



# CHAPTER 2

## Tape Storage Interoperability Matrix

This chapter lists tape storage libraries and drives tested by Cisco's Solution-Interoperability Engineering group (iLAB) and/or self-certified by OEMs/Partners.

**Table 2-1** *Tested Tape Storage Libraries and Drives*

Vendor	Tape Library Model	Page
IBM	IBM 3590 /3592 E11/E1A and H11/H1A	2
	IBM Ultrium 3584 UltraScalable	3
	IBM Ultrium 3583 Scalable	4
	IBM Ultrium 3582	5
StorageTek	L180	6
	L700e	7
	L8500	8
	SL500	9
	SL500	9
Quantum	Scalar 24	11
	Scalar 50	12
	Scalar I500	13
	Scalar 10000	15
	Scalar i2000	16
	PX720	17
	DX30	18
HP	HP MSL, ESL, EML Series	19
	HP VLS Series	20
Overland Storage	Neo Series	21
SONY	PetaSite	22
ATTO	Fibre Storage	23
Crossroad Systems	Storage Routers 8000 /6000/10000	24
	Storage Routers 4250	25
Tape Acceleration	SAN-OS 2.x, 3.x Tape Acceleration Feature	26

# IBM

**Table 2-2 IBM 3590 /3592 E11/E1A and H11/H1A**

Operating System		Tape Drive Models	Switch Fabric	
Type	Version			
AIX	5.1, 5.2, 5.3	Native FC standalone or in a 3494 tape library or Silo	MDS9513	MDS9214
Windows 2003	Standard Edition		MDS9509	3.1(2a)
	Enterprise Edition		MDS9506	3.1(3a)
Windows 2000	Server		MDS9216A	3.2(1a)
	Advanced Server (SP3 or later)		MDS9216i	3.2(2c)
Linux	RH 2.1 & higher		MDS9140	3.2(3)
	SLES 7 & higher		3.0(2)	3.3(1a)
Solaris	2.6, 7, 8, 9, 10		3.0(2a)	3.3(1c)
			3.0(3)	
HP-UX	11.0, 11.11, 11.23		3.1(2a)	MDS9020
		3.1(3a)	2.1(2)	
		3.2(1a)		
		3.2(2c)	Blade Center	
		3.2(3)	Embedded	
		3.3(1a)	Switch	
		3.3(1c)	3.1(2a)	
			3.1(3a)	
			3.2(1a)	
			3.2(2c)	
	MDS9222i	3.2(3)		
	MDS9134	3.3(1a)		
	MSM 18/4	3.3(1c)		
	3.2(1a)			
	3.2(2c)			
	3.2(3)			
	3.3(1a)			
	3.3(1c)			

Table 2-3 IBM Ultrium 3584 UltraScalable

Operating System		Tape Drive Models	Switch Fabric	
Type	Version			
AIX	5.1, 5.2, 5.3	IBM: LTO-3 FC LTO-2 FC	MDS9513 MDS9509 MDS9506 MDS9216A	MDS9214 3.1(2a) 3.1(3a) 3.2(1a)
Windows 2003	Standard Edition Enterprise Edition		MDS9216i MDS9140	3.2(2c) 3.2(3)
Windows 2000	Server Advanced Server (SP3 or later)		3.0(2) 3.0(2a) 3.0(3)	3.3(1a) 3.3(1c)
Linux	RH 2.1 & higher SLES 7 & higher		3.1(2a) 3.1(3a)	MDS9020 2.1(2)
Solaris	2.6, 7, 8, 9, 10		3.2(1a)	
HP-UX	11.0, 11.11, 11.23		3.2(2c)	Blade Center Embedded Switch
OS/400	V5R2, V5R3		3.2(3) 3.3(1a) 3.3(1c)  MDS9222i MDS9134 MSM 18/4 3.2(1a) 3.2(2c) 3.2(3) 3.3(1c)	3.1(2a) 3.1(3a) 3.2(1a) 3.2(2c) 3.2(3) 3.3(1c)

