


D-Link®

Interoperability Matrix

This matrix references items that have been successfully tested with our DSN-1100, 2100, 3200 and 3400 SAN solutions. If there is an item of interest to you which does not appear on this list, please feel free to contact DLink. For specific installation and update instructions, please reference the respective 3rd party documentation.



NIC VENDOR	MODEL
Intel	Pro 1000MT & XT [1GbE]
Intel	Pro 10000 CX4 [10GbE]
Myricom	10G-PCIE-8A-C+E [10GbE]
Chelsio	S310X-SR-XFP [10GbE]
Neterion	Xframe II & Xframe E [10GbE]
iSCSI ACCELERATOR VENDOR	MODEL
Alacritech	SES2104ET (drivers: SNP 9.1.0.1092 & 7.3.1.0)
Alacritech	SES2102ET (drivers: SNP 9.1.0.1092 & 7.3.1.0)
iSCSI HBA VENDOR	MODEL
QLogic	QLA4010C QLA 4052C QLE4062C
SWITCH VENDOR	MODEL
D-Link	DXS 3250 & 3350 [1GbE & 10GbE]
Raptor	ER 1010 [10GbE]
Fujitsu	XG1200 [10GbE]
Force10	S-Series S2410 [1GbE & 10GbE]
10GbE XFP TRANSCEIVER VENDOR	MODEL
D-Link	DEM-421XT [850nm]
D-Link	DEM-422XT [850nm]
Picolight (JDSU)	PL-XXL-SC-S45-SS [850nm]
JDS Uniphase	JXP-01SWAA1 [850nm]
Intel	TXN181070850X28 [850nm]
Infineon	V2833-F0005-B101 QS [850nm]
Emcore CX4 Transceiver	ECX-7700-XFP-01 [Copper]
NOTE: If any TCP Checksum errors occur on the Host, we suggest that you disable any TCP Offloading features on the Host NIC(s).	



Operating System.ZONE

MICROSOFT	NOTES
Vista 32-bit & x64 (Ultimate & Enterprise)	MS iSCSI initiator
Windows Server 2003 R2 SP1 32 & 64-bit (Standard & Enterprise)	MS iSCSI initiator v2.07 or later
Windows Server 2008 Enterprise 32 & 64-bit	MS iSCSI initiator
Windows XP Pro 32 & 64-bit	MS iSCSI initiator or later
Windows 2000 Advanced Server	No MS iSCSI Initiator support, QLogic HBA only
LINUX	NOTES
Red Hat 7.3	Open Source Linux Driver Version: 3.6.3 QLogic iSCSI HBA QLA4010c, QLA4010 Driver Version: 3.09b1, Firmware Version: 2.0.0.5
Red Hat Enterprise AS 4 update 5 (64-bit)	Kernel: 2.6.9-55 Enterprise linux software iSCSI initiator: iscsi-initiator-utils-4.0.1.11-4
Red Hat Enterprise 5 update 2 (64-bit)	Increased compatibility with latest stable release of open-iscsi initiator v2.0-865.15 & 1.6.2 Software release
SuSE Professional 9.3 32-bit	Linux Software Initiator version 4.0.188.18 (Cisco)
SuSE Enterprise Server 10.2 32-bit	NOTE: Using QLogic QLA4010C HBA w/3.22 driver Kernel: 2.6.16.46-0.12_smp i386 32-bit
UNIX	NOTES
Sun Solaris 10 build 6/06	SUN iSCSI Software Initiator 1.0 (Bundled with release 01/06 or later). MPIO not tested.
IBM AIX 5L	AIX Software Initiator 5.3.0.20 (Bundled with operating system). MPIO not tested.
VMware	NOTES
ESX Server 3.0.2 & 3.5	Must have v1.5.1.36 or higher in order to use the software iSCSI initiator. Or, simply use either QLogic 4010C or 4052C HBAs for hardware iSCSI initiator connectivity
Virtual Iron	NOTES
Virtual Iron v4.2	Use v1.6.0.81 or higher
XenSource	NOTES
Citrix XenServer v4	Basic iSCSI Connectivity w/ v1.6.0.81 or higher
Apple	NOTES
Mac OSX (10.4 & 10.5)	Built-in Intel NICs software iSCSI initiator: ATTO Xtend SAN 3.2



