

Compatibility Matrix for Bloombase Spitfire StoreSafe Storage Encryption Security Server for Network-Attached Storage (NAS)

Host Operating System Interoperability

		Spitfire StoreSafe NAS Interoperability			Remarks
		NFS ¹	CIFS ²	FTP ³	Comments
Linux	Red Hat Linux 5.1	•	•	•	
	Red Hat Linux 5.2	•	•	•	
	Red Hat Linux 6.0	•	•	•	
	Red Hat Linux 6.1	•	•	•	
	Red Hat Linux 7.2	•	•	•	
	Red Hat Linux 8.0	•	•	•	
	Red Hat Linux 9.0	•	•	•	
	Red Hat Enterprise Linux ES	•	•	•	
	Red Hat Enterprise Linux AS 2.1	•	•	•	
	Red Hat Enterprise Linux AS 3	•	•	•	
	Red Hat Enterprise Linux AS 4	•	•	•	
	Red Hat Enterprise Linux 5	•	•	•	
	Red Hat Enterprise Linux 6	•	•	•	
	SUSE Linux 7.2	•	•	•	
	SUSE Linux 8.0	•	•	•	
	SUSE Linux Enterprise Server 8.0	•	•	•	
	SUSE Linux Enterprise Server 9.0	•	•	•	
	SUSE Linux Professional 9.0	•	•	•	
	SUSE Linux Professional 9.1	•	•	•	
	SUSE Linux Professional 9.2	•	•	•	
	SUSE Linux Professional 9.3	•	•	•	
	TurboLinux 6	•	•	•	
	TurboLinux 7	•	•	•	
	TurboLinux 8	•	•	•	
	TurboLinux 10	•	•	•	
FreeBSD	FreeBSD 4.0	•	•	•	
	FreeBSD 4.5	•	•	•	
	FreeBSD 4.8	•	•	•	
	FreeBSD 5.1	•	•	•	
	FreeBSD 5.3	•	•	•	
HP-UX	HP-UX 10.20 on PA-RISC	•	•	•	
	HP-UX 11.0 on PA-RISC	•	•	•	
	HP-UX 11iv1/11.11 on PA-RISC	•	•	•	
	HP-UX 11iv2/11.23 on PA-RISC	•	•	•	
	HP-UX 11iv1.6/11.22 on Itanium 2	•	•	•	
	HP-UX 11iv2/11.23 on Itanium 2	•	•	•	
IBM AIX	AIX 4.2 on PowerPC	•	•	•	
	AIX 4.3 on PowerPC	•	•	•	

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	AIX 5.1 on PowerPC	●	●	●
	AIX 5.2 on PowerPC	●	●	●
	AIX 5.3 on PowerPC	●	●	●
	AIX 6.x on PowerPC	●	●	●
	AIX 7.x on PowerPC	●	●	●
Oracle	Unbreakable Linux	●	●	●
Solaris	SunOS 5.6 on SPARC	●	●	●
	Solaris 7 on SPARC	●	●	●
	Solaris 8 on SPARC	●	●	●
	Solaris 9 on SPARC	●	●	●
	Solaris 10 on SPARC	●	●	●
	Solaris 7 on x86	●	●	●
	Solaris 8 on x86	●	●	●
	Solaris 9 on x86	●	●	●
	Solaris 10 on x86	●	●	●
Tru64 UNIX	Tru64 UNIX 4.0F/4.0G/5.1A on Alpha	●	●	●
SCO	UnixWare 7.1.4 on x86	●	●	●
	OpenServer 5.0.5 on x86	●	●	●
	OpenServer 5.0.7 on x86	●	●	●
	OpenServer 6 on x86	●	●	●
OpenVMS	OpenVMS 7.3.2 on Alpha	●	●	●
	OpenVMS 8.2.1 on Itanium 2	●	●	●
Microsoft	Windows 95	●	●	●
	Windows 98/Me	●	●	●
	Windows NT	●	●	●
	Windows 2000	●	●	●
	Windows Server 2000	●	●	●
	Windows XP	●	●	●
	Windows Server 2003	●	●	●
	Windows Vista	●	●	●
	Windows 7	●	●	●
	Windows Server 2008	●	●	●
Novell	NetWare 6.5 OES	●	●	●
Mac OS	Mac OS 8/9	●	●	●
	Mac OS X	●	●	●

Legend:

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Notes:

- 1 Network File System (NFS) versions 2/3
- 2 Microsoft Common Internet File System (CIFS)
- 3 File Transfer Protocol (FTP)