Table 2-4 IBM Ultrium 3583 Scalable

Operating System		Tape Drive Models	IBM iSCSI Support	Switch Fabric		
Type	Version					
AIX	5.1, 5.2, 5.3	Native FC LTO-2, LTO-3 or	No	MDS9513 MDS9509 MDS9506	MDS9222i MDS9134 MSM 18/4	
Windows 2003	Standard Edition Enterprise Edition	Integrated SDG Module	Yes	MDS9216A MDS9216i MDS9140	3.2(1a) 3.2(2c) 3.2(3)	
Windows 2000	Server Advanced Server (SP3 or later)			3.0(2) 3.0(2a) 3.0(3)	3.3(1a) 3.3(1c)	
Linux	RH 2.1 & higher			No	3.1(2a) 3.1(3a) 3.2(1a)	MDS9020 2.1(2)
	SLES 7 & higher, 9, 10				3.2(2c) 3.2(3) 3.3(1a) 3.3(1c)	Blade Center Embedded Switch
Solaris	2.6, 7, 8, 9, 10	3.1(2a) 3.1(3a) 3.2(1a) 3.2(2c) 3.2(3) 3.3(1a) 3.3(1c)	3.1(2a) 3.1(3a) 3.3(1a) 3.2(1a) 3.2(2c) 3.2(3) 3.3(1a) 3.3(1c)			
HP-UX	11.0, 11.11, 11.23	FC LTO-2, LTO-3	No	MDS9214	3.2(2c)	
OS/400	V5R2, V5R3			3.1(2a) 3.1(3a) 3.2(1a) 3.2(2c) 3.2(3) 3.3(1a) 3.3(1c)	3.2(3) 3.3(1a) 3.3(1c)	

Table 2-5 IBM Ultrium 3582

Operating System		Tape Drive Models	IBM iSCSI Support	Switch Fabric		
Type	Version					
AIX	5.1, 5.2	Native FC LTO-2	No	MDS9513	MDS9214	
Windows 2003	Standard Edition	LTO-3	Yes	MDS9509	3.1(2a)	
	Enterprise Edition			MDS9506	3.1(3a)	
Windows 2000	Server			MDS9216A	3.2(1a)	
	Advanced Server (SP3 or later)			MDS9216i	3.2(2c)	
				MDS9140	3.2(3)	
Linux	RH 2.1 & higher		No	3.0(2)	3.3(1a)	
	SLES 7 & higher			3.0(2a)	3.3(1c)	
Solaris	2.6, 7, 8, 9, 10			3.0(3)		
HP-UX	11.0, 11.11, 11.23			3.1(2a)	MDS9020	
				3.1(3a)	2.1(2)	
				3.2(1a)	Blade Center Embedded Switch	
				3.2(2c)		
				3.2(3)		
				3.3(1a)		3.1(2a)
				3.3(1c)		3.1(3a)
						3.2(1a)
				MDS9222i		3.2(2c)
				MDS9134		3.2(3)
				MSM 18/4		3.3(1a)
				3.2(1a)		3.3(1c)
				3.2(2c)		
				3.2(3)		
				3.3(1a)		
				3.3(1c)		

# StorageTek

Table 2-6 L180

Operating System		Tape Drive Models	Switch Fabric
Level	Version		
Windows 2000	Advanced Server (SP2 or later)	STK: 9840B FC	MDS9513 MDS9509 MDS9506
Windows 2003	Enterprise	9840B FC	MDS9216A
AIX	5.1, 5.2, 5.3	9840C FC	MDS9216i
HPUX	11.0, 11.11, 11.23	9940A FC	MDS9140
Solaris	7, 8, 9, 10	9940B FC	3.0(2)
		T10000 FC 2G	3.0(2a)
		T10000 FC 4G	3.0(3)
			3.1(2) <sup>1</sup>
			3.1(3a)
			3.2(1a)
		IBM:	3.2(2c)
		LTO Gen-2 FC	3.3(1a)
		LTO Gen-3 FC 2G	4.1(1b)
		LTO Gen-3 FC 4G	
		LTO Gen-4 FC 4G	MDS9222i
			MDS9134
			MSM 18/4
			3.2(1a)
		HP:	3.2(2c)
		LTO Gen-2 FC	3.3(1a)
		LTO Gen-3 FC 2G	4.1(1b)
		LTO Gen-3 FC 4G	
			MDS9214
			3.1(2)
			3.1(3a)
		Quantum:	3.2(1a)
		SDLT-600 2G FC	3.3(1a)
		S4 FC 4G	4.1(1b)
			MDS9020
			2.1(2)
			2.1(3)
			Get-To-Yes
			3.2(3)

