 5-SCSI	OceanStor VTL6000 OceanStor VTL6900	
6	IBM 03590E1A	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
7	IBM 03590B1A	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
8	IBM 03590B11	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
9	IBM 03590E11	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
10	IBM 03592J1A	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
11	IBM Ultrium-TD1	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
12	IBM Ultrium-TD2	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
13	IBM Ultrium-TD3	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
14	IBM Ultrium-TD4	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	

15	IBM Ultrium-TD5	OceanStor VTL6000 OceanStor VTL6900	
16	IBM Ult3580-TD1	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
17	IBM Ult3580-TD2	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
18	IBM Ult3580-TD3	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
19	IBM Ult3580-TD4	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
20	IBM Ult3580-TD5	OceanStor VTL6000 OceanStor VTL6900	
21	IBM TS1120	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
22	IBM TS1130	OceanStor VTL6000 OceanStor VTL6900	
23	IBM TS1140	OceanStor VTL6900	
24	Quantum DLT7000	OceanStor VTL6000 OceanStor VTL6900	
25	Quantum DLT8000	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
26	Quantum DLT-S4	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
27	Quantum SuperDLT1	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
28	Quantum SDLT320	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
29	Quantum SDLT600	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
30	Seagate Ultrium 06242-XXX	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
31	Sony SDX-300C	OceanStor VTL3500 OceanStor VTL6000OceanStor VTL6900	

32	Sony SDX-500C	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
33	Sony SDX-700C	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
34	Sony SDZ-100	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
35	Sony SDZ-130	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
36	StorageTek 9840	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
37	StorageTek T9840B	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
38	StorageTek T9840C	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
39	StorageTek T9840D	OceanStor VTL3500 OceanStor VTL6000	
40	StorageTek T9940A	OceanStor VTL6900	
41	StorageTek T9940B	OceanStor VTL6000 OceanStor VTL6900	
42	StorageTek T10000A	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
43	StorageTek T10000B	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
44	StorageTek T10000C	OceanStor VTL6900	
45	Fujitsu M2488D	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	

## ISM

序号	ISM 版本	操作系统	CPU 架构	备注
1	ISM For VTL V100R003C02	Windows XP	x86-32bit	
2	ISM For VTL V100R003C02	Windows 7	x86-32bit	
3	ISM For VTL V100R003C02	Windows Server 2008 R2 Enterprise x64 Edition	x86-64bit	
4	ISM For VTL V100R005C00	Microsoft Windows XP Professional Edition SP3	x86-32bit	
5	ISM For VTL V100R005C00	Windows Server 2003 Enterprise x64 Edition Service Pack 2	x86-64bit	
6	ISM For VTL V100R005C00	Windows Server 2008 R2 Enterprise x64 Edition SP1	x86-64bit	
7	ISM For VTL V100R005C00	Windows 7 Ultimate Edition	x86-32bit	

## IP 复制

序号	目的端 VTL	源端 VTL	网络	备注
1	VTL3500	VTL3500 VTL6000 SOLO VTL6000 HA	1 GE	见 <sup>1,2</sup>
2	VTL6000 SOLO	VTL3500 VTL6000 SOLO VTL6000 HA VTL6900-I VTL6900-IS VTL6900-SL VTL6900-AIO VTL6900 HA VTL6900 HA+SIR	1 GE	见 <sup>1,2,4</sup>
3	VTL6000 HA	VTL3500 VTL6000 SOLO VTL6000 HA VTL6900-I VTL6900-IS VTL6900-SL VTL6900-AIO VTL6900 HA VTL6900 HA+SIR	1 GE	见 <sup>1,2,4</sup>
4	VTL6900-I VTL6900-IS VTL6900-SL VTL6900-AIO VTL6900 HA VTL6900 HA+SIR	VTL 6000 HA VTL6900-I VTL6900-IS VTL6900-SL VTL6900-AIO VTL6900 HA VTL6900 HA+SIR	1GE	见 <sup>3</sup>

- 1、 VTL6000 SOLO、HA 是 VTL6000 中非重删配置中的两个形态。VTL3500 未启用重删功能。
- 2、 复制功能不支持 A->B->C。
- 3、 VTL-6900-I、VTL-6900-IS 是 VTL6900 中一体化 Solo 和一体化 All in one 节点，VTL-6900-SL、VTL-6900-AIO 是分离式架构 Solo 和分离式 All in one 节点，VTL 6900 HA 是高可用组网，VTL 6900 HA+SIR 是高可用带重删组网形态。
- 4、 VTL6000 对 VTL6900 的复制不支持远程拷贝。

## 重删后 IP 复制

序号	目的端	源端		备注
1	VTL 3500	VTL3500 VTL6000 All in One	1 GE	见 <sup>1</sup>
2	VTL6000 All in One	VTL3500 VTL6000 All in One VTL6000 HA+SIR VTL6000 HA+2*SIR VTL6000 HA+(2+1)*SIR VTL6900-IS VTL6900-AIO VTL6900 HAS	1 GE	见 <sup>1</sup>
3	VTL6000 HA+SIR	VTL6000 All in One VTL6000 HA+SIR VTL6000 HA+2*SIR VTL6000 HA+(2+1)*SIR VTL6900-IS VTL6900-AIO VTL6900 HAS	1 GE	见 <sup>1</sup>
4	VTL6000 HA+2*SIR	VTL6000 All in One VTL6000 HA+SIR VTL6000 HA+2*SIR VTL6000 HA+(2+1)*SIR VTL6900-IS VTL6900-AIO VTL6900 HAS	1 GE	见 <sup>1</sup>
5	VTL6000 HA+(2+1)*SIR	VTL6000 All in One VTL6000 HA+SIR VTL6000 HA+2*SIR VTL6000 HA+(2+1)*SIR VTL6900-IS VTL6900-AIO VTL6900 HAS	1 GE	见 <sup>1</sup>
6	VTL6900-IS VTL6900-AIO VTL6900 HA+SIR	VTL6000HA+SIR VTL6900 -IS VTL6900-AIO VTL6900 HAS	1 GE	见 <sup>1</sup>

1、 复制功能不支持 A->B->C。

# 备份软件

## Microsoft Windows 2000/2003

序号	备份软件	接口类型（与 VTL）	虚拟磁带库	备注
1	Atempo TIMEnavigator v3.7,v3.7.0.3,v4	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
2	BakBone NetVault v6.5.3,v7,v7.1,v7.3	FC, iSCSI clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
3	BakBone NetVault v7.4,v8.0,v8.5	FC, iSCSI clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
4	CA BrightStor Enterprise Backup Server v10.0,v10.5	FC, iSCSI clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
5	CA ARCserver 9.0,11,11.1	FC, iSCSI clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
6	CA ARCserver 11.5 SP3	FC, iSCSI clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
7	CA ARCserver 10.5	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
8	CA ARCserver 16 SP1	FC, iSCSI clients	OceanStor VTL6000	
9	CommVault Simpana v7.0,v8.0 SP4	FC, iSCSI clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
10	EMC NetWorker v6.1.xv7.0,v7.1x,v7.2x	FC, iSCSI clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>1</sup>
11	EMC Networker v7.3x,v7.4x	FC, iSCSI clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
12	EMC Networker v7.5	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>2</sup>
13	EMC Retrospect v7.0	FC, iSCSI clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
14	EMC Retrospect v7.5	FC clients	OceanStor VTL3500 OceanStor VTL6000	

			OceanStor VTL6900	
15	HP OpenView Storage Data Protector v5.1,v5.5	FC, iSCSI clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
16	HP OpenView Storage Data Protector v6	FC, iSCSI clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
17	HP OpenView Storage Data Protector v6.1x	FC clients	OceanStor VTL6900	见 <sup>4</sup>
18	IBM Tivoli Storage Manager v5.1.5x, v5.3.x,	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>3</sup>
19	IBM Tivoli Storage Manager v5.3.x,v5.4.x,v5.5.x	FC, iSCSI clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>2</sup>
20	IBM Tivoli Storage Manager v5.2.x	FC, iSCSI clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
21	IBM Tivoli Storage Manager v6.1.x	FC clients	OceanStor VTL6000 OceanStor VTL6900	
22	Oracle Secure Backup v10.3	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
23	Microsoft Data Protection Manager 2007	FC, iSCSI clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
24	Symantec Backup Exec v9.0,v9.1,v10	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
25	Symantec Backup Exec v10.1, 11d	FC, iSCSI clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
26	Symantec Backup Exec v12.5	FC clients	OceanStor VTL3500 OceanStor VTL6900	见 <sup>2</sup>
27	Symantec Backup Exec 2010	FC, iSCSI clients	OceanStor VTL6000 OceanStor VTL6900	见 <sup>4</sup>
28	Syncsort Backup Express v2.2,v2.4	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
29	Syncsort Backup Express v2.3x	FC, iSCSI clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
30	Syncsort Backup Express v3.1	FC clients	OceanStor VTL3500 OceanStor VTL6000	见 <sup>2</sup>
31	Veritas NetBackup v3.4.1,v4.5,v5.x,v6.x	FC, iSCSI clients	OceanStor VTL3500	

			OceanStor VTL6000 OceanStor VTL6900	
32	Veritas NetBackup v6.5	FC, iSCSI clients	OceanStor VTL3500 OceanStor VTL6900	
33	Symantec Veritas NetBackup v6.5.3,v7.0,v7.1	FC clients	OceanStor VTL6000 OceanStor VTL6900	
34	Symantec Veritas NetBackup v7.5	FC, iSCSI clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>2</sup>

- 1、 仅支持 iSCSI HBA 卡。
- 2、 仅支持 Windows 2003。
- 3、 v5.15, v5.1.510 仅支持 Windows 2000。
- 4、 仅支持 Windows 2003R2。

## Microsoft Windows Server 2008

序号	备份软件	接口类型 (与 VTL)	虚拟磁带库	备注
1	Symantec Backup Exec v2010,2012	FC ,iSCSI client	OceanStor VTL6000 OceanStor VTL6900	见 <sup>1</sup>
2	Symantec Veritas NetBackup v7.0 to v7.1,v6.5x,v6.x	FC client	OceanStor VTL6000 OceanStor VTL6900	
	Symantec Veritas NetBackup v7.0	FC, iSCSI clients	OceanStor VTL6000 OceanStor VTL6900	
3	CA ARCserve 15,16 SP1	FC, iSCSI clients	OceanStor VTL6000 OceanStor VTL6900	见 <sup>3</sup>
4	CommVault Simpana 8.0,9.0,10	FC, iSCSI clients	OceanStor VTL6000 OceanStor VTL6900	见 <sup>3</sup>
5	HP data Protector 6.2,7.0	FC, iSCSI clients	OceanStor VTL6000 OceanStor VTL6900	见 <sup>3</sup>
6	EMC NetWorker 7.6	FC, iSCSI clients	OceanStor VTL6000 OceanStor VTL6900	见 <sup>3</sup>
7	EMC NetWorker 8.0	FC, iSCSI clients	OceanStor VTL6900	
8	IBM Tivoli Storage Manager 6.2.x	FC clients	OceanStor VTL6000 OceanStor VTL6900	见 <sup>3</sup>
9	IBM Tivoli Storage Manager 6.3,v6.3.1	FC, iSCSI clients	OceanStor VTL6000	
10	Microsoft Data Protection Manager 2010	FC, iSCSI clients	OceanStor VTL6000 OceanStor VTL6900	见 <sup>3</sup>
11	Microsoft Data Protection Manager 2012	FC, iSCSI clients	OceanStor VTL6000 OceanStor VTL6900	见 <sup>3</sup>
12	Symantec Veritas NetBackup v7.5	FC, iSCSI clients	OceanStor VTL6000 OceanStor VTL6900	见 <sup>3</sup>
13	BakBone NetVault v8.5,v8.61	FC, iSCSI clients	OceanStor VTL6000	见 <sup>3</sup>

- 1、 不支持 VTL6000 虚拟的 ADIC 10K 磁带库。
- 2、 仅限于 5.21。

3、 仅限于 Microsoft Windows Server 2008 R2。

## Microsoft Windows Server 2012

序号	备份软件	接口类型 (与 VTL)	虚拟磁带库	备注
1	CA ARCserver 16.5	FC ,iSCSI client	OceanStor VTL6000 OceanStor VTL6900	

## Solaris 8, 9 for SPARC

序号	备份软件	接口类型 (与 VTL)	虚拟磁带库	备注
1	Atempo TIMEnavigator v3.7.0.3 and above	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
2	BakBone NetVault v7.1,v7.3,v7.4	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
3	CA BrightStor Enterprise Backup Server v10.0,v10.5	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
4	CA ARCserver 11.1	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
5	CA ARCserver 11.5	FC, iSCSI clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
6	CommVault Galaxy v5,v5.9,v6.1	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>1</sup>
7	EMC Data Manager (EDM)	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
8	EMC NetWorker v6.1.x,v7.0,v7.1,v7.2x,v7.3x, v7.4x	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>2</sup>
9	HP OpenView Storage Data Protector v5.1,v5.5,v6	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
10	IBM Tivoli Storage Manager v5.x,v5.3x	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
11	Innovation FDR/Upstream	FC	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>3</sup>

12	Oracle Secure Backup v10.3	FC	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>3</sup>
13	SyncSort Backup Express v2.2,v2.3,v2.4	FC	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>3</sup>
14	Veritas NetBackup v3.4.1,v4.5,v5.x,v6.0	FC, iSCSI clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>3</sup>

- 1、 v6.1 仅支持 OceanStor VTL3500。
- 2、 v7.4.4 仅支持 OceanStor VTL6000， V6.1X 版本只在 solaris sparc9 平台支持 iscsi clients。
- 3、 仅支持 Solaris 9 for SPARC。

## Oracle Solaris 10 for SPARC

序号	备份软件	接口类型（与 VTL）	虚拟磁带库	备注
1	CA ARCserver 11.5 SP3	FC, iSCSI clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
2	CommVault Galaxy v6.1	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
3	BakBone NetVault v7.4	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
4	EMC NetWorker v7.1x,v7.2x,v7.3x	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
5	IBM Tivoli Storage Manager v5.2x,v5.3x	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
6	SyncSort Backup Express v3.1	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
7	Symantec Veritas NetBackup 6.5.x	FC clients	OceanStor VTL6000 OceanStor VTL6900	
8	Oracle Secure Backup v10.3	FC	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
9	HP Data Protector 7.0,7.01	FC	OceanStor VTL6900	
10	HP Data Protector 8.0	FC	OceanStor VTL6900	