Storage.ZONE



DSN-1000/2000/3000 Series

SATA	CAPACITY	CACHE	MODEL	PART #	FW
Hitachi Deskstar	120GB				
Hitachi Deskstar	150GB				
Hitachi Deskstar	160GB				
Hitachi Deskstar	250GB				
Hitachi Deskstar	400GB				
Hitachi Ultrastar	500GB	32MB	HUA721050KLA330	0A35151	AB0A
Hitachi Ultrastar	750GB	32MB	HUA721075KLA330	0A35152	AB0A
Hitachi Ultrastar	1TB	32MB	HUA721010KLA330	0A35153	AB0A
Seagate	250GB		ST3250620NS		3.AEE
Seagate	400GB		ST3400620NS		3.AEE
Seagate	500GB		ST3500630NS		3.AEE
Seagate	750GB		ST3750640NS		3.AEE
Seagate ES.2	250GB		ST3250310NS	9CA152-502	SN04
Seagate ES.2	500GB		ST3500320NS	9CA154-502	SN04
Seagate ES.2	750GB		ST3750330NS	9CA156-502	SN04
Seagate ES.2	1TB		ST31000340NS	9CA158-502	SN04



Hardware.ZONE

DDR 333MHz (PC2700) DIMM	PART #
Kingston 256MB	KVR333S8R25/256 A00
Kingston 512MB	KVR333S8R25/512 A02
Kingston 1GB	KVR333D8R25/1G A00
Infineon 256MB	PC2700R-25330
Micron 512MB	PC2700R-25331
IBM 1GB	MT18VDDF 12872DG-335D3
Southland Microsystems 2GB	ISTR 2GB-333 2GB, PC2700, 2.5V, 2.5CL, ECC, Reg,
DDR 400MHz (PC3200) DIMM	PART #
Virtium 256MB	VL383L3223E-B3S
Virtium 512MB	VL383L6523E-B3S
Virtium 1GB	VL383L2923E-B3S
DIMM SPECIFICATION	
333MHz (PC2700) 400MHz (PC3200)	SDRAMs must be JEDEC compliant and DDR333 capable with a CAS latency of 2.5. NOTE: PC3200/DDR400 DIMMs can be used ONLY if they support a 2.5 CAS latency when operating at 333MHz.
ECC	DIMMs must be organized as x72 bits wide, allowing support for ECC.
X8 DRAMs	ALL DIMMs must use 8-wide DRAMs that can support data mask (DM) signals. DIMMs that use 4-bit wide DRAMs do NOT provide DM signals and cannot be used.
Registered	DIMMs must be registered as per the JEDEC specification
Buffered	DIMMs must be buffered as per the JEDEC specification



Software.ZONE

DATABASE	VERSION
MySQL Enterprise	5
Microsoft SQL	2003
DATA PROTECTION & DR	VERSION
ca BrightStor ARCserve Backup	Client Agent for Windows r12.0 build 5454
Microsoft System Center DPM	Data Protection Manager v2007
Symantec Storage Foundation	5 32-bit; Windows Server 2003 R2
Symantec BackupExec	11d
InMage DR	Scout 32-bit Windows Server 2003 R2
esXpress	3.1 (the ONLY scalable and completely fault tolerant backup, restore & disaster recovery for Virtual Infrastructure v3.x)
veeam	Backup v2
FilesX Xpress Restore	ST 32-bit Windows Server 2003 R2
Datacore SANmelody	Lite 32-bit Windows Server 2003 R2
FILE SHARING & SAN MANAGEMENT	VERSION
StoreAge SVM (Storage Virtualization Manager)	5 (MultiView & MultiMirror)
Sanbolic MelioFS	2
Tiger Technology MetaSAN iSCSI	2.2
CommandSoft FibreJet	25.9
VIDEO EDITING & WORKFLOW	VERSION
Apple Final Cut Pro	5
Adobe Premiere Pro	2
VIRTUALIZATION	VERSION
Microsoft Virtual Server	2005 R2
VMware ESX Server	3.0.2 & 3.5
VMware Server	1.02
Microsoft Hyper-V	As distributed w/Windows Server 2008 Enterprise 64-bit
VMware Workstation	6
Virtual Iron v4.2	Requires firmware v1.6.0.81 or higher
XenSource	Citrix XenServer v4
BOOT FROM SAN	VERSION
emboot win Boot/i	2.5