1. SAN-OS 3.1(2) is available from Sun Microsystems through the Get-To-Yes process.

Table 2-7 L700e

Operating System		Tape Drive Models	Switch Fabric
Level	Version		
Windows 2000	Advanced Server (SP2 or later)	STK: 9840A FC	MDS9513 MDS9509 MDS9506
Windows 2003	Enterprise	9840B FC	MDS9216A
AIX	5.1, 5.2, 5.3	9840C FC	MDS9216i
HPUX	11.0, 11i	9940A FC	MDS9140
Solaris	7, 8, 9, 10	9940B FC T10000 FC 2G T10000 FC 4G  IBM: LTO Gen-2 FC LTO Gen-3 FC 2G LTO Gen-3 FC 4G  HP: LTO Gen-2 FC LTO Gen-3 FC 2G LTO Gen-3 FC 4G LTO Gen-4 FC 4G  Quantum: SDLT-600 2G FC S4 FC 4G	3.0(2) 3.0(2a) 3.0(3) 3.1(2) <sup>1</sup> 3.1(3a) 3.2(1a) 3.2(2c) 3.3(1a) 4.1(1b)  MDS9222i MDS9134 MSM 18/4 3.2(1a) 3.2(2c) 3.3(1a) 4.1(1b)  MDS9214 3.1(2) 3.1(3a) 3.2(1a) 3.2(2c) 3.3(1a) 4.1(1b)  MDS9020 2.1(2) 2.1(3)  Get-To-Yes 3.2(3)

1. SAN-OS 3.1(2) is available from Sun Microsystems through the Get-To-Yes process.

Table 2-8 L8500

Operating System		Tape Drive Models	Switch Fabric
Level	Version		
Windows 2000	Advanced Server (SP2 or later)	STK: 9840A FC	MDS9513 MDS9509 MDS9506
Windows 2003	Enterprise	9840B FC	MDS9216A
AIX	5.1, 5.2, 5.3	9840C FC	MDS9216i
HPUX	11.0, 11i	9940A FC	MDS9140
Solaris	7, 8, 9, 10	9940B FC  T10000 FC 2G T10000 FC 4G  IBM: LTO Gen-2 FC LTO Gen-3 FC 4G  HP: LTO Gen-2 FC LTO Gen-3 FC 4G  Quantum: SDLT-600 2G FC	3.0(2) 3.0(2a) 3.0(3) 3.1(2) <sup>1</sup> 3.1(3a) 3.2(1a) 3.2(2c) 3.3(1a) 4.1(1b)  MDS9222i MDS9134 MSM 18/4 3.2(1a) 3.2(2c) 3.3(1a) 4.1(1b)  MDS9214 3.1(2) 3.1(3a) 3.2(1a) 3.2(2c) 3.3(1a) 4.1(1b)  MDS9020 2.1(2) 2.1(3)  Get-To-Yes 3.2(3)

1. SAN-OS 3.1(2) is available from Sun Microsystems through the Get-To-Yes process.



Table 2-9 SL500

Operating System		Tape Drive Model	Switch Fabric
Level	Version		
Windows 2000	Advanced Server (SP2 or later)	IBM: LTO Gen-2 FC	MDS9513 MDS9509 MDS9506
Windows 2003	Enterprise	LTO Gen-3 FC 4G	MDS9216A MDS9216i
AIX	5.1, 5.2, 5.3	LTO Gen-4 FC 4G	MDS9140
HPUX	11.0, 11i		
Solaris	7, 8, 9, 10	Quantum: SDLT-600 2G FC SDLT-320 2G FC  HP: LTO Gen-2 FC LTO Gen-3 FC 4G	3.0(2) 3.0(2a) 3.0(3) 3.1(2) <sup>1</sup> 3.1(3a) 3.2(1a) 3.2(2c) 3.3(1a) 4.1(1b)  MDS9222i MDS9134 MSM 18/4 3.2(1a) 3.2(2c) 3.3(1a) 4.1(1b)  MDS9214 3.1(2) 3.1(3a) 3.2(1a) 3.2(2c) 3.3(1a) 4.1(1b)  MDS9020 2.1(2) 2.1(3)  Get-To-Yes 3.2(3)