## Oracle Solaris 11 for SPARC

序号	备份软件	接口类型 (与 VTL)	虚拟磁带库	备注
1	Symantec Veritas NetBackup 7.5.0.5,7.5.0.4	FC ,iSCSI client	OceanStor VTL6000 OceanStor VTL6900	
2	HP Data Protector 8.0	FC	OceanStor VTL6900	

## Oracle Solaris 10 for x86

序号	备份软件	接口类型 (与 VTL)	虚拟磁带库	备注
1	BakBone NetVault v7.4	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
2	Veritas NetBackup v5.05 and v6.5.x	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>1</sup>
3	Veritas NetBackup v6.0	FC and iSCSI clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
4	Veritas NetBackup v7.1	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
5	CommVault Galaxy 6.0	FC and iSCSI clients	OceanStor VTL6900	
6	EMC NetWorker v7.6.2	FC clients	OceanStor VTL6900	

1、 V6.5.x 仅支持 OceanStor VTL6000。

## Oracle Solaris 10 for AMD

序号	备份软件	接口类型 (与 VTL)	虚拟磁带库	备注
1	EMC NetWorker v7.6	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	

## Red Hat Enterprise Linux 6

序号	备份软件	接口类型 (与 VTL)	虚拟磁带库	备注
1	BakBone NetVault v8.6.3,v9.0	FC , iSCSI clients	OceanStor VTL6900	
2	BakBone NetVault v8.5,v8.5.x	FC , iSCSI clients	OceanStor VTL6000	
3	HP Data Protector 7.0,7.01	FC	OceanStor VTL6900	见 <sup>1</sup>
4	HP Data Protector 8.0	FC	OceanStor VTL6900	见 <sup>1</sup>

1、 仅支持 Red Hat Enterprise Linux 6.3 X86\_64。

## Red Hat Enterprise Linux 5 Update1

序号	备份软件	接口类型（与 VTL）	虚拟磁带库	备注
1	BakBone NetVault v8.0	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
2	Symantec Veritas NetBackup v6.5.4	FC , iSCSI clients	OceanStor VTL6000 OceanStor VTL6900	

## Red Hat Enterprise Linux 5 Update2

序号	备份软件	接口类型（与 VTL）	虚拟磁带库	备注
1	EMC NetWorker7.4x	FC, iSCSI clients	OceanStor VTL6000 OceanStor VTL6900	
2	Atempo TIMEnavigator v4.2	FC , iSCSI clients	OceanStor VTL6000 OceanStor VTL6900	

## Red Hat Enterprise Linux 5 Update3

序号	备份软件	接口类型（与 VTL）	虚拟磁带库	备注
1	EMC NetWorker V7.6	FC client	OceanStor VTL6900	见 <sup>1</sup>
2	IBM Tivoli Storage Manager v5.3.x,v5.4x,v5.5x,v6.1.x	FC , iSCSI clients	OceanStor VTL6900	见 <sup>1</sup>
3	IBM Tivoli Storage Manager v6.1.x	FC client	OceanStor VTL6900	见 <sup>1</sup>
4	Symantec Netbackup 7.0	FC , iSCSI clients	OceanStor VTL6000 OceanStor VTL6900	见 <sup>1</sup>
5	CommVault Simpana 9,10	FC, iSCSI clients	OceanStor VTL6000 OceanStor VTL6900	见 <sup>1</sup>

1. 仅支持 Linux X86-64.

## Red Hat Enterprise Linux 5 Update4

序号	备份软件	接口类型（与 VTL）	虚拟磁带库	备注
1	NetBackup7.1.0.2	FC , iSCSI clients	OceanStor VTL6900	见 <sup>1</sup>
2	BakBone NetVault v8.5	FC , iSCSI clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	

1、 仅支持 DELL R720、IBM x3650。

## Red Hat Enterprise Linux 5 Update7

序号	备份软件	接口类型（与 VTL）	虚拟磁带库	备注
1	EMC NetWorker 8.0	FC , iSCSI clients	OceanStor VTL6900	
2	CommVault Simpana 9,10	FC, iSCSI clients	OceanStor VTL6000 OceanStor VTL6900	见 <sup>1</sup>

3	HP Data Protector 7.0,7.01	FC	OceanStor VTL6900	见 <sup>1</sup>
4	HP Data Protector 8.0	FC	OceanStor VTL6900	见 <sup>1</sup>

1、 仅支持 Linux X86-64。

## Red Hat Enterprise Linux AS 3

序号	备份软件	接口类型（与 VTL）	虚拟磁带库	备注
1	Time Navigator v3.7.0.3 and above	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
2	BakBone NetVault v7.0,v7.3	FC, iSCSI clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
3	CA ARCserver 11.5 SP3	FC, iSCSI clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
4	EMC NetWorker v7.2.x,v7.3x	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>1</sup>
5	IBM Tivoli Storage Manager v5.2,v5.3.1	FC, iSCSI clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
6	IBM Tivoli Storage Manager v5.2.8,v5.3.3	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
7	Oracle Secure Backup v10.3	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
8	Veritas NetBackup v4.5,v5.x,v6.0	FC, iSCSI clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
9	Veritas NetBackup v5.1,v6	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	

1、 v7.3.2 仅支持 OceanStor VTL3500。

## Red Hat Enterprise Linux AS 4

序号	备份软件	接口类型（与 VTL）	虚拟磁带库	备注
1	IBM Tivoli Storage Manager v5.3.3	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
2	EMC NetWorker v7.2x,v7.3x,v7.4x	FC clients	OceanStor VTL3500 OceanStor VTL6000	

			OceanStor VTL6900	
3	Veritas NetBackup v6	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
4	Oracle Secure Backup v10.3	FC clients	OceanStor VTL6000 OceanStor VTL6900	

## Red Hat Enterprise Linux AS 5

序号	备份软件	接口类型（与 VTL）	虚拟磁带库	备注
1	Oracle Secure Backup v10.3	FC clients	OceanStor VTL6000 OceanStor VTL6900	

## Oracle Enterprise Linux 4

序号	备份软件	接口类型（与 VTL）	虚拟磁带库	备注
1	Oracle Secure Backup v10.3	FC clients	OceanStor VTL6000 OceanStor VTL6900	

## Oracle Enterprise Linux 5

序号	备份软件	接口类型（与 VTL）	虚拟磁带库	备注
1	Oracle Secure Backup v10.3	FC clients	OceanStor VTL6000 OceanStor VTL6900	

## SUSE Linux Enterprise Server 8

序号	备份软件	接口类型（与 VTL）	虚拟磁带库	备注
1	EMC Networker v7.2x,v7.3x	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
2	IBM Tivoli Storage Manager v5.3.3	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
3	Veritas NetBackup v6.x	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	

## SUSE Linux Enterprise Server 9

序号	备份软件	接口类型（与 VTL）	虚拟磁带库	备注
1	EMC Networker v7.2,v7.3x	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	

2	IBM Tivoli Storage Manager v5.3.3	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
3	Veritas NetBackup v6	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
4	Veritas NetBackup v6.5.4	FC clients	OceanStor VTL3500 OceanStor VTL6900	

## SUSE Linux Enterprise Server 9 SP3

序号	备份软件	接口类型（与 VTL）	虚拟磁带库	备注
1	Symantec Veritas NetBackup v6.5.4	FC clients	OceanStor VTL6000 OceanStor VTL6900	

## SUSE Linux Enterprise Server 10

序号	备份软件	接口类型（与 VTL）	虚拟磁带库	备注
1	Oracle Secure Backup v10.3	FC	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	

## SUSE Linux Enterprise Server 10 SP1

序号	备份软件	接口类型（与 VTL）	虚拟磁带库	备注
1	Symantec Veritas NetBackup v6.5.4	FC clients	OceanStor VTL6000 OceanStor VTL6900	

## SUSE Linux Enterprise Server 10 SP2

序号	备份软件	接口类型（与 VTL）	虚拟磁带库	备注
1	CommVault Simpana 9,10	FC, iSCSI clients	OceanStor VTL6000 OceanStor VTL6900	见 <sup>1</sup>

1、 仅支持 Linux X86-64。

## SUSE Linux Enterprise Server 11

序号	备份软件	接口类型（与 VTL）	虚拟磁带库	备注
1	Emc Networker v7.5.4,v7.6.2	FC clients	OceanStor VTL6900	
2	EMC Networker v8.1.1	FC clients	OceanStor VTL6900	见 <sup>1</sup>

1、 仅支持 SUSE Linux Enterprise Server 11 SP1 X86\_64。

## SUSE Linux Enterprise Server 11 SP2

序号	备份软件	接口类型（与 VTL）	虚拟磁带库	备注
1	CommVault Simpana 9,10	FC, iSCSI clients	OceanStor VTL6000 OceanStor VTL6900	见 <sup>1</sup>

1、 仅支持 Linux X86-64。

## AIX 5.1, 5.2, 5.3 见<sup>1</sup>

序号	备份软件	接口类型（与 VTL）	虚拟磁带库	备注
1	BakBone NetVault v7.1,v7.3,v7.4	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>2</sup>
2	CommVault Galaxy v5.9,v6.1	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
3	EMC NetWorker v7.3x,v7.4.4	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>3</sup>
4	IBM Tivoli Storage Manager v5.15,v5.2,v5.2.2x,v5.2.3x,v5.2.8,v5.3,v5.3.1,v5.3.3	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>4</sup>
5	IBM Tivoli Storage Manager v5.4x,v5.5x,v6.1x,v6.2x	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>5</sup>
6	SyncSort Backup Express v2.2,v2.3	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>6</sup>
7	Veritas NetBackup v5.x,v6.0	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
8	Oracle Secure Backup v10.3	FC clients	OceanStor VTL6000 OceanStor VTL6900	见 <sup>6</sup>

1、 如果前端使用 Boracade 交换机，则该版本的 HP-UNIX 备份服务器，不支持 VTL 6000 和 VTL6900 的 HAS 组网。

2、 V7.4 仅支持 OceanStor VTL3500。

3、 V7.3.1 与 V7.3.2 在 AIX 5.2 认证，v7.4.4 在 AIX 5.3 认证。

4、 V5.15 仅支持 AIX 5.2。

5、 仅支持 AIX 5.2。

6、 仅支持 AIX 5.3，AIX 6.1。

## AIX 6.1

序号	备份软件	接口类型（与 VTL）	虚拟磁带库	备注
1	IBM Tivoli Storage Manager	FC clients	OceanStor VTL3500	

	v5.5x,v6.2x,		OceanStor VTL6000 OceanStor VTL6900	
2	IBM Tivoli Storage Manager V6.3.1	FC clients	OceanStor VTL6900	见 <sup>1</sup>
3	Oracle Secure Backup v10.3	FC clients	OceanStor VTL6000 OceanStor VTL6900	
4	Symantec Netbackup 7.0	FC , iSCSI clients	OceanStor VTL6000 OceanStor VTL6900	
5	CommVault Simpana 9,10	FC, iSCSI clients	OceanStor VTL6000 OceanStor VTL6900	

1、 仅支持 AIX 6.1 TL7 SP3。

## AIX 7.1

序号	备份软件	接口类型（与 VTL）	虚拟磁带库	备注
1	IBM Tivoli Storage Manager V6.3.2	FC clients	OceanStor VTL6900	
2	CommVault Simpana 9,10	FC, iSCSI clients	OceanStor VTL6000 OceanStor VTL6900	

## HP-UX 11i v1 见<sup>1</sup>

序号	备份软件	接口类型（与 VTL）	虚拟磁带库	备注
1	Atempo TIMEnavigator v3.7,v4	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
2	BakBone NetVault v7.1,v7.3,v7.4	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>2</sup>
3	CommVault Galaxy v5,v5.9,v6.1	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>3</sup>
4	EMC NetWorker v7.1x,v7.3.x	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
5	HP OpenView Storage Data Protector v5.1,v5.5,v6	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
6	IBM Tivoli Storage Manager v5.3.1	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
7	Veritas NetBackup v5.x	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	

1、 如果前端使用 Boracade 交换机，则该版本的 HP-UNIX 备份服务器，不支持 VTL 6000 和 VTL6900 的 HAS 组网。

2、 V7.4 仅支持 OceanStor VTL3500。

3、 V6.1 仅支持 OceanStor VTL3500。

## HP-UX 11i v2 见<sup>1</sup>

序号	备份软件	接口类型（与 VTL）	虚拟磁带库	备注
1	Atempo TIMEnavigator v3.7,v4	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>2</sup>
2	CommVault Galaxy v6.1	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>2</sup>
3	HP OpenView Storage Data Protector v5.5,v6	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>2</sup>
4	Veritas NetBackup v6.x	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>2</sup>
5	Oracle Secure Backup v10.3	FC clients	OceanStor VTL6000 OceanStor VTL6900	

1、 如果前端使用 Boracade 交换机，则该版本的 HP-UNIX 备份服务器，不支持 VTL 6000 和 VTL6900 的 HAS 组网。

2、 不支持直连。

## HP-UX 11i v3

序号	备份软件	接口类型（与 VTL）	虚拟磁带库	备注
1	HP OpenView Storage Data Protector v6	FC clients	OceanStor VTL6000 OceanStor VTL6900	
2	HP OpenView Storage Data Protector v6.1x,v6.2	FC ,iSCSI clients	OceanStor VTL6900	
3	Oracle Secure Backup v10.3	FC clients	OceanStor VTL6000 OceanStor VTL6900	
4	Veritas NetBackup 7.5	FC ,iSCSI clients	OceanStor VTL6000 OceanStor VTL6900	

## IBM i5/OS

序号	备份软件	接口类型（与 VTL）	虚拟磁带库	备注
1	LXI Media Management System v5.3.4	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	

## HP Tru64 v5.1b

序号	备份软件	接口类型（与 VTL）	虚拟磁带库	备注
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1	Veritas NetBackup v5.x	FC clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
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## Red Hat Linux for Hosted Backup Option

序号	备份软件	操作系统平台	虚拟磁带库	备注
1	IBM Tivoli Storage Manager 6.1	Red Hat 5.3 (Linux x86-64)	OceanStor VTL3500	
2	IBM Tivoli Storage Manager 6.2.2	Red Hat 5.3 (Linux x86-64) Oracle Enterprise 5.5 (Linux x86-64)	OceanStor VTL6000 OceanStor VTL6900	见 <sup>2</sup>
3	Syncsort Backup Express v3.1	Red Hat 5.3 (Linux x86-64)	OceanStor VTL3500	
4	Oracle Secure Backup 10.2	Red Hat 4.2 (Linux x86-64) Red Hat 5.1 (Linux x86-64)	OceanStor VTL6000 OceanStor VTL6900	
5	Oracle Secure Backup 10.3	Red Hat 5.1 (Linux x86-64) Red Hat 5.3 (Linux x86-64)	OceanStor VTL6000 OceanStor VTL6900	见 <sup>1</sup>
6	Veritas NetBackup v5.x and 6.X	VTL Appliance	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
7	HP Data Protector 6.1x	Red Hat 5.3 (Linux x86-64)	OceanStor VTL6000 OceanStor VTL6900	
8	EMC NetWorker 7.1x	Red Hat 5.3 (Linux x86-64)	OceanStor VTL6000 OceanStor VTL6900	
9	BakBone NetVault v7.4 ,8.2	Red Hat 5.3 (Linux x86-64)	OceanStor VTL6000 OceanStor VTL6900	

- 1、支持 NDMP 磁带拷贝。
- 2、Certified with VTL-S 5.2。

## NDMP V3 and V4

序号	备份软件	系统平台	虚拟磁带库	备注
1	Network Appliance	OnTap 7.1 and 7.2	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	

## OpenStorage

序号	备份软件	接口类型	系统平台	虚拟磁带库	备注
1	Symantec NetBackup v7.0	FC clients	Microsoft Windows 2008 R2 Microsoft Windows 2008(64-bit) Microsoft Windows 2003 Standard Edition SP2 Windows 2003 R2 AIX 5.3 (64-bit) AIX 6.1 (64-bit)	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>1</sup>

			Oracle Solaris 10 for SPARC Red Hat Enterprise Linux 5.3 for x86_64 Red Hat Enterprise Linux 5.5 for x86_64		
2	Symantec NetBackup v6.5.6	FC clients	Microsoft Windows 2003 R2 Windows 2008(64-bit) Windows 2008 R2(64-bit) Red Hat Enterprise Linux 5 Update3(32-bit) AIX 5.3 (32bit) Oracle Solaris 10 for SPARC(32bit) Solaris x86 (64-bit)	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>1</sup>
3	Symantec NetBackup v7.1	FC clients	AIX 6.1 Solaris x86	OceanStor VTL6900	
4	Symantec NetBackup v7.5	FC,iscsi clients	Windows2003	OceanStor VTL6900	
5	Symantec NetBackup v7.5	FC clients	Solaris 10 for SPARC	OceanStor VTL6900	
6	Symantec NetBackup v7.5.0.4	FC clients	Solaris 11 for SPARC Red Hat Enterprise Linux 6.4	OceanStor VTL6900	

1、 OST 不支持 VTL6000 All in One (VTL-S 软件) 设备。

2、 如需要使用 OST 的直接连接磁带功能，需要安装 Symantec NetBackup 7.5 的补丁 <http://www.symantec.com/docs/TECH193964>

## Certified with Single Instance Repository Option and VTL-S Appliances

序号	备份软件	接口类型 (与 VTL)	虚拟磁带库	备注
1	Atempo TIMEnavigator v4.1.0 SP3	Microsoft Windows 2003 Standard Edition SP2	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>1</sup>
2	Atempo TIMEnavigator v4.2	Red Hat Enterprise Linux 5 Update2 for x86_64	OceanStor VTL6000 OceanStor VTL6900	见 <sup>6</sup>
3	BakBone NetVault v8.0 and v8.1	Microsoft Windows 2003 Standard Edition SP2	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
4	BakBone NetVault v8.5,v8.51,v8.52,v8.53	Red Hat Enterprise Linux 6	OceanStor VTL6000 OceanStor VTL6900	见 <sup>7</sup>
5	CA ARCserver 11.1,11.5 SP3, and 12	Microsoft Windows 2003 Standard Edition SP2	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
6	CA ARCserver 15	Microsoft Windows 2003 R2 Microsoft Windows 2003 SP2 Microsoft Windows 2008 Standard x86 Edition Microsoft Windows 2008 Standard x64 Edition Microsoft Windows 2008 Enterprise x86 Edition	OceanStor VTL6000 OceanStor VTL6900	

		Microsoft Windows 2008 Enterprise x64 Edition Microsoft Windows 2008 R2 Standard Edition Microsoft Windows 2008 R2 Enterprise Edition		
7	CommVault Simpana v7.0	Microsoft Windows 2003 Standard Edition SP2	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
8	CommVault Simpana v8.0	Microsoft Windows 2008 R2 (certified with VTL 5.21) Microsoft Windows 2003 (certified with Simpana 8.0 SP4)	OceanStor VTL6000 OceanStor VTL6900	
9	CommVault Simpana v9.0	Microsoft Windows 2008 R2	OceanStor VTL6000 OceanStor VTL6900	
10	CommVault Galaxy v6.0 and 6.1	Microsoft Windows 2003 Standard Edition SP2 Oracle Solaris 10	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
11	EMC NetWorker v7.3.2, 7.4.1, 7.4.2, and 7.4.3	Microsoft Windows 2003 Standard Edition SP2 Microsoft Windows 2003 Enterprise Edition SP1 with Jumbo Patch Oracle Solaris 10 (v7.3.2, 7.4.1, and 7.4.2)	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>2</sup>
12	EMC NetWorker v7.4.4	Red Hat Enterprise Linux 4 Update7 Microsoft Windows 2003 Standard Edition	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
13	EMC NetWorker v7.5	Microsoft Windows 2003 Standard Edition	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
14	HP Data Protector v5.5 and v6.0	Microsoft Windows 2003 Enterprise Edition SP2	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
15	HP Data Protector v6.11	Microsoft Windows 2003 Microsoft Windows 2003 R2 Microsoft Windows 2008 R2 certified with VTL 5.21 HP-UX 11i v3	OceanStor VTL6000 OceanStor VTL6900	
16	IBM Tivoli Storage Manager 5.5	AIX 6.1	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
17	IBM Tivoli Storage Manager 5.3.x,5.4.x,5.5.x and .6.1	Microsoft Windows 2003 Standard Edition SP2 Microsoft Windows 2003 Enterprise Edition SP2	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>2</sup>

		AIX 5.3		
18	IBM Backup Recovery & Media Services v6.1,v5.4,v5.3,v7.1 (V7R1)	IBM System i (i5/OS, iSeries, AS/400, OS/400)	OceanStor VTL6000 OceanStor VTL6900	
19	IBM Tivoli Storage Manager 6.1.2	Microsoft Windows 2003 R2	OceanStor VTL6000 OceanStor VTL6900	
20	IBM Tivoli Storage Manager 6.2.1	Microsoft Windows 2008 R2	OceanStor VTL6000 OceanStor VTL6900	
21	IBM Tivoli Storage Manager 6.2.2	AIX 5.3 AIX 6.1	OceanStor VTL6000 OceanStor VTL6900	见 <sup>5</sup>
22	LXI Media Management System v5.3.4	IBM i5/OS Version 5 Release 3	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
23	Oracle Secure Backup 10.2	Red Hat Enterprise Linux 4 Update2 for x86_64 Red Hat Enterprise Linux 5 Update1 for x86_64	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
24	Oracle Secure Backup 10.3	Red Hat Enterprise Linux 5 Update1 for x86_64	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>3</sup>
25	Symantec Backup Exec 2010	Microsoft Windows 2008 Microsoft Windows 2003 R2	OceanStor VTL6000 OceanStor VTL6900	见 <sup>4</sup>
26	Symantec Backup Exec v11.d	Microsoft Windows 2003 Standard and Enterprise Editions	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
27	Symantec Backup Exec v12.5	Microsoft Windows 2003 Standard Edition	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
28	SyncSort Backup Express v3.1	Oracle Solaris 10 Red Hat Enterprise Linux 5 Update3 for x86_64	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
29	Veritas NetBackup v6.0 MP4 and v6.5	Microsoft Windows 2003 Standard Edition SP2 Oracle Solaris 10 HP-UX 11i v2	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
30	Symantec Veritas NetBackup v6.5.4	Microsoft Windows 2003 Enterprise Edition SP2 Red Hat Enterprise Linux 5 Update1 for x86_64 SUSE Linux Enterprise Server 9 SP3 SUSE Linux Enterprise Server 10 SP1	OceanStor VTL6000 OceanStor VTL6900	见 <sup>4</sup>
31	Symantec NetBackup v7.0	Microsoft Windows 2008 Microsoft Windows 2003 R2 Red Hat Enterprise Linux 5 Update3 for x86_64	OceanStor VTL6000 OceanStor VTL6900	

		AIX 6.1		
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- 1、支持 TiNa 磁带格式。
- 2、支持 NetApp 和 EMC Celerra 的 NDMP。
- 3、支持 NDMP 磁带拷贝。
- 4、支持 FC 和 iSCSI 客户端。
- 5、支持 FC 客户端。
- 6、Certified with VTL5-5.2。
- 7、Certified with VTL/SIR-5.21。

## Inline

序号	备份软件	虚拟磁带库	备注
1	Symantec NetBackup	OceanStor VTL6900	
2	IBM Tivoli Storage Manager	OceanStor VTL6900	
3	NDMP	OceanStor VTL6900	
4	Generic 3	OceanStor VTL6900	见 <sup>1</sup>
5	CommVault Simpana	OceanStor VTL6900	
6	EMC NetWorker	OceanStor VTL6900	
7	Symantec Backup Exec and Microsoft Tape Format	OceanStor VTL6900	
8	Quest NetVault Backup	OceanStor VTL6900	
9	CA ARCserver	OceanStor VTL6900	见 <sup>2</sup>
10	HP Data Protector	OceanStor VTL6900	
11	IBM System i	OceanStor VTL6900	

- 1、如果磁带格式被检测到为不支持 Inline 的备份软件时，磁带将以 Generic3 方式解析。
- 2、使用 CAARC 备份做 inline 备份时，只支持单流。如配置多流，因在备份作业结束前 ARC 服务无法提供多流备份所需元数据信息，所以将会自动将重删方式由 inline 改为 post 重删，Post 重删将在备份作业结束且在备份结束后自动弹出到插槽后立即开始。

## HBA 卡与交换机

### HBA 卡

序号	设备	操作系统	虚拟磁带库	备注
1	Adaptec 9110G	Microsoft Windows Clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
2	Cambex FibreQuik PC2000	AIX Clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
3	Emulex LP850	Microsoft Windows Clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
4	Emulex LP952, LP952L	Microsoft Windows 2003 and 2000 Clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
5	Emulex LP8000	AIX Clients, Red Hat Linux Clients, Solaris Clients, Microsoft Windows Clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
6	Emulex LP9000	AIX Clients, Red Hat Linux Clients, Solaris Clients, Windows Clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
7	Emulex LP9002	Microsoft Windows Clients, AIX Clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
8	Emulex LP9002S	Solaris 8 and 9 Clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
9	Emulex LP10000DC	Solaris 9 for SPARC Clients, Microsoft Windows 2000 Clients, Linux Clients, DiskSafe Clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
10	Emulex LP11000	Microsoft Windows Clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
11	Emulex LP11002	Microsoft Windows Clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
12	Emulex LPe11000	Microsoft Windows Clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
13	Emulex LPe11002	Microsoft Windows Clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	

14	Emulex LPe12002	AIX Clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
15	HP AB378	HP-UX 11i V2 Clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
16	HP A8003A	HP-UX 11i V2 Clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
17	HP AH401A	HP-UX 11i V3 Clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
18	HP Tachyon A5158A	HP-UX 11i v1 Clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
19	HP Tachyon A6795A	HP-UX 11i v1 Clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
20	IBM 2765 PCI	AS400 Clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
21	IBM 5704 PCI-X	AS400 Clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
22	IBM 5735 PCI-X	AS400 Clients	OceanStor VTL6000 OceanStor VTL6900	
23	IBM 5749 PCI-X	AS400 Clients	OceanStor VTL6000 OceanStor VTL6900	
24	IBM 5761	AS400 Clients	OceanStor VTL6000 OceanStor VTL6900	
25	IBM 5774	AS400 Clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
26	QLogic QLA2340	Solaris SPARC Clients, Microsoft Windows Clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
27	QLogic QLA2342	Solaris SPARC Clients, Microsoft Windows Clients, Mac OS X 10.4.3 Clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
28	QLogic QLA2344	Microsoft Windows 2000/2003 Clients, Linux Clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
29	QLogic QLA2462	Microsoft Windows Clients	OceanStor VTL3500 OceanStor VTL6000	

			OceanStor VTL6900	
30	QLogic QLE2360	Microsoft Windows Clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
31	QLogic QLE2362	Microsoft Windows Clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
32	QLogic QLE2462	Microsoft Windows 2003 Enterprise Edition SP2 Clients, Red Hat Enterprise Linux AS 5 Update1 Clients, SUSE Linux Enterprise Server 9 SP3 Clients, SUSE Linux Enterprise Server 10 SP1 Clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
33	QLogic QLE2464	Microsoft Windows Clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
34	QLogic QLE2562	Microsoft Windows Clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
35	QLogic QLE2564	Microsoft Windows Clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
36	QLogic QLE8142	Windows 2003 and 2008 Server clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
37	QLogic QLE8152	Windows 2003 and 2008 Server clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
38	QLogic QLE10522	Windows Server 2008 R2, Windows Server 2012, VMware ESXi 5.1 clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
39	QLogic QLE10542	Windows Server 2008 R2, Windows Server 2012, VMware ESXi 5.1 clients	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	

## Fabric Switches/Hubs

序号	厂商	设备	虚拟磁带库	备注
1	Brocade	Silkworm 200E	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>1</sup>
2	Brocade	Silkworm 2000	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>2</sup>
3	Brocade	Silkworm 2400	OceanStor VTL3500 OceanStor VTL6000	见 <sup>2</sup>