1. SAN-OS 3.1(2) is available from Microsystems through the Get-To-Yes process.

Table 2-10 SL3000

Operating System <sup>1</sup>		Tape Drive Model	Switch Fabric
Level	Version		
Windows 2000	Advanced Server (SP2 or later)	IBM: LTO Gen-3 FC 4G	MDS9513 MDS9509 MDS9506
Windows 2003	Enterprise	LTO Gen-4 FC 4G	MDS9216A MDS9216i
AIX	5.3		MDS9140
Linux	RedHat and Suse	STK: T10000A, T10000B	3.2(1a) 3.2(2c)
HPUX	11i	T9840C, T9840D	3.3(1a) 4.1(1b)
Solaris	9, 10	HP: LTO Gen-3 FC LTO Gen-4 FC 4G	MDS9222i MDS9134 MSM 18/4 3.2(1a) 3.2(2c) 3.3(1a) 4.1(1b)
			MDS9214 3.2(1a) 3.2(2c) 3.3(1a) 4.1(1b)
			MDS9020 2.1(3)

1. Please check with the Sun account rep for customer specific environment

# Quantum

Table 2-11 Scalar 24

Operating System		Tape Drive Models	Switch Fabric
Type	Version		
Windows 2000	Advanced Server (SP2 or later)	IBM: LTO Gen-2 FC	MDS9513 MDS9509
Windows 2003	Enterprise	LTO Gen-3 FC 4G	MDS9506
AIX	5.4	LTO Gen-4 FC 4G	MDS9216A MDS9216i MDS9140
Solaris	8, 9, 10	Quantun: SDLT-600 2G FC	3.0(2) 3.0(2a) 3.0(3) 3.1(2) 3.1(2a) 3.2(1a) 3.2(2c) 3.3(1a) 3.3(1c) 4.1(1b)  MDS9222i MDS9134 MSM 18/4 3.2(1a) 3.2(2c) 3.3(1a) 3.3(1c) 4.1(1b)  MDS9214 3.1(2) 3.2(1a) 3.2(2c) 3.3(1a) 4.1(1b)  MDS9020 2.1(2)

Table 2-12 Scalar 50

Operating System		Tape Drive Models	Switch Fabric
Type	Version		
Windows 2003	Enterprise	HP:	MDS9513
Windows 2000	Advanced Server (SP3)	LTO Gen-3 FC 4G	MDS9509
Solaris	8, 9, 10	LTO Gen-4 FC 4G	MDS9506
		Quantun:	MDS9216A
		DLT-S4 4G FC	MDS9216i
		Quantum LTO-3 HH	MDS9140
			3.0(2)
			3.0(2a)
			3.0(3)
			3.1(2)
			3.1(2a)
			3.2(1a)
			3.2(2c)
			3.3(1c)
			4.1(1b)
			MDS9222i
			MDS9134
			MSM 18/4
			3.2(1a)
			3.2(2c)
			3.3(1c)
			4.1(1b)
			MDS9214
			3.1(2)
			3.2(1a)
			3.2(2c)
			3.3(1c)
			4.1(1b)
			MDS9020
			2.1(2)

Table 2-13 Scalar I500

Operating System		Tape Drive Models	Switch Fabric
Type	Version		
Windows 2003	Enterprise	IBM:	MDS9513
Windows 2000	Advanced Server (SP3)	LTO Gen-2 FC	MDS9509
Solaris	8, 9, 10	LTO Gen-3 4G FC	MDS9506
Linux	RH 4, RH 5	LTO Gen-4 4G FC	MDS9216A
HPUX	11, 11iv1, 11iv2		MDS9216i
AIX	5.2, 5.3, 5.4	HP:	MDS9140
		LTO Gen-4 4G FC	3.0(2)
			3.0(2a)
			3.0(3)
			3.1(2)
			3.1(2a)
			3.2(1a)
			3.2(2c)
			3.3(1a)
			3.3(1c)
			4.1(1b)
			MDS9222i
			MDS9134
			MSM 18/4
			3.2(1a)
			3.2(2c)
			3.3(1a)
			3.3(1c)
			4.1(1b)
			MDS9214
			3.1(2)
			3.2(1a)
			3.2(2c)
			3.3(1a)
			3.3(1c)
			4.1(1b)
			MDS9020
			2.1(2)