			OceanStor VTL6900	
4	Brocade	Silkworm 2800	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>2</sup>
5	Brocade	Silkworm 3200	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>2</sup>
6	Brocade	Silkworm 3250	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
7	Brocade	Silkworm 3800	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>2,3,4</sup>
8	Brocade	Silkworm 3850	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
9	Brocade	Silkworm 3900	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>2,5</sup>
10	Brocade	Silkworm 4100	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>2,6</sup>
11	Brocade	Silkworm 4900	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
12	Brocade	Brocade 5000	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>7</sup>
13	Brocade	Brocade 5100	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
14	Brocade	Brocade 5300	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
15	Brocade	Silkworm 12000	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>2,8</sup>
16	Brocade	Silkworm 24000	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
17	Brocade	Brocade 48000	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
18	Cisco	MDS 9020	OceanStor VTL3500	

			OceanStor VTL6000 OceanStor VTL6900	
19	Cisco	MDS 9120	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
20	Cisco	MDS 9124	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
21	Cisco	MDS 9134	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>19</sup>
22	Cisco	MDS 9140	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
23	Cisco	MDS 9148	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
24	Cisco	MDS 9216	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>9</sup>
25	Cisco	MDS 9216i	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>10</sup>
26	Cisco	MDS 9506	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
27	Cisco	MDS 9509	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>11</sup>
28	Cisco	MDS 9513	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
29	CNT/McDATA	FC9000	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
30	CNT/McDATA	UMD	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
31	EMC	DS-16B	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
32	EMC	DS-16B2	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	

33	EMC	DS-16B3	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
34	EMC	DS-24M2	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
35	EMC	DS-32B2	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
36	EMC	DS-8B	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
37	EMC	DS-8B2	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
38	EMC	DS-8B3	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
39	EMC	ED-12000B	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
40	EMC	ED-24000B	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
41	EMC	DS-220B	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
42	EMC	DS-4100B	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
43	EMC	DS-4900B	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
44	EMC	ED-48000B	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
45	EMC	ED-10000M	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
46	EMC	DS-4400M	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
47	EMC	DS-4700M	OceanStor VTL3500 OceanStor VTL6000	

			OceanStor VTL6900	
48	EMC	DS-32M2	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
49	EMC	DS-32M	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
50	EMC	ED-140M	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
51	EMC	ED-64M	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
52	Emulex	LightPulse LH5000	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
53	HP/Compaq	StorageWorks SAN Switch/8	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
54	HP/Compaq	StorageWorks SAN Switch/16	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
55	HP	StorageWorks SAN Switch 2/8-e1	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
56	HP	StorageWorks SAN Switch 2/32	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
57	IBM	2005-B16	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
58	IBM	2109 S16 Integrated Fabric	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
59	IBM	2109 S08	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
60	IBM	TotalStorage SAN Switch S08	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
61	QLogic	SANbox-8 (SAN Connectivity Kit)	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>2</sup>
62	QLogic	SANbox 9000	OceanStor VTL3500	见 <sup>12</sup>

			OceanStor VTL6000 OceanStor VTL6900	
63	QLogic	SANbox 9100	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>13</sup>
64	QLogic	SANbox SB5200-20A	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>14</sup>
65	QLogic	SANbox 5602	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>15</sup>
66	QLogic	SANbox 5800	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>16,17</sup>
67	QLogic	SANbox2	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>3</sup>
68	QLogic	SANbox-16 (SAN Connectivity Kit)	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>2</sup>
69	McDATA	Intrepid 6064 Director	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
70	McDATA	Intrepid 6140 Director	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
71	McDATA	Intrepid 10000 Director	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
72	McDATA	Sphereon ES-3016	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
73	McDATA	Sphereon ES-3032	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
74	McDATA	Sphereon ES-3216	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
75	McDATA	Sphereon 3232	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>3</sup>
76	McDATA	Sphereon 4300	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	

77	McDATA	Sphereon ES-4400	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
78	McDATA	Sphereon 4500	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
79	McDATA	Sphereon 4700	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>18</sup>
80	StorageTek	4108	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>2</sup>
81	Sun	StorEdge FC Switch-8	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
82	Vixel	7200 Fabric Switch	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
83	Vixel	2100 Fabric HUB	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	

- 1、 交换机操作系统版本为 5.2.0a。
- 2、 交换机支持光纤通道故障转移和目标器模式。
- 3、 支持 1 Gbps 和 2 Gbps。
- 4、 交换机操作系统版本 v3.2.1b。
- 5、 交换机操作系统版本为 v4.1.2b 时，速率为 2 Gbps。
- 6、 交换机操作系统版本为 v6.1.1a。
- 7、 交换机操作系统版本为 V5.3.0a。
- 8、 交换机操作系统版本为 v5.0.5c。
- 9、 固件为 level 1.0 (2)。
- 10、 固件为 level: 2.1.1 (b)。
- 11、 固件为 level 1.35。
- 12、 固件为 7.8.9.0。
- 13、 固件为 6.2.1.6.0。
- 14、 固件为 4.2.0.18。
- 15、 固件为 5.0.0.17。
- 16、 8 Gbps 光纤通道交换机。
- 17、 固件版本为 7.4.0.16.00。
- 18、 固件版本为 08.00.01.2、09.00.00.76 和 9.1.0.50。
- 19、 NX-OS 4.1.3.a。

## Gigabit Switches

序号	厂商	设备	虚拟磁带库	备注
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1	Alteon	ACEswitch180E	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>1</sup>
2	Cisco	Catalyst 3500	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
3	Cisco	Catalyst 6509	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>1</sup>
4	Extreme	Summit 5i	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>1</sup>
5	Extreme	Summit li	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	见 <sup>1</sup>
6	Intel	470T	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
7	Netgear	FSM726S	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
8	Netgear	GS504T	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	

1、 支持巨型帧。

## Routers/Bridges

序号	厂商	设备	虚拟磁带库	备注
1	ATTO Technology	FibreBridge 3200R	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
2	Chaparral	VFS113	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
3	Chaparral	JFS226	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
4	Cisco	SN 5420 Storage Router	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
5	CNT	UltraNet Storage Edge Router	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	

6	Crossroads	4450 Storage Router	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
7	Crossroads	Conxsan 4250	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
8	PathLight	SAN Gateway	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	
9	QLogic	SANbox 6140	OceanStor VTL3500 OceanStor VTL6000 OceanStor VTL6900	

# OceanStor HDP 系列

## BMR Client

### Microsoft windows

序号	操作系统名称	版本	补丁	服务器类型	CPU 架构	HDP	备注
1	Microsoft Windows Server 2003	Enterprise Edition	R2-SP1	Huawei BH23	x86-32bit	OceanStor HDP3500E	见 <sup>1</sup>
2	Microsoft Windows Server 2003	Enterprise Edition	R2-SP1	Huawei BH23C	x86-32bit	OceanStor HDP3500E	见 <sup>2</sup>
3	Microsoft Windows Server 2008	Enterprise Edition	R2	Huawei BH28	x86-64bit	OceanStor HDP3500E	见 <sup>1</sup>

1、 OceanStor HDP3500E V100R002C00、OceanStor HDP3500E V100R003C00 版本均支持。

2、 仅 OceanStor HDP3500E V100R002C00 版本支持。

### SUSE

序号	操作系统名称	版本	补丁	服务器类型	CPU 架构	HDP	备注
1	SUSE Linux Enterprise Server	10	SP1	Huawei BH23	x86-64bit	OceanStor HDP3500E	见 <sup>1,2</sup>
2	SUSE Linux Enterprise Server	10	SP2	Huawei BH23	x86-64bit	OceanStor HDP3500E	见 <sup>1,2</sup>
3	SUSE Linux Enterprise Server	10	SP1	Huawei BH23C	x86-64bit	OceanStor HDP3500E	见 <sup>1,3</sup>
4	SUSE Linux Enterprise Server	10	SP2	Huawei BH23C	x86-64bit	OceanStor HDP3500E	见 <sup>1,3</sup>
5	SUSE Linux Enterprise Server	10	SP1	HP DL380G6	x86-64bit	OceanStor HDP3500E	见 <sup>1,3</sup>
6	SUSE Linux Enterprise Server	10	SP2	HP DL380G6	x86-64bit	OceanStor HDP3500E	见 <sup>1,3</sup>
7	SUSE Linux Enterprise Server	10	SP3	Huawei BH23	x86-64bit	OceanStor HDP3500E	见 <sup>1,2</sup>
8	SUSE Linux Enterprise Server	10	SP4	Huawei BH23	x86-64bit	OceanStor HDP3500E	见 <sup>1,2</sup>
9	SUSE Linux Enterprise Server	11	SP1	Huawei BH23C	x86-64bit	OceanStor HDP3500E	见 <sup>1,2</sup>
10	SUSE Linux Enterprise Server	11	SP1	Huawei BH28	x86-64bit	OceanStor HDP3500E	见 <sup>1,2</sup>

1、 文件系统格式支持 Ext3/Reiserfs/vxfs。

2、 OceanStor HDP3500E V100R002C00、OceanStor HDP3500E V100R003C00 版本均支持。

3、 仅 OceanStor HDP3500E V100R002C00 版本支持。

## Database Agents (OceanStor HDP3500E)

### IBM DB2

序号	数据库名称	版本	DB Bit	操作系统	CPU 架构	HDP	备注
1	DB2 UDB - EE/DPF	9.7	64	AIX 7.1	POWER	OceanStor HDP3500E	
2	DB2 UDB - EE/DPF	9.7	64	HP-UX 11.31	IA64	OceanStor HDP3500E	
3	DB2 UDB - EE/DPF	9.7	64	Red Hat Enterprise Linux 5.0 (Advanced)	x86-64	OceanStor HDP3500E	
4	DB2 UDB - EE/DPF	9.7 <sup>1</sup>	64	Red Hat Enterprise Linux 5.0 (base)	POWER	OceanStor HDP3500E	
5	DB2 UDB - EE/DPF	9.7	64	Red Hat Enterprise Linux 6.0	x86-64	OceanStor HDP3500E	
6	DB2 UDB - EE/DPF	9.7	64	Solaris 10	SPARC	OceanStor HDP3500E	
7	DB2 UDB - EE/DPF	9.7 <sup>2</sup>	64	SUSE Linux Enterprise Server 10	POWER	OceanStor HDP3500E	
8	DB2 UDB - EE/DPF	9.7	64	SUSE Linux Enterprise Server 10	x86-64	OceanStor HDP3500E	
9	DB2 UDB - EE/DPF	9.7	64	SUSE Linux Enterprise Server 11	x86-64	OceanStor HDP3500E	
10	DB2 UDB - EE/DPF	9.7	32	Windows Server 2003	x86-32	OceanStor HDP3500E	
11	DB2 UDB - EE/DPF	9.7	64	Windows Server 2003	x86-64	OceanStor HDP3500E	
12	DB2 UDB - EE/DPF	9.7	32	Windows Server 2008	x86-32	OceanStor HDP3500E	
13	DB2 UDB - EE/DPF	9.7	64	Windows Server 2008	x86-64	OceanStor HDP3500E	

1、在 IBM pSeries (POWER) CPU 架构上的 Red Hat Enterprise Linux 系统，不支持图形用户界面。

2、在 IBM pSeries (POWER) CPU 架构上的 SUSE Linux Enterprise 服务器，不支持图形用户界面。

### IBM Informix

序号	数据库名称	版本	DB Bit	操作系统	CPU 架构	HDP	备注
1	Informix IDS	11.7	64	AIX 7.1	POWER	OceanStor HDP3500E	
2	Informix IDS	11.7	64	HP-UX 11.31	IA64	OceanStor HDP3500E	
3	Informix IDS	11.7	64	HP-UX 11.31	PA-RISC	OceanStor HDP3500E	
4	Informix IDS	11.7	64	Red Hat Enterprise Linux 5.0 (Advanced)	x86-64	OceanStor HDP3500E	
5	Informix IDS	11.7	64	Red Hat Enterprise Linux 6.0	x86-64	OceanStor HDP3500E	

6	Informix IDS	11.7	64	Solaris 10	SPARC	OceanStor HDP3500E	
7	Informix IDS	11.7	64	Solaris 10	x86-64	OceanStor HDP3500E	

## IBM Lotus Domino

序号	数据库名称	版本	DB Bit	操作系统	CPU 架构	HDP	备注
1	Lotus Domino	8.5	64	AIX 7.1	POWER	OceanStor HDP3500E	
2	Lotus Domino	8.5	64	Red Hat Enterprise Linux 5.0 (Advanced)	x86-64	OceanStor HDP3500E	
3	Lotus Domino	8.5	64	Red Hat Enterprise Linux 6.0	x86-64	OceanStor HDP3500E	
4	Lotus Domino	8.5 <sup>1</sup>	64	Solaris 10	SPARC	OceanStor HDP3500E	
5	Lotus Domino	8.5 <sup>1</sup>	64	SUSE Linux Enterprise Server 10	x86-64	OceanStor HDP3500E	
6	Lotus Domino	8.5	64	SUSE Linux Enterprise Server 11	x86-64	OceanStor HDP3500E	
7	Lotus Domino	8.5 <sup>1</sup>	32	Windows Server 2003	x86-32	OceanStor HDP3500E	
8	Lotus Domino	8.5 <sup>1</sup>	32	Windows Server 2003	x86-64	OceanStor HDP3500E	
9	Lotus Domino	8.5 <sup>1</sup>	64	Windows Server 2003	x86-64	OceanStor HDP3500E	
10	Lotus Domino	8.5 <sup>1</sup>	32	Windows Server 2008	x86-32	OceanStor HDP3500E	
11	Lotus Domino	8.5 <sup>1</sup>	32	Windows Server 2008	x86-64	OceanStor HDP3500E	
12	Lotus Domino	8.5 <sup>1</sup>	64	Windows Server 2008	x86-64	OceanStor HDP3500E	
13	Lotus Domino	8.5 <sup>1</sup>	64	Windows Server 2008 R2	x86-64	OceanStor HDP3500E	

1、 使用NetBackup 保护配置为使用Domino Attachment and Object Services (DAOS)的Lotus Domino 服务器，参考文档

TECH69745: <http://www.symantec.com/docs/TECH69745>。

## Microsoft Exchange

序号	数据库名称	版本	DB Bit	操作系统	CPU 架构	HDP	备注
1	Exchange	2010	64	Windows Server 2008 SP2	x86-64	OceanStor HDP3500E	
2	Exchange	2010	64	Windows Server 2008 R2	x86-64	OceanStor HDP3500E	
3	Exchange	2010 SP1	64	Windows Server 2008 SP2	x86-64	OceanStor HDP3500E	
4	Exchange	2010 SP1	64	Windows Server 2008 R2	x86-64	OceanStor HDP3500E	
5	Exchange	2010 SP2	64	Windows Server 2008 SP2	x86-64	OceanStor HDP3500E	
6	Exchange	2010 SP2	64	Windows Server 2008 R2	x86-64	OceanStor HDP3500E	

## Microsoft SharePoint

序号	数据库名称	版本	DB Bit	操作系统	CPU 架构	HDP	备注
1	SharePoint	2010 <sup>1,2</sup>	64	Windows Server 2008 SP2	x86-64	OceanStor HDP3500E	
2	SharePoint	2010 <sup>1</sup>	64	Windows Server 2008 R2	x86-64	OceanStor HDP3500E	
3	SharePoint	2010 SP1 <sup>1</sup>	64	Windows Server 2008 SP2	x86-64	OceanStor HDP3500E	
4	SharePoint	2010 SP1 <sup>1</sup>	64	Windows Server 2008 R2	x86-64	OceanStor HDP3500E	

1、 对于 Windows 2008 SP2 上支持 SharePoint 2010 的要求，请参考 NetBackup 发布说明。

2、 支持 SQL Server 2005 (64-bit)，SQL Server 2008 和 SQL Server 2008 R2。

## Microsoft SQL Server

序号	数据库名称	版本	DB Bit	操作系统	CPU 架构	HDP	备注
1	SQL Server	2008	32	Windows Server 2003 SP2	x86-32	OceanStor HDP3500E	
2	SQL Server	2008	64	Windows Server 2003 SP2	x86-64	OceanStor HDP3500E	
3	SQL Server	2008	32	Windows Server 2008	x86-32	OceanStor HDP3500E	
4	SQL Server	2008	64	Windows Server 2008	x86-64	OceanStor HDP3500E	
5	SQL Server	2008	64	Windows Server 2008 R2	x86-64	OceanStor HDP3500E	
6	SQL Server	2008 R2	32	Windows Server 2003	x86-32	OceanStor HDP3500E	
7	SQL Server	2008 R2	64	Windows Server 2003	x86-64	OceanStor HDP3500E	
8	SQL Server	2008 R2	32	Windows Server 2008	x86-32	OceanStor HDP3500E	
9	SQL Server	2008 R2	64	Windows Server 2008	x86-64	OceanStor HDP3500E	
10	SQL Server	2008 R2	64	Windows Server 2008 R2	x86-64	OceanStor HDP3500E	

## MySQL

序号	数据库名称	版本	DB Bit	操作系统	CPU 架构	HDP	备注
1	MySQL	5	32	Microsoft Windows Server 2003 R2 SP1	x86-32bit	OceanStor HDP3500E	见 <sup>1,2</sup>
2	MySQL	5	64	SUSE Linux Enterprise Server 11 SP1	x86-64bit	OceanStor HDP3500E	见 <sup>1,2</sup>

1、 HDP3500E 对 MySQL 数据库备份流程为：将 MySQL 数据库导出为文件格式，再使用 HDP3500E 对文件备份，反之，恢复流程为：使用 HDP3500E 对文件做恢复，再将此文件恢复为数据库格式。

2、 仅 OceanStor HDP3500E V100R003C00 版本支持。

## Oracle

序号	数据库名称	版本	DB Bit	操作系统	CPU 架构	HDP	备注
1	Oracle	11g R2	64	AIX 7.1	POWER	OceanStor HDP3500E	
2	Oracle	11g R2	64	HP-UX 11.31	IA64	OceanStor HDP3500E	
3	Oracle	11g R2	64	HP-UX 11.31	PA-RISC	OceanStor HDP3500E	
4	Oracle	11g R2	64	Red Hat Enterprise Linux 5.0 (Advanced)	x86-64	OceanStor HDP3500E	
5	Oracle	11g R2	64	Red Hat Enterprise Linux 6.0	x86-64	OceanStor HDP3500E	
6	Oracle	11g R2	64	Solaris 10	SPARC	OceanStor HDP3500E	
7	Oracle	11g R2	64	Solaris 10	x86-64	OceanStor HDP3500E	
8	Oracle	11g R2	64	Solaris 11	SPARC	OceanStor HDP3500E	
9	Oracle	11g R2	64	Solaris 11	x86-64	OceanStor HDP3500E	
10	Oracle	11g R2	64	SUSE Linux Enterprise Server 10	x86-64	OceanStor HDP3500E	
11	Oracle	11g R2	64	SUSE Linux Enterprise Server 11	x86-64	OceanStor HDP3500E	
12	Oracle	11g R2	32	Windows Server 2003	x86-32	OceanStor HDP3500E	
13	Oracle	11g R2	64	Windows Server 2003	x86-64	OceanStor HDP3500E	
14	Oracle	11g R2	32	Windows Server 2008	x86-32	OceanStor HDP3500E	
15	Oracle	11g R2	64	Windows Server 2008	x86-64	OceanStor HDP3500E	
16	Oracle	11g R2	64	Windows Server 2008 R2	x86-64	OceanStor HDP3500E	

## SMDB

序号	数据库名称	版本	DB Bit	操作系统	CPU 架构	HDP	备注
1	Huawei SMDB	V100R001C21	64	SUSE Linux Enterprise Server 10 SP2	x86-64bit	OceanStor HDP3500E	见 <sup>1</sup>
2	Huawei SMDB	V100R001C22	64	SUSE Linux Enterprise Server 10 SP2	x86-64bit	OceanStor HDP3500E	见 <sup>1</sup>

- 1、 HDP3500E 对 SMDB 数据库备份流程为：将 SMDB 数据库导出为文件格式，再使用 HDP3500E 对文件备份，反之，恢复流程为：使用 HDP3500E 对文件做恢复，再将此文件恢复为 SMDB 数据库格式。

## Sybase

序号	数据库名称	版本	DB Bit	操作系统	CPU 架构	HDP	备注
1	Sybase ASE	15.5	64	AIX 7.1	POWER	OceanStor HDP3500E	
2	Sybase ASE	15.5	64	HP-UX 11.31	IA64	OceanStor HDP3500E	
3	Sybase ASE	15.5	64	HP-UX 11.31	PA-RISC	OceanStor HDP3500E	
4	Sybase ASE	15.5	64	Red Hat Enterprise Linux 5.0 (Advanced)	x86-64	OceanStor HDP3500E	
5	Sybase ASE	15.5	64	Red Hat Enterprise Linux 6.0	x86-64	OceanStor HDP3500E	
6	Sybase ASE	15.5	64	Solaris 10	SPARC	OceanStor HDP3500E	
7	Sybase ASE	15.5	64	Solaris 10	x86-64	OceanStor HDP3500E	
8	Sybase ASE	15.5	32	Windows Server 2003	x86-32	OceanStor HDP3500E	
9	Sybase ASE	15.5	64	Windows Server 2003	x86-64	OceanStor HDP3500E	
10	Sybase ASE	15.5	64	Windows Server 2008 R2	x86-64	OceanStor HDP3500E	

## Database Agents (OceanStor HDP3500)

### IBM

序号	名称	版本	补丁	CPU 架构	HDP	备注
1	DB2	8.2		x86-32bit	OceanStor HDP3500	见 <sup>1,2</sup>
2	DB2	8.2		x86-64bit	OceanStor HDP3500	见 <sup>2,3</sup>
3	DB2	9.1		x86-32bit	OceanStor HDP3500	见 <sup>1,2</sup>
4	DB2	9.1		x86-64bit	OceanStor HDP3500	见 <sup>2,4</sup>
5	DB2	9.5		x86-32bit	OceanStor HDP3500	见 <sup>1,2</sup>
6	DB2	9.5		x86-64bit	OceanStor HDP3500	见 <sup>2,5</sup>
7	Lotus Domino/Notes	7.0.x		x86-32bit	OceanStor HDP3500	见 <sup>6</sup>
8	Lotus Domino/Notes	7.0.x		x86-64bit	OceanStor HDP3500	见 <sup>6</sup>
9	Lotus Domino/Notes	8.0.x		x86-32bit	OceanStor HDP3500	见 <sup>6</sup>
10	Lotus Domino/Notes	8.0.x		x86-64bit	OceanStor HDP3500	见 <sup>6</sup>
11	Lotus Domino/Notes	8.5		x86-32bit	OceanStor HDP3500	
12	Lotus Domino/Notes	8.5		x86-64bit	OceanStor HDP3500	
13	Lotus Domino/Notes	8.5.1		x86-32bit	OceanStor HDP3500	见 <sup>7</sup>
14	Lotus Domino/Notes	8.5.1		x86-64bit	OceanStor HDP3500	见 <sup>7</sup>
15	Lotus Domino/Notes	8.5.2		x86-32bit	OceanStor HDP3500	见 <sup>7,8</sup>
16	Lotus Domino/Notes	8.5.2		x86-64bit	OceanStor HDP3500	见 <sup>7,8</sup>

- 1、 所有支持的 DB2 版本在所有的 Windows 版本中均被支持。
- 2、 Backup Exec 只支持 DB2 的数据库路径长度在 12 个字符以内。
- 3、 DB2 8.2 的 64 位版本只支持 Windows 2003。
- 4、 DB2 9.1 的 64 位版本只支持 Windows 2003 和 2008。
- 5、 DB2 9.5 的 64 位版本只支持 Windows 2003 和 2008。
- 6、 只支持 Lotus .NSF 格式的数据库， Lotus/DB2 数据库格式现在不支持。
- 7、 支持 64 位系统上的 Lotus 8.5.X， 包括 32 位和 64 位的 Lotus。
- 8、 只包括 Backup Exec 2010 R2 和 R3。

### Microsoft

序号	名称	版本	补丁	CPU 架构	HDP	备注
1	Exchange	2003	SP1	x86-32bit	OceanStor HDP3500	
2	Exchange	2003	SP2	x86-32bit	OceanStor HDP3500	
3	Exchange	2007		x86-64bit	OceanStor HDP3500	见 <sup>1,2</sup>
4	Exchange	2007	SP1	x86-64bit	OceanStor HDP3500	见 <sup>1,2</sup>
5	Exchange	2007	SP2	x86-64bit	OceanStor HDP3500	见 <sup>1,2</sup>
6	Exchange	2007	SP3	x86-64bit	OceanStor HDP3500	见 <sup>1,2</sup>
7	Exchange	2010		x86-64bit	OceanStor HDP3500	见 <sup>3,4</sup>
8	Exchange	2010	SP1	x86-64bit	OceanStor HDP3500	见 <sup>3,4,5,6</sup>
9	MSDE	2.x (SQL 2000 desktop)	SP3A	x86-32bit	OceanStor HDP3500	
10	MSDE	2.x (SQL 2000 desktop)	SP4	x86-32bit	OceanStor HDP3500	

11	Office SharePoint Server	2007		x86-32bit	OceanStor HDP3500	见 <sup>7</sup>
12	Office SharePoint Server	2007		x86-64bit	OceanStor HDP3500	见 <sup>7</sup>
13	Office SharePoint Server	2007	SP1	x86-32bit	OceanStor HDP3500	见 <sup>7,8,9</sup>
14	Office SharePoint Server	2007	SP1	x86-64bit	OceanStor HDP3500	见 <sup>7,8,9</sup>
15	Office SharePoint Server	2007	SP2	x86-32bit	OceanStor HDP3500	见 <sup>7,8,9</sup>
16	Office SharePoint Server	2007	SP2	x86-64bit	OceanStor HDP3500	见 <sup>7,8,10</sup>
17	Operations Manager	2005	SP1	x86-32bit	OceanStor HDP3500	
18	Operations Manager	2005	SP1	x86-64bit	OceanStor HDP3500	
19	SharePoint Portal Server	2003		x86-32bit	OceanStor HDP3500	见 <sup>7,11</sup>
20	SharePoint Portal Server	2003	SP1	x86-32bit	OceanStor HDP3500	见 <sup>7,11</sup>
21	SharePoint Portal Server	2003	SP2	x86-32bit	OceanStor HDP3500	见 <sup>11,12,7</sup>
22	SharePoint Portal Server	2003	SP3	x86-32bit	OceanStor HDP3500	见 <sup>12,11,7</sup>
23	SharePoint Portal Server	2010	SP1	x86-64bit	OceanStor HDP3500	
24	SharePoint Portal Server	2010		x86-64bit	OceanStor HDP3500	见 <sup>13,5</sup>
25	SQL Express	2005		x86-32bit	OceanStor HDP3500	
26	SQL Express	2005	SP1	x86-32bit	OceanStor HDP3500	
27	SQL Express	2005	SP2	x86-32bit	OceanStor HDP3500	
28	SQL Express	2005	SP3	x86-32bit	OceanStor HDP3500	见 <sup>14</sup>
29	SQL Express	2005	SP4	x86-32bit	OceanStor HDP3500	
30	SQL Express	2005	SP4	x86-64bit	OceanStor HDP3500	
31	SQL Express	2008		x86-32bit	OceanStor HDP3500	
32	SQL Express	2008	SP1	x86-32bit	OceanStor HDP3500	
33	SQL Express	2008	SP2	x86-32bit	OceanStor HDP3500	
34	SQL Server	2000	SP3a	x86-32bit	OceanStor HDP3500	
35	SQL Server	2000	SP3a	x86-64bit	OceanStor HDP3500	
36	SQL Server	2000	SP4	x86-32bit	OceanStor HDP3500	
37	SQL Server	2000	SP4	x86-64bit	OceanStor HDP3500	
38	SQL Server	2005		x86-32bit	OceanStor HDP3500	
39	SQL Server	2005		x86-64bit	OceanStor HDP3500	
40	SQL Server	2005	SP1	x86-32bit	OceanStor HDP3500	
41	SQL Server	2005	SP1	x86-64bit	OceanStor HDP3500	
42	SQL Server	2005	SP2	x86-32bit	OceanStor HDP3500	
43	SQL Server	2005	SP2	x86-64bit	OceanStor HDP3500	
44	SQL Server	2005	SP3	x86-32bit	OceanStor HDP3500	
45	SQL Server	2005	SP3	x86-64bit	OceanStor HDP3500	
46	SQL Server	2005	SP4	x86-32bit	OceanStor HDP3500	
47	SQL Server	2005	SP4	x86-64bit	OceanStor HDP3500	
48	SQL Server	2008		x86-32bit	OceanStor HDP3500	
49	SQL Server	2008		x86-64bit	OceanStor HDP3500	
50	SQL Server	2008	SP1	x86-32bit	OceanStor HDP3500	
51	SQL Server	2008	SP1	x86-64bit	OceanStor HDP3500	
52	SQL Server	2008	SP2	x86-32bit	OceanStor HDP3500	见 <sup>5</sup>
53	SQL Server	2008	SP2	x86-64bit	OceanStor HDP3500	见 <sup>5</sup>