Table 2-14 Scalar 10000

Operating System		Tape Drive Models	Switch Fabric
Type	Version		
Linux	RH 4, RH 5	IBM: LTO Gen-3 4G FC LTO Gen-4 4G FC IBM:3592 IBM TS1120  <b>Quantum: SDLT-320</b>	MDS9513
Windows 2000 AS	Advanced Server (SP3)		MDS9509
Windows 2003	Enterprise		MDS9506
AIX	5.1, 5.2, 5.3		MDS9216A
HPUX	11iv1, 11iv2		MDS9216i
Solaris 8	8, 9, 10		MDS9140
			3.0(2)
			3.0(2a)
			3.0(3)
			3.1(2a)
			3.2(1a)
			3.2(2c)
			3.3(1a)
			3.3(1c)
			4.1(1b)
			MDS9214
			3.1(2a)
			3.2(1a)
			3.2(2c)
			3.3(1a)
			3.3(1c)
			4.1(1b)
			MDS9222i
			MDS9134
			MSM 18/4
			3.2(1a)
			3.2(2c)
			3.3(1a)
			3.3(1c)
			4.1(1b)
			MDS9020
			2.1(2)
			Blade Center Embedded Switch
			3.1(2a)
			3.2(1a)
			3.2(2c)
			3.3(1a)
			3.3(1c)
			4.1(1b)

Table 2-15 Scalar i2000

Operating System		Tape Drive Models	Switch Fabric
Type	Version		
Linux	RH 4, RH 5	IBM:	MDS9513
Windows 2000	Advanced Server (SP3)	LTO Gen-2 FC	MDS9509
Windows 2003	Enterprise	LTO Gen-3 4G FC	MDS9506
Solaris	8, 9, 10	LTO Gen-4 4G FC	MDS9216A
HPUX	11i, 11iv1, 11iv2		MDS9216i
AIX	5.2, 5.3, 5.4	HP:	MDS9140
		LTO Gen-3 4G FC	3.0(2)
		LTO Gen-3 2G FC	3.0(2a)
		LTO Gen-4 4G FC	3.0(3)
			3.1(2a)
			3.2(1a)
			3.2(2c)
		Quantum:	3.3(1a)
		DLT S4 FC	3.3(1c)
		SDLT-600 2G FC	MDS9214
			3.1(2a)
			3.2(1a)
			3.2(2c)
			3.3(1c)
			MDS9222i
			MDS9134
			MSM 18/4
			3.2(1a)
			3.2(2c)
			3.3(1c)
			MDS9020
			2.1(2)
			Blade Center Embedded Switch
			3.1(2a)
			3.2(1a)
			3.2(2c)
			3.3(1a)
			3.3(1c)



Table 2-16 PX720

Operating System		Tape Drive Models	Switch Fabric
Type	Version		
Windows 2003	Enterprise	Quantum: DLT S4 4G FC	MDS9513
Windows 2000	Advanced Server (SP3)		MDS9509
Solaris	8, 9,10	HP:  LTO Gen-2 2G FC LTO Gen-3 4G FC LTO Gen-3 2G FC LTO Gen-4 4G FC	MDS9506
HPUX	11.0, 11iv1, 11iv2		MDS9216A
			MDS9216i
			MDS9140
			3.0(2)
			3.0(2a)
			3.0(3)
			3.1(2)
			3.1(2a)
			3.2(1a)
			3.2(2c)
3.3(1a)			
4.1(1b)			
			MDS9222i
			MDS9134
			MSM 18/4
			3.2(1a)
			3.2(2c)
			3.3(1a)
			4.1(1b)
			MDS9214
			3.1(2)
			3.2(1a)
			3.2(2c)
			3.3(1a)
			4.1(1b)
			MDS9020
			2.1(2)