54	SQL Server	2008 R2		x86-32bit	OceanStor HDP3500	见 <sup>5</sup>
55	SQL Server	2008 R2		x86-64bit	OceanStor HDP3500	见 <sup>5</sup>
56	Windows SharePoint Services	2010		x86-64bit	OceanStor HDP3500	见 <sup>5,13</sup>
57	Windows SharePoint Services	2.0		x86-32bit	OceanStor HDP3500	见 <sup>7,11</sup>
58	Windows SharePoint Services	2.0	SP1	x86-32bit	OceanStor HDP3500	见 <sup>7,11</sup>
59	Windows SharePoint Services	2.0	SP2	x86-32bit	OceanStor HDP3500	见 <sup>7,11,12</sup>
60	Windows SharePoint Services	2.0	SP3	x86-32bit	OceanStor HDP3500	见 <sup>7,11,12</sup>
61	Windows SharePoint Services	3.0		x86-32bit	OceanStor HDP3500	见 <sup>7</sup>
62	Windows SharePoint Services	3.0		x86-64bit	OceanStor HDP3500	见 <sup>7</sup>
63	Windows SharePoint Services	3.0	SP1	x86-32bit	OceanStor HDP3500	见 <sup>7,8,9</sup>
64	Windows SharePoint Services	3.0	SP1	x86-64bit	OceanStor HDP3500	见 <sup>7,8,9</sup>
65	Windows SharePoint Services	3.0	SP2	x86-32bit	OceanStor HDP3500	见 <sup>10,7,8</sup>
66	Windows SharePoint Services	3.0	SP2	x86-64bit	OceanStor HDP3500	见 <sup>10,7,8</sup>

- 1、如果Backup Exec部署在 32 位的Windows 2003 系统上，需要使用已安装的Exchange tool工具来备份Exchange 2007。需要在Exchange服务器上安装CDO以实现GRT备份恢复。Backup Exec 2010 支持Exchange 2007 CCR, LCR和SCC。CPS不支持CCR。详情请参考：<http://www.symantec.com/docs/TECH33746>。
- 2、在Windows 2008 平台运行的Exchange 2007 不支持GRT。详情请参考：<http://www.symantec.com/docs/TECH55900>。同时，不支持在安装了CDO/MAPI组件的同一服务器上安装Microsoft Office。
- 3、Exchange 2010 要求在 Windows 2008 SP2 或者 Windows 2008 R2 x64 介质服务器上安装 Exchange 2010 管理工具。
- 4、因为 DAG (Database Availability Group) 依然需要使用部分的 Windows Failover Clustering，所以要求为 Windows Enterprise Edition。
- 5、只包括 Backup Exec 2010 R2 和 R3。
- 6、当前的 Backup Exec 体系并不支持 Exchange 2010 SP1 提供的 database scoping 功能。
- 7、若使用Backup Exec for Windows Systems SharePoint Agent备份SharePoint环境，且farm服务器或者Backup Exec介质服务器运行在Windows 2000 操作系统上，详情请参考：<http://www.symantec.com/docs/TECH70469>。
- 8、现在Windows Server 2008 支持Microsoft Office SharePoint Server 2007 SP1 和Windows SharePoint Services 3.0 SP1 及更高版本，详情请参考：<http://technet.microsoft.com/en-us/windowsserver/sharepoint/bb735839.aspx>。
- 9、现在支持Microsoft Office SharePoint Server 2007 SP1 和Windows SharePoint Services 3.0 SP1，与作为后端数据库服务器的SQL Server 2008 协同工作，详情请参考：<http://technet.microsoft.com/en-us/windowsserver/sharepoint/bb735839.aspx>。
- 10、现在支持Microsoft Office SharePoint Server 2007 SP1 和Windows SharePoint Services 3.0 SP1，与作为后端数据库服务器的SQL Server 2008 协同工作，详情请参考：<http://technet.microsoft.com/en-us/windowsserver/sharepoint/bb735839.aspx>。
- 11、所有除了 SQL 服务器的 SharePoint 服务器 farm，必须在 Microsoft SharePoint Portal Server 2003 和 Microsoft Windows SharePoint Services 2.0 的 32 位操作系统平台上。
- 12、Microsoft SharePoint Portal Server 2003 、Microsoft Windows SharePoint Services 2.0 SP2 或者以上的版本，现在支持 32 位、64 位的 Microsoft SQL Server 2005 数据库服务器。但是不支持在 64 位 Windows Server 2003 (WOW 模式) 系统上运行 32 位 Microsoft SharePoint Portal Server 2003 或者 Microsoft Windows SharePoint Services 2.0。
- 13、Microsoft SharePoint 2010 只支持 Windows 2008 x64 及更高版本上。
- 14、更多有关升级Backup Exec SQL Express 2005 到SP3 的信息请参考：<http://www.symantec.com/docs/TECH72249>。

## Oracle

序号	名称	版本	补丁	CPU 架构	HDP	备注
1	Database	10g		x86-32bit	OceanStor HDP3500	见 <sup>1,2,3,4,5</sup>
2	Database	10g		x86-64bit	OceanStor HDP3500	见 <sup>1,2,3,4</sup>
3	Database	10g	R2	x86-32bit	OceanStor HDP3500	见 <sup>1,2,3,4,5</sup>
4	Database	10g	R2	x86-64bit	OceanStor HDP3500	见 <sup>1,2,3,4</sup>

5	Database	11g		x86-32bit	OceanStor HDP3500	见 <sup>6,7</sup>
6	Database	11g		x86-64bit	OceanStor HDP3500	见 <sup>6,7</sup>
7	Database	9i		x86-32bit	OceanStor HDP3500	见 <sup>1,2,3,4,5,8</sup>
8	Database	9i		x86-64bit	OceanStor HDP3500	见 <sup>1,2,3,4,8</sup>

- 1、 不支持 IPv6。
- 2、 支持的 Oracle 版本有 Enterprise、Standard、Standard One、Lite 和 Personal。
- 3、 支持 Windows 和 Linux 的 RAC。
- 4、 支持所有 Windows 和 Linux 版本。
- 5、 Oracle Agent 现在不支持运行在 64 位系统上的 32 位版本的 Oracle。
- 6、 支持 Windows 的 RAC。
- 7、 只支持 Windows（包含 Windows 上的 RAC）。
- 8、 Oracle 版本为 9.2 以上。

# NetBackup Client

## Apple Mac OS X

序号	操作系统名称	版本	补丁	CPU 架构	HDP	备注
1	Mac OS X	10.7	-	x86-64bit	OceanStor HDP3500E	

## CentOS

序号	操作系统名称	版本	补丁	CPU 架构	HDP	备注
1	CentOS	6.0	-	x86-64bit	OceanStor HDP3500E	

## Debian

序号	操作系统名称	版本	补丁	CPU 架构	HDP	备注
1	Debian GNU/Linux	6.0	-	x86-64bit	OceanStor HDP3500E	

## FreeBSD

序号	操作系统名称	版本	补丁	CPU 架构	HDP	备注
1	FreeBSD	8.3	-	x86-32bit	OceanStor HDP3500E	见 <sup>1</sup>
2	FreeBSD	8.3	-	x86-64bit	OceanStor HDP3500E	见 <sup>1</sup>

1、 需要安装 FreeBSD compat 6x-I386 库。

## HP-UX

序号	操作系统名称	版本	补丁	CPU 架构	HDP	备注
1	HP-UX	11.31	-	IA64	OceanStor HDP3500E	
2	HP-UX	11.31	-	PA-RISC	OceanStor HDP3500E	

## IBM AIX

序号	操作系统名称	版本	补丁	CPU 架构	HDP	备注
1	AIX	7.1	-	POWER	OceanStor HDP3500E	

## Microsoft Windows

序号	操作系统名称	版本	补丁	CPU 架构	HDP	备注
1	Windows XP	Professional Edition	SP2	x86-32bit	OceanStor HDP3500E	
2	Windows XP	Professional Edition	SP2	x86-64bit	OceanStor HDP3500E	
3	Windows Vista	Enterprise Edition	-	x86-32bit	OceanStor HDP3500E	
4	Windows Vista	Enterprise Edition	-	x86-64bit	OceanStor HDP3500E	
5	Windows 7	Ultimate Edition	-	x86-32bit	OceanStor HDP3500E	

6	Windows 7	Ultimate Edition	-	x86-64bit	OceanStor HDP3500E	
7	Windows Server 2003 R2	Standard, Enterprise, Datacenter Edition	-	x86-32bit	OceanStor HDP3500E	
8	Windows Server 2003 R2	Standard, Enterprise, Datacenter Edition	-	x86-64bit	OceanStor HDP3500E	
9	Windows Server 2003	Standard, Enterprise, Datacenter Edition	SP1 <sup>1</sup>	x86-32bit	OceanStor HDP3500E	
10	Windows Server 2003	Standard, Enterprise, Datacenter Edition	SP1 <sup>1</sup>	x86-64bit	OceanStor HDP3500E	
11	Windows Server 2008 R2	Standard, Enterprise, Datacenter Edition	-	x86-64bit	OceanStor HDP3500E	
12	Windows Server 2008 R2 Core	Standard, Enterprise, Datacenter Edition	-	x86-64bit	OceanStor HDP3500E	
13	Windows Server 2008	Standard, Enterprise, Datacenter Edition	-	x86-32bit	OceanStor HDP3500E	
14	Windows Server 2008	Standard, Enterprise, Datacenter Edition	-	x86-64bit	OceanStor HDP3500E	
15	Windows Server 2008 Core	Standard, Enterprise, Datacenter Edition	-	x86-32bit	OceanStor HDP3500E	
16	Windows Server 2008 Core	Standard, Enterprise, Datacenter Edition	-	x86-64bit	OceanStor HDP3500E	

1、支持 SP1 及以后版本。

## Oracle Solaris

序号	操作系统名称	版本	补丁	CPU 架构	HDP	备注
1	Oracle Solaris	10	-	SPARC	OceanStor HDP3500E	
2	Oracle Solaris	10	-	x86-64bit	OceanStor HDP3500E	
3	Oracle Solaris	11	-	SPARC	OceanStor HDP3500E	
4	Oracle Solaris	11	-	x86-64bit	OceanStor HDP3500E	

## Red Hat

序号	操作系统名称	版本	补丁	CPU 架构	HDP	备注
1	Red Hat Enterprise Linux	5.0 Advanced	-	x86-64bit	OceanStor HDP3500E	见 <sup>1</sup>
2	Red Hat Enterprise Linux	5.0 Base	-	x86-64bit	OceanStor HDP3500E	见 <sup>1</sup>
3	Red Hat Enterprise Linux	6.0 <sup>3</sup>	-	x86-64bit	OceanStor HDP3500E	见 <sup>2</sup>

1、除非特别说明，支持 Red Hat Enterprise Linux 5 Advanced 和 Base 版本的所有 GA 升级版本(例如 5.1, 5.2 等)。

2、除非特别说明，支持 Red Hat Enterprise Linux 6 Advanced 和 Base 版本的所有 GA 升级版本(例如 6.1 等)。

3、支持 Red Hat Enterprise Linux 6 Editions: Advanced 和 Base 版本。

## SUSE

序号	操作系统名称	版本	补丁	CPU 架构	HDP	备注
1	SUSE Linux Enterprise Server	10	SP1	x86-64bit	OceanStor HDP3500E	见 <sup>1</sup>
2	SUSE Linux Enterprise Server	11	-	x86-64bit	OceanStor HDP3500E	见 <sup>2</sup>

1、支持 SP1 及以后版本。

2、SUSE Linux Enterprise Server 11 SP2 需要 NetBackup 7.1.0.4 或者 NetBackup 7.5 或者更高版本支持。

## Ubuntu

序号	操作系统名称	版本	补丁	CPU 架构	HDP	备注
1	Ubuntu	11.10	-	x86-64bit	OceanStor HDP3500E	

## NDMP Devices

### Huawei

序号	设备	软件	连接方式	直接访问恢复	NetBackup 共享存储选项	HDP	备注
1	N8000 series	FileStore 5.5	Remote,3-way	Yes	No	OceanStor HDP3500E	

# Remote Agent

## Remote Agent for Windows Systems

### Citrix

序号	操作系统名称	版本	补丁	CPU 架构	HDP	备注
1	Metaframe	XPa	FP2	x86-32bit	OceanStor HDP3500	见 <sup>1</sup>
2	Metaframe	XPa	FP3	x86-32bit	OceanStor HDP3500	见 <sup>1</sup>
3	Metaframe	XPe	FP2	x86-32bit	OceanStor HDP3500	见 <sup>1</sup>
4	Metaframe	XPe	FP3	x86-32bit	OceanStor HDP3500	见 <sup>1</sup>
5	Metaframe	XPs	FP2	x86-32bit	OceanStor HDP3500	见 <sup>1</sup>
6	Metaframe	XPs	FP3	x86-32bit	OceanStor HDP3500	见 <sup>1</sup>
7	Presentation Server	3		x86-32bit	OceanStor HDP3500	见 <sup>1</sup>

1、 Intelligent Disaster Recovery option for Backup Exec 不兼容 Citrix MetaFrame XPs、XPa、XPe 和 Presentation Server。Citrix XP 平台可以被 Backup Exec for Windows Systems 的服务器和客户端使用。