Table 2-17 DX30

Operating System		Host Bus Adapter	Tape Drive Models	Switch Fabric
Type	Version			
Windows NT	4.0 (SP6a)	<b>Emulex:</b> LP8000	Quantum: SDLT	MDS9513
Windows 2000	Advanced Server (SP3)	<b>QLogic:</b> QLA 2200		3.0(1)
Solaris 8	8	<b>Emulex:</b> LP8000		MDS9500
AIX 4.3.3	4.3.3	<b>IBM:</b> 6228		MDS9216
				MDS9100
				2.0(2b)
				2.1(1b)
				2.1(2b)
				3.0(1)
				MDS9216i
				2.0(1b)
				2.0(2b)
				2.1(1b)
				2.1(2b)
				3.0(1)
				MDS9020
				2.1(2)

# HP

**Table 2-18** HP MSL, ESL, EML Series

Operating System <sup>1</sup>	Host Bus Adapter	Tape Drive	Switch Fabric	
	Models	Models		
Windows	HP:	HP:	MDS9513	MDS9222i
Solaris	All HP supported models	LTO-1, LTO-2, LTO-3, LTO-4	MDS9509	MDS9134
Linux			MDS9506	MSM 18/4
HPUX			MDS9216A	3.2(1a)
AIX			MDS9216i	3.2(2c)
Open VMS			MDS9140	3.2(3)
Netware			3.0(2)	3.3(1a)
			3.0(2a)	3.3(1c)
			3.0(3)	4.1(1b)
	3.1(2)			
	3.1(2a)	MDS9214		
	3.1(3a)	3.1(2)		
	3.2(1a)	3.1(3a)		
	3.2(2c)	3.2(1a)		
	3.2(3)	3.2(2c)		
	3.3(1a)	3.2(3)		
	3.3(1c)	3.3(1a)		
	4.1(1b)	3.3(1c)		
		4.1(1b)		
		MDS9020		
		2.1(2)		
		2.1(3)		

1. Refere to the EBS compatibility matrix at the following link for more infomation on supported operating systems and applications::  
<http://h18000.www1.hp.com/products/storageworks/ebs/index.html>

Table 2-19 HP VLS Series

Operating System <sup>1</sup>	Host Bus Adapter Models	Tape Drive Models	Switch Fabric
Windows	HP:	HP:	MDS9513
Solaris	All HP supported models	All supported emulated tape drives	MDS9509
Linux			MDS9506
HPUX			MDS9216A
AIX			MDS9216i
Open VMS			MDS9140
Netware			3.2(3)
			3.3(1a)
			4.1(1b)
	MDS9222i		
	MDS9134		
	MSM 18/4		
	3.2(3)		
	3.3(1a)		
	3.3(1c)		
	4.1(1b)		
	MDS9214		
	3.2(3)		
	3.3(1a)		
	3.3(1c)		
	4.1(1b)		

1. Refer to the EBS compatibility matrix at the following link for more information on supported operating systems and applications:  
<http://h18000.www1.hp.com/products/storageworks/ebs/index.html>

# Overland Storage

Table 2-20 Neo Series

Operating System		Host Bus Adapter	Tape Drive Models	Switch Fabric
Type	Version			
Windows 2000	Advanced Server (SP3)	<b>QLogic:</b> QLA2300	HP: LTO-1, LTO-2  Qntm ATL: SDLT320	MDS9513 MDS9509 MDS9506 MDS9216A MDS9216i MDS9140
		<b>Emulex:</b> LP9802	HP: LTO-1, LTO-2  Qntm ATL: SDLT320	3.0(2) 3.0(2a) 3.0(3) 3.1(2) 3.1(2a) 3.2(1a)  MDS9214 3.1(2) 3.2(1a)  MDS9222i MDS9134 MSM 18/4 3.2(1a)  MDS9020 2.1(2)