### Microsoft

序号	操作系统名称	版本	补丁	CPU 架构	HDP	备注
1	Windows 2000	Advanced Server	SP4 - with roll up 1	x86-32bit	OceanStor HDP3500	
2	Windows 2000	Advanced Server	SP4 - with roll up 1	x86-64bit	OceanStor HDP3500	
3	Windows 2000	Datacenter Server	SP4 - with roll up 1	x86-32bit	OceanStor HDP3500	
4	Windows 2000	Datacenter Server	SP4 - with roll up 1	x86-64bit	OceanStor HDP3500	
5	Windows 2000	Professional	SP4 - with roll up 1	x86-32bit	OceanStor HDP3500	
6	Windows 2000	Professional	SP4 - with roll up 1	x86-64bit	OceanStor HDP3500	
7	Windows 2000	Server	SP4 - with roll up 1	x86-32bit	OceanStor HDP3500	
8	Windows 2000	Server	SP4 - with roll up 1	x86-64bit	OceanStor HDP3500	
9	Windows 7	Enterprise		x86-32bit	OceanStor HDP3500	
10	Windows 7	Enterprise		x86-64bit	OceanStor HDP3500	
11	Windows 7	Enterprise	SP1	x86-32bit	OceanStor HDP3500	
12	Windows 7	Enterprise	SP1	x86-64bit	OceanStor HDP3500	
13	Windows 7	Professional		x86-32bit	OceanStor HDP3500	
14	Windows 7	Professional		x86-64bit	OceanStor HDP3500	
15	Windows 7	Professional	SP1	x86-32bit	OceanStor HDP3500	
16	Windows 7	Professional	SP1	x86-64bit	OceanStor HDP3500	
17	Windows 7	Ultimate		x86-32bit	OceanStor HDP3500	
18	Windows 7	Ultimate		x86-64bit	OceanStor HDP3500	
19	Windows 7	Ultimate	SP1	x86-32bit	OceanStor HDP3500	
20	Windows 7	Ultimate	SP1	x86-64bit	OceanStor HDP3500	
21	Windows Essential Business Server 2008	Premium		x86-64bit	OceanStor HDP3500	
22	Windows Essential Business Server 2008	Standard		x86-64bit	OceanStor HDP3500	
23	Windows Server 2003	Datacenter	R2	x86-32bit	OceanStor HDP3500	见 <sup>1</sup>

24	Windows Server 2003	Datacenter	R2-SP2	x86-32bit	OceanStor HDP3500	
25	Windows Server 2003	Datacenter	SP2	x86-32bit	OceanStor HDP3500	
26	Windows Server 2003	Datacenter	R2	x86-64bit	OceanStor HDP3500	见 <sup>1</sup>
27	Windows Server 2003	Datacenter	R2-SP2	x86-64bit	OceanStor HDP3500	
28	Windows Server 2003	Datacenter	SP2	x86-64bit	OceanStor HDP3500	
29	Windows Server 2003	Enterprise Edition	R2	x86-32bit	OceanStor HDP3500	
30	Windows Server 2003	Enterprise Edition	R2-SP2	x86-32bit	OceanStor HDP3500	
31	Windows Server 2003	Enterprise Edition	SP2	x86-32bit	OceanStor HDP3500	
32	Windows Server 2003	Enterprise Edition	R2	x86-64bit	OceanStor HDP3500	
33	Windows Server 2003	Enterprise Edition	R2-SP2	x86-64bit	OceanStor HDP3500	
34	Windows Server 2003	Enterprise Edition	SP2	x86-64bit	OceanStor HDP3500	
35	Windows Server 2003	Standard Edition	R2	x86-32bit	OceanStor HDP3500	
36	Windows Server 2003	Standard Edition	R2-SP2	x86-32bit	OceanStor HDP3500	
37	Windows Server 2003	Standard Edition	SP2	x86-32bit	OceanStor HDP3500	
38	Windows Server 2003	Standard Edition	R2	x86-64bit	OceanStor HDP3500	
39	Windows Server 2003	Standard Edition	R2-SP2	x86-64bit	OceanStor HDP3500	
40	Windows Server 2003	Standard Edition	SP2	x86-64bit	OceanStor HDP3500	
41	Windows Server 2003	Storage Server	R2	x86-32bit	OceanStor HDP3500	
42	Windows Server 2003	Storage Server	R2-SP2	x86-32bit	OceanStor HDP3500	
43	Windows Server 2003	Storage Server	SP2	x86-32bit	OceanStor HDP3500	
44	Windows Server 2003	Storage Server (x64)	R2	x86-64bit	OceanStor HDP3500	
45	Windows Server 2003	Storage Server (x64)	R2-SP2	x86-64bit	OceanStor HDP3500	
46	Windows Server 2003	Storage Server (x64)	SP2	x86-64bit	OceanStor HDP3500	
47	Windows Server 2003	Web Edition	R2	x86-32bit	OceanStor HDP3500	
48	Windows Server 2003	Web Edition	R2-SP2	x86-32bit	OceanStor HDP3500	
49	Windows Server 2003	Web Edition	SP2	x86-32bit	OceanStor HDP3500	
50	Windows Server 2003	Web Edition	R2	x86-64bit	OceanStor HDP3500	
51	Windows Server 2003	Web Edition	R2-SP2	x86-64bit	OceanStor HDP3500	
52	Windows Server 2003	Web Edition	SP2	x86-64bit	OceanStor HDP3500	
53	Windows Server 2008	Core		x86-32bit	OceanStor HDP3500	
54	Windows Server 2008	Core		x86-64bit	OceanStor HDP3500	
55	Windows Server 2008	Core	R2	x86-64bit	OceanStor HDP3500	
56	Windows Server 2008	Core	SP1	x86-32bit	OceanStor HDP3500	
57	Windows Server 2008	Core	SP1	x86-64bit	OceanStor HDP3500	
58	Windows Server 2008	Core	SP2	x86-32bit	OceanStor HDP3500	
59	Windows Server 2008	Core	SP2	x86-64bit	OceanStor HDP3500	
60	Windows Server 2008	Core	R2-SP1	x86-64bit	OceanStor HDP3500	
61	Windows Server 2008	Core with Hyper-V	R2	x86-64bit	OceanStor HDP3500	
62	Windows Server 2008	Datacenter Edition			OceanStor HDP3500	

63	Windows Server 2008	Datacenter Edition			OceanStor HDP3500	
64	Windows Server 2008	Datacenter Edition	R2	x86-64bit	OceanStor HDP3500	
65	Windows Server 2008	Datacenter Edition	SP1	x86-32bit	OceanStor HDP3500	
66	Windows Server 2008	Datacenter Edition	SP1	x86-64bit	OceanStor HDP3500	
67	Windows Server 2008	Datacenter Edition	SP2	x86-32bit	OceanStor HDP3500	
68	Windows Server 2008	Datacenter Edition	SP2	x86-64bit	OceanStor HDP3500	
69	Windows Server 2008	Datacenter Edition	R2-SP1	x86-64bit	OceanStor HDP3500	
70	Windows Server 2008	Datacenter Edition with Hyper-V	R2	x86-64bit	OceanStor HDP3500	
71	Windows Server 2008	Datacenter Edition with Hyper-V	R2-SP1	x86-64bit	OceanStor HDP3500	
72	Windows Server 2008	Enterprise Edition		x86-32bit	OceanStor HDP3500	
73	Windows Server 2008	Enterprise Edition		x86-64bit	OceanStor HDP3500	
74	Windows Server 2008	Enterprise Edition	R2	x86-64bit	OceanStor HDP3500	
75	Windows Server 2008	Enterprise Edition	SP1	x86-32bit	OceanStor HDP3500	
76	Windows Server 2008	Enterprise Edition	SP1	x86-64bit	OceanStor HDP3500	
77	Windows Server 2008	Enterprise Edition	SP2	x86-32bit	OceanStor HDP3500	
78	Windows Server 2008	Enterprise Edition	SP2	x86-64bit	OceanStor HDP3500	
79	Windows Server 2008	Enterprise Edition	R2-SP1	x86-64bit	OceanStor HDP3500	
80	Windows Server 2008	Enterprise Edition with Hyper-V	R2	x86-64bit	OceanStor HDP3500	
81	Windows Server 2008	Enterprise Edition with Hyper-V	R2-SP1	x86-64bit	OceanStor HDP3500	
82	Windows Server 2008	Foundation		x86-32bit	OceanStor HDP3500	
83	Windows Server 2008	Foundation		x86-64bit	OceanStor HDP3500	
84	Windows Server 2008	Foundation	R2	x86-64bit	OceanStor HDP3500	
85	Windows Server 2008	Foundation	SP1	x86-32bit	OceanStor HDP3500	
86	Windows Server 2008	Foundation	SP1	x86-64bit	OceanStor HDP3500	
87	Windows Server 2008	Foundation	SP2	x86-32bit	OceanStor HDP3500	
88	Windows Server 2008	Foundation	SP2	x86-64bit	OceanStor HDP3500	
89	Windows Server 2008	Foundation	R2-SP1	x86-64bit	OceanStor HDP3500	
90	Windows Server 2008	Standard Edition		x86-32bit	OceanStor HDP3500	
91	Windows Server 2008	Standard Edition		x86-64bit	OceanStor HDP3500	
92	Windows Server 2008	Standard Edition	R2	x86-64bit	OceanStor HDP3500	
93	Windows Server 2008	Standard Edition	SP1	x86-32bit	OceanStor HDP3500	
94	Windows Server 2008	Standard Edition	SP1	x86-64bit	OceanStor HDP3500	
95	Windows Server 2008	Standard Edition	SP2	x86-32bit	OceanStor HDP3500	
96	Windows Server 2008	Standard Edition	SP2	x86-64bit	OceanStor HDP3500	
97	Windows Server 2008	Standard Edition	R2-SP1	x86-64bit	OceanStor HDP3500	
98	Windows Server 2008	Standard Edition with Hyper-V	R2	x86-64bit	OceanStor HDP3500	
99	Windows Server 2008	Standard Edition	R2-SP1	x86-64bit	OceanStor HDP3500	

		with Hyper-V				
100	Windows Server 2008	Storage Server		x86-32bit	OceanStor HDP3500	
101	Windows Server 2008	Storage Server		x86-64bit	OceanStor HDP3500	
102	Windows Server 2008	Storage Server	R2	x86-64bit	OceanStor HDP3500	
103	Windows Server 2008	Storage Server	SP1	x86-32bit	OceanStor HDP3500	
104	Windows Server 2008	Storage Server	SP1	x86-64bit	OceanStor HDP3500	
105	Windows Server 2008	Storage Server	SP2	x86-32bit	OceanStor HDP3500	
106	Windows Server 2008	Storage Server	SP2	x86-64bit	OceanStor HDP3500	
107	Windows Server 2008	Storage Server	R2-SP1	x86-64bit	OceanStor HDP3500	
108	Windows Server 2008	Web Edition		x86-32bit	OceanStor HDP3500	
109	Windows Server 2008	Web Edition		x86-64bit	OceanStor HDP3500	
110	Windows Server 2008	Web Edition	R2	x86-64bit	OceanStor HDP3500	
111	Windows Server 2008	Web Edition	SP1	x86-32bit	OceanStor HDP3500	
112	Windows Server 2008	Web Edition	SP1	x86-64bit	OceanStor HDP3500	
113	Windows Server 2008	Web Edition	SP2	x86-32bit	OceanStor HDP3500	
114	Windows Server 2008	Web Edition	SP2	x86-64bit	OceanStor HDP3500	
115	Windows Server 2008	Web Edition	R2-SP1	x86-64bit	OceanStor HDP3500	
116	Windows Small Business Server 2000	Premium		x86-32bit	OceanStor HDP3500	
117	Windows Small Business Server 2000	Standard		x86-32bit	OceanStor HDP3500	
118	Windows Small Business Server 2003	Premium	R2	x86-32bit	OceanStor HDP3500	
119	Windows Small Business Server 2003	Premium	R2-SP2	x86-32bit	OceanStor HDP3500	
120	Windows Small Business Server 2003	Premium	SP2	x86-32bit	OceanStor HDP3500	
121	Windows Small Business Server 2003	Standard	R2	x86-32bit	OceanStor HDP3500	
122	Windows Small Business Server 2003	Standard	R2-SP2	x86-32bit	OceanStor HDP3500	
123	Windows Small Business Server 2003	Standard	SP2	x86-32bit	OceanStor HDP3500	
124	Windows Small Business Server 2008	Premium		x86-64bit	OceanStor HDP3500	
125	Windows Small Business Server 2008	Standard		x86-64bit	OceanStor HDP3500	
126	Windows Small Business Server 2011	Essentials		x86-64bit	OceanStor HDP3500	
127	Windows Small Business Server 2011	Premium Add-on		x86-64bit	OceanStor HDP3500	
128	Windows Small Business Server 2011	Standard		x86-64bit	OceanStor HDP3500	

129	Windows Unified Data Storage Server 2003	Enterprise x64 Edition	SP2	x86-64bit	OceanStor HDP3500	
130	Windows Vista	Business		x86-32bit	OceanStor HDP3500	见 <sup>2</sup>
131	Windows Vista	Business	SP1	x86-32bit	OceanStor HDP3500	
132	Windows Vista	Business	SP2	x86-32bit	OceanStor HDP3500	
133	Windows Vista	Business		x86-64bit	OceanStor HDP3500	见 <sup>2</sup>
134	Windows Vista	Business	SP1	x86-64bit	OceanStor HDP3500	
135	Windows Vista	Business	SP2	x86-64bit	OceanStor HDP3500	
136	Windows Vista	Enterprise		x86-32bit	OceanStor HDP3500	见 <sup>2</sup>
137	Windows Vista	Enterprise	SP1	x86-32bit	OceanStor HDP3500	
138	Windows Vista	Enterprise	SP2	x86-32bit	OceanStor HDP3500	
139	Windows Vista	Enterprise		x86-64bit	OceanStor HDP3500	见 <sup>2</sup>
140	Windows Vista	Enterprise	SP1	x86-64bit	OceanStor HDP3500	
141	Windows Vista	Enterprise	SP2	x86-64bit	OceanStor HDP3500	
142	Windows Vista	Ultimate		x86-32bit	OceanStor HDP3500	见 <sup>2</sup>
143	Windows Vista	Ultimate	SP1	x86-32bit	OceanStor HDP3500	
144	Windows Vista	Ultimate	SP2	x86-32bit	OceanStor HDP3500	
145	Windows Vista	Ultimate (x64)		x86-64bit	OceanStor HDP3500	见 <sup>2</sup>
146	Windows Vista	Ultimate (x64)	SP1	x86-64bit	OceanStor HDP3500	
147	Windows Vista	Ultimate (x64)	SP2	x86-64bit	OceanStor HDP3500	
148	Windows XP	Home Edition		x86-32bit	OceanStor HDP3500	见 <sup>3</sup>
149	Windows XP	Home Edition	SP1	x86-32bit	OceanStor HDP3500	
150	Windows XP	Home Edition	SP2	x86-32bit	OceanStor HDP3500	
151	Windows XP	Home Edition	SP3	x86-32bit	OceanStor HDP3500	
152	Windows XP	Professional	SP1	x86-32bit	OceanStor HDP3500	
153	Windows XP	Professional	SP1a	x86-32bit	OceanStor HDP3500	
154	Windows XP	Professional	SP2	x86-32bit	OceanStor HDP3500	见 <sup>4</sup>
155	Windows XP	Professional	SP3	x86-32bit	OceanStor HDP3500	
156	Windows XP	Professional	SP2	x86-64bit	OceanStor HDP3500	见 <sup>4</sup>
157	Windows XP	Professional	SP3	x86-64bit	OceanStor HDP3500	
158	Windows XP	Tablet PC Edition	SP1	x86-32bit	OceanStor HDP3500	
159	Windows XP	Tablet PC Edition	SP1a	x86-32bit	OceanStor HDP3500	
160	Windows XP	Tablet PC Edition	SP3	x86-32bit	OceanStor HDP3500	

- 1、 如果使用Windows 2000 、 Windows 2003 DataCenter CD, 那么不支持创建Intelligent Disaster Recovery (IDR) Option启动介质。详情请参考: <http://www.symantec.com/docs/TECH39208>。
- 2、 有关Vista的配置详情请参考: <http://www.symantec.com/docs/TECH51307>。
- 3、 可以通过Desktop 和 Laptop Agent 支持Windows XP Home。Desktop 和 Laptop Agent 必须在Windows XP Home本地电脑安装 (Desktop 和 Laptop Agent 不能通过推送安装到Windows XP Home电脑)。
- 4、 对于更多Windows XP SP2 的重要注意事项请参考: <http://www.symantec.com/docs/TECH33746>。

## Remote Agent for NetWare

### Novell

序号	操作系统名称	版本	补丁	CPU 架构	HDP	备注
1	NetWare	6.5	SP8	x86-32bit	OceanStor HDP3500	

## Remote Agent for Linux or UNIX Servers

### Asianux Consortium

序号	操作系统名称	版本	补丁	CPU 架构	HDP	备注
1	Asianux	2.0		x86-32bit	OceanStor HDP3500	
2	Asianux	2.0		x86-64bit	OceanStor HDP3500	
3	Asianux	3.0		x86-32bit	OceanStor HDP3500	
4	Asianux	3.0		x86-64bit	OceanStor HDP3500	

### Canonical

序号	操作系统名称	版本	补丁	CPU 架构	HDP	备注
1	Ubuntu	7.1		x86-32bit	OceanStor HDP3500	
2	Ubuntu	7.1		x86-64bit	OceanStor HDP3500	
3	Ubuntu	8.1		x86-32bit	OceanStor HDP3500	
4	Ubuntu	8.1		x86-64bit	OceanStor HDP3500	

### Citrix

序号	操作系统名称	版本	补丁	CPU 架构	HDP	备注
1	XenServer	5.0		x86-32bit	OceanStor HDP3500	
2	XenServer	5.0		x86-64bit	OceanStor HDP3500	

### Debian

序号	操作系统名称	版本	补丁	CPU 架构	补丁	CPU 架构
1	GNU/Linux	4.0	r7	x86-32bit	OceanStor HDP3500	见 <sup>1,2</sup>
2	GNU/Linux	4.0	r7	x86-64bit	OceanStor HDP3500	见 <sup>1,2</sup>
3	GNU/Linux	5.0		x86-32bit	OceanStor HDP3500	
4	GNU/Linux	5.0		x86-64bit	OceanStor HDP3500	

- 1、在 Remote Agent for Linux or UNIX Servers 安装之前，需要以 root 身份安装“libstdc++5”包。命令为：`apt-get install libstdc++5`。
- 2、有不少 NAS 厂家使用 Debian 作为其平台的内核。对于 NETGEAR、Open-E 及其他厂家的一些产品该条款是正确的。在判断和 Backup Exec 之间的兼容性之前，请先和 NAS 厂家确认其产品的操作系统版本。

### Miracle

序号	操作系统名称	版本	补丁	CPU 架构	HDP	备注
1	Linux	3.0		x86-32bit	OceanStor HDP3500	
2	Linux	4.0		x86-64bit	OceanStor HDP3500	

## Novell

序号	操作系统名称	版本	补丁	CPU 架构	HDP	备注
1	SUSE Linux Enterprise Server	10		x86-32bit	OceanStor HDP3500	见 <sup>1,2</sup>
2	SUSE Linux Enterprise Server	10	SP2	x86-32bit	OceanStor HDP3500	见 <sup>2</sup>
3	SUSE Linux Enterprise Server	10	SP3	x86-32bit	OceanStor HDP3500	见 <sup>3,4</sup>
4	SUSE Linux Enterprise Server	10		x86-64bit	OceanStor HDP3500	见 <sup>1,2,4</sup>
5	SUSE Linux Enterprise Server	10	SP2	x86-64bit	OceanStor HDP3500	见 <sup>1,2</sup>
6	SUSE Linux Enterprise Server	10	SP3	x86-64bit	OceanStor HDP3500	见 <sup>3</sup>
7	SUSE Linux Enterprise Server	11		x86-32bit	OceanStor HDP3500	见 <sup>1</sup>
8	SUSE Linux Enterprise Server	11		x86-64bit	OceanStor HDP3500	见 <sup>1</sup>

1、 Ext2, Ext3, Reiserfs, JFS, VxFS。

2、 支持 Novell Open Enterprise Server (OES) 2.0 SP1、 SUSE 10 32 和 64 位平台上的 NSS、 NDS、 GroupWise 和 iFolder。

3、 支持 Novell Open Enterprise Server (OES) 2.0 SP2、 SUSE 10 32 和 64 位平台上的 NSS、 NDS、 GroupWise 和 iFolder。

4、 支持 Novell Open Enterprise Server (OES) 2.0 SP3、 SUSE 10 32 和 64 位平台上的 NSS、 NDS、 GroupWise 和 iFolder。

## Oracle

序号	操作系统名称	版本	补丁	CPU 架构	补丁	CPU 架构
1	Enterprise Linux	4		x86-32bit	OceanStor HDP3500	
2	Enterprise Linux	4		x86-64bit	OceanStor HDP3500	
3	Enterprise Linux	5.1		x86-32bit	OceanStor HDP3500	
4	Enterprise Linux	5.1		x86-64bit	OceanStor HDP3500	

## Red Flag

序号	操作系统名称	版本	补丁	CPU 架构	HDP	备注
1	Linux	4.1 DC		x86-32bit	OceanStor HDP3500	
2	Linux	5.0 DC		x86-32bit	OceanStor HDP3500	

## Red Hat

序号	操作系统名称	版本	补丁	CPU 架构	HDP	备注
1	Enterprise Linux	4.0 (AS)		x86-32bit	OceanStor HDP3500	见 <sup>1,2</sup>
2	Enterprise Linux	4.0 (AS)		x86-64bit	OceanStor HDP3500	见 <sup>1,2</sup>
3	Enterprise Linux	4.0 (ES)		x86-32bit	OceanStor HDP3500	见 <sup>1,2</sup>
4	Enterprise Linux	4.0 (ES)		x86-64bit	OceanStor HDP3500	见 <sup>1,2</sup>
5	Enterprise Linux	4.0 (WS)		x86-32bit	OceanStor HDP3500	见 <sup>1,2</sup>
6	Enterprise Linux	4.0 (WS)		x86-64bit	OceanStor HDP3500	见 <sup>1,2</sup>
7	Enterprise Linux	5.0 (Advanced)		x86-32bit	OceanStor HDP3500	见 <sup>1,3</sup>
8	Enterprise Linux	5.0 (Advanced)		x86-64bit	OceanStor HDP3500	见 <sup>1,3</sup>
9	Enterprise Linux	5.0 (base)		x86-32bit	OceanStor HDP3500	见 <sup>1,3</sup>
10	Enterprise Linux	5.0 (base)		x86-64bit	OceanStor HDP3500	见 <sup>1,3</sup>

1、 Ext 2, Ext 3, Reiserfs, JFS, VxFS。

2、 支持 Red Hat Enterprise Linux 4.0 以上包括 4.8。

3、 支持 Red Hat Enterprise Linux 5.0 以上包括 5.4。

## Oracle Solaris

序号	操作系统名称	版本	补丁	CPU 架构	HDP	备注
1	Solaris	10 SPARC		SPARC	OceanStor HDP3500	见 <sup>1</sup>
2	Solaris	10 x64		x86-64bit	OceanStor HDP3500	见 <sup>2</sup>
3	Solaris	9.0		SPARC	OceanStor HDP3500	见 <sup>1</sup>

1、 Oracle Solaris 9 for SPARC 和 10 只支持 64 位的安装。

2、 Solaris 10 支持 x86-64bit 硬件的 Intel/AMD。

## VMware

序号	操作系统名称	版本	补丁	CPU 架构	HDP	备注
1	ESX	3.5		x86-32bit	OceanStor HDP3500	见 <sup>1</sup>
2	ESX	3.5	Update4	x86-32bit	OceanStor HDP3500	
3	ESX	3.5	Update5	x86-32bit	OceanStor HDP3500	

1、 由于 Backup Exec 12.5's Agent for VMware Virtual Infrastructure (AVVI)的引入，那么不再推荐使用 Backup Exec Remote Agent for Linux/Unix Servers (RALUS)来备份 VMware ESX 的在线虚拟机，因为使用 RALUS 代理必须关机来确保备份数据的一致性。

## Remote Agent for Macintosh

### Apple

序号	操作系统名称	版本	补丁	CPU 架构	HDP	备注
1	Mac OS X	10.4		x86-32bit	OceanStor HDP3500	见 <sup>1</sup>
2	Mac OS X	10.4		x86-64bit	OceanStor HDP3500	见 <sup>1</sup>
3	Mac OS X	10.5		x86-32bit	OceanStor HDP3500	见 <sup>1</sup>
4	Mac OS X	10.5		x86-64bit	OceanStor HDP3500	见 <sup>1</sup>
5	Mac OS X	10.6		x86-32bit	OceanStor HDP3500	见 <sup>1,2,3</sup>
6	Mac OS X	10.6		x86-64bit	OceanStor HDP3500	见 <sup>1,2,3</sup>

1、 Workstation 和 Server。

2、 支持所有 Mac OS X 10.6 等级的补丁。

3、 只包括 Backup Exec 2010 R2 和 R3。

## Virtual Environments

### Microsoft Windows

序号	软件	平台	HDP	备注
1	Hyper-V	Windows Server 2008, Windows Server 2008 R2	OceanStor HDP3500E	

### VMware

序号	软件	平台	HDP	备注
1	VMware	ESXi 5.x, vCenter Server 5x	OceanStor HDP3500E	

# 兼容性认证

## CommVault

### Fibre Channel

#### Simpana

序号	Simpana 版本	操作系统	虚拟磁带库	备注
1	CommVault Simpana 9.0 CommVault Simpana 10.0	Red Hat Enterprise Linux 5U3 x86-64	OceanStor VTL6900	见 <sup>1</sup>
		Red Hat Enterprise Linux 5U7 x86-64		
		SUSE Linux Enterprise Server 10SP2 x86-64		
		SUSE Linux Enterprise Server 11SP1 x86-64		
		Windows Server 2008 R2 x86-64		
AIX6.1				
AIX7.1				

1、 见 CommVault 官方链接 <http://services.commvault.com/Support/CompatibilityMatrices>。

## iSCSI

#### Simpana

序号	Simpana 版本	操作系统	虚拟磁带库	备注
1	CommVault Simpana 9.0 CommVault Simpana 10.0	Red Hat Enterprise Linux 5U3 x86-64	OceanStor VTL6900	见 <sup>1</sup>
		Red Hat Enterprise Linux 5U7 x86-64		
		SUSE Linux Enterprise Server 10SP2 x86-64		
		SUSE Linux Enterprise Server 11SP1 x86-64		
		Windows Server 2008 R2 x86-64		
AIX6.1				
AIX7.1				

1、 见 CommVault 官方链接 <http://services.commvault.com/Support/CompatibilityMatrices>。

# Symantec NBU-OST

## Fibre Channel

序号	支持 OpenStorage 功能	操作系统	插件版本	OST Storage Server	备注
1	Direct_Copy_Shared, Opt_Dup	Red Hat Enterprise Linux 5 x86-64 Windows Server 2003 x86 Windows Server 2003 x86-64 Windows Server 2008 x86-64 AIX5.3 AIX6.1 Oracle Solaris 10 for SPARC Oracle Solaris 10 for x86-64	2.1	OceanStor VTL3500,VTL6900	见 <sup>1</sup>

1、 见 Symantec 官方链接 <http://www.symantec.com/business/support/index?page=content&id=TECH76495>。

## VTL-Fibre Channel

序号	VTL 驱动	操作系统	软件版本	虚拟磁带库	备注
1	IBM Ultrium 4	Red Hat Enterprise Linux 4 x86-64 Red Hat Enterprise Linux 5 x86-64 Red Hat Enterprise Linux 6 x86-64 Windows Server 2003 x86 Windows Server 2003 x86-64 Windows Server 2008 x86-64 AIX5.3 AIX6.1 Oracle Solaris 10 for SPARC Oracle Solaris 10 for x86-64 HP-UX 11.23, 11.31 for PA-RISC HP-UX 11.31 for IA64	5.10	OceanStor VTL3500,VTL6900	见 <sup>1</sup>

1、 见 Symantec 官方链接 <http://www.symantec.com/business/support/index?page=content&id=TECH76495>。

# 缩略语

<b>E</b>	
<b>Ext</b>	Extended file system
<b>F</b>	
<b>FC</b>	Fibre Channel
<b>I</b>	
<b>iSCSI</b>	Internet Small Computer System Interface
<b>J</b>	
<b>JFS</b>	Journel File System
<b>N</b>	
<b>NDMP</b>	Network Data Management Protocol
<b>R</b>	
<b>RAC</b>	Real Application Cluster
<b>S</b>	
<b>SCSI</b>	Small Computer System Interface
<b>V</b>	
<b>VxFS</b>	Veritas File System