# SONY

**Table 2-21 PetaSite**

Operating System		Host Bus Adapter	Tape Drive Models	Switch Fabric
Type	Version			
Windows 2000	Advanced Server (SP2)	<b>Emulex:</b> LP9802	SONY:	MDS9513
Solaris	8, 9	<b>Emulex:</b> LP8000, LP9002 <b>QLogic:</b> QLA2310, QLA2342 <b>Sun:</b> X6767A, X6727A	SDZ 100 SAIT SDZ 130 SAIT	MDS9509 MDS9506 MDS9216A MDS9216i MDS9140
Irix	6.5.18m, 6.5.19m, 6.5.21m & APD2.7	<b>SGI:</b> PCI-FC-1P (QLA2200) <b>QLogic:</b> QLA2340		3.0(2)
HP-UX	11i	<b>HP:</b> A5158A <b>Emulex:</b> LP9002		3.0(2a) 3.0(3)
Linux	RedHat 8	<b>QLogic:</b> QLA2300		3.1(2) 3.1(2a)  MDS9214 3.1(2)  MDS9020 2.1(2)

# ATTO

**Table 2-22 Fibre Storage**

Operating System		Host Bus Adapter	Tape Library	Tape Drive	Switch
Type	Version	Model	Model	Models	Fabric
Windows Server 2003	Enterprise Edition10	ATTO: FC3300	FB 1180	IBM LTO-2	MDS9513
			FB1290	IBM LTO-2	MDS9509
			FB2300	IBM LTO-2	MDS9506
			FB4500	SDLT 220	MDS9216A
Windows 2000	Professional	ATTO: FC-21PS	FB2400	IBM LTO-2	MDS9216i
Mac OSX Tiger	10.4.2	ATTO: FC-41XS, FC-42XS	FB2300	SDLT220	MDS9140
Mac OSX Panther	Panther	ATTO: FC-21PS			3.0(2)
					3.0(2a)
			3.0(3)		
			3.1(2)		
			3.1(2a)		
			3.2(1a)		
			MDS9214		
			3.1(2)		
			3.2(1a)		
			MDS9020		
			2.1(2)		

# Crossroad Systems

Table 2-23 Storage Routers 8000 /6000/10000

Operating System		Host Bus Adapter	Model	Cisco Tested	Switch Fabric
Type	Version				
Solaris	8	QLogic: QLA2200, QLA2342	CR 8000 fw: 4.03.27	Yes	MDS9513 3.0(1)
		JNI: FCE 1473	CR 10000 (set at 2G) 4.0.3.27		MDS9500 MDS9216 MDS9100
		JNI: FCE 1473	CR 6000		1.1(1) 1.2(1a) 1.3(4a) 2.0(1b) 2.0(2b) 2.1(1b) 2.1(2b) 3.0(1)  MDS9020 2.1(2)



Table 2-24 Storage Routers 4250

Operating System		Host Bus Adapter	Model	Cisco Tested	Switch Fabric
Type	Version				
Windows 2000	AS	QLogic: QLA2200	CR 4250	Yes	MDS9513
		Emulex: LP9002DC	fw: 306 2009m		3.0(1)
					MDS9500
					MDS9216
					MDS9100
					1.1(1)
					1.2(1a)
					1.3(2a)
					1.3(4a)
					2.0(1b)
					2.0(2b)
					2.1(1b)
					2.1(2b)
					3.0(1)
					MDS9020
					2.1(2)

# Tape Acceleration

**Table 2-25 SAN-OS 2.x, 3.x Tape Acceleration Feature**

<b>Tape Drive</b>	<b>Veritas Net Backup</b>	<b>Legato Networker</b>	<b>CA BrightStor</b>	<b>HP Data Protector</b>	<b>Commvault Galaxy</b>	<b>IBM TSM</b>
IBM LTO-2, 3, 4	Yes	Yes	Yes		Yes	Yes
IBM 3590/3592	Yes	Yes	Yes		Yes	Yes
HP LTO-2, 3, 4	Yes	Yes	Yes	Yes		
HP LTO-1	Yes	Yes	Yes	Yes		
HP NSR Bridge				Yes		
Crossroad Systems	Yes	Yes	Yes	Yes	Yes	Yes
STK T9840	Yes	Yes	Yes		Yes	
STK T9940	Yes	Yes	Yes		Yes	
EMC CDL	Yes	Yes				Yes
Sony SAIT	Yes	Yes	Yes		Yes	Yes
Quantum SDLT 600, S4	Yes	Yes	Yes		Yes	Yes