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		Host and Storage Protocol		Security				Cryptographic Cipher		Key Management										High Availability Management		Email	Web-based Console ⁷	RS-232 Serial Console
		NFS ¹	CIFS ²	FTP ³	Encryption	Access Control	Integrity	AES	3DES	DES	Camellia	CAST5 and CAST6	RC2, RC4, RC5 and RC6	Blowfish	Twofish	RSA	Spitfire KeyCastle	PKCS#11 ⁴	Clustering	SNMP ⁶	Email	Web-based Console ⁷	RS-232 Serial Console	
SpitfireOS	SpitfireOS 1.0 for x86	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	
	SpitfireOS 1.0 for Itanium 2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	
Linux	Red Hat Linux 5.1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●	
	Red Hat Linux 5.2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●	
	Red Hat Linux 6.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●	
	Red Hat Linux 6.1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●	
	Red Hat Linux 7.2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●	
	Red Hat Linux 8.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●	
	Red Hat Linux 9.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●	
	Red Hat Enterprise Linux ES	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●	
	Red Hat Enterprise Linux AS 2.1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●	
	Red Hat Enterprise Linux AS 3	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●	
	Red Hat Enterprise Linux AS 4	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●	
	Red Hat Enterprise Linux 5	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●	
	Red Hat Enterprise Linux 6	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●	
	SUSE Linux 7.2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●	
	SUSE Linux 8.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●	
	SUSE Linux Enterprise Server 8.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●	
	SUSE Linux Enterprise Server 9.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●	
	SUSE Linux Professional 9.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●	
	SUSE Linux Professional 9.1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●	
SUSE Linux Professional 9.2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●		
SUSE Linux Professional 9.3	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●		
TurboLinux 6	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●		
TurboLinux 7	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●		
TurboLinux 8	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●		
TurboLinux 10	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●		
FreeBSD	FreeBSD 4.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●		
	FreeBSD 4.5	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●		
	FreeBSD 4.8	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●		
	FreeBSD 5.1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●		
	FreeBSD 5.3	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●		
HP-UX	HP-UX 11.0 on PA-RISC	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●		
	HP-UX 11iv1/11.11 on PA-RISC	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●		
	HP-UX 11iv2/11.23 on PA-RISC	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●		
	HP-UX 11iv1.6/11.22 on Itanium 2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●		
	HP-UX 11iv2/11.23 on Itanium 2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●		
AIX	AIX 5.1 on PowerPC	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●		
	AIX 5.2 on PowerPC	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●		
	AIX 5.3 on PowerPC	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●		
	AIX 6 on PowerPC	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5	●	●	●	●		

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- 5 Only fault-tolerant cluster with central multi-processing synchronization control can be employed for cluster purpose
 - Virtual server utilities
 - Hardware clustering, e.g. blade systems
- 6 SNMP versions 1, 2c, 3
- 7 Web-based management console secured by SSL over HTTP

Server Architecture Interoperability

		Support	Remarks
IBM	Power3 Series	●	
	Power4 Series	●	
	Power4+ Series	●	
	Power5 Series	●	
	Power5+ Series	●	
	Power6 Series	●	
	PowerPC 970MP Series	●	
	PA8700 architecture	●	
	PA8800 architecture	●	
	PA8900 architecture	●	
Intel	IA64 (Intel 64-bit architecture)	●	
	IA64 Dual Core Montecito	●	
	Intel EM64T architecture	●	
AMD	AMD Opteron	●	
Sun	UltraSPARC II Series	●	
	UltraSPARC III Series	●	
	UltraSPARC IV Series	●	
	UltraSPARC T1 Series	●	
	UltraSPARC T2/T2+ Series	●	
	SPARC64-V Series	●	
	SPARC64-VI Series	●	
SPARC64-VII Series	●		

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Storage System Interoperability

		Support	Remarks
Dell	PowerVault NX series	●	

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	PSx00E Series	•	
EMC	Celerra NS series	•	
	Celerra NS20	•	
	Celerra NS40/40G	•	
	Celerra NS80/80G	•	
	Celerra NSX	•	
	Celerra NX4	•	
	Symmetrix 8000 series	•	
	CLARiiON CX series including CX3 and CX4	•	
	Symmetrix 3000 series	•	
	Symmetrix 8000 series	•	
	Symmetrix DMX series	•	
Engenio (LSI)	E2600, E4600, E5600, E6000	•	
	S2600, S2800, S5600	•	
Fujitsu	ETERNUS 2000 series	•	
	ETERNUS 4000 series	•	
	ETERNUS 6000 series	•	
	ETERNUS 8000 series	•	
Generic	FC JBOD	•	
	SCSI JBOD	•	
HDS	AMS/WMS series	•	
	Lightning 9900V series	•	
	SMS/AMS2000 series	•	
	Thunder 9500V series	•	
	TMS1000	•	
	TagmaStore USP/NSC series	•	
	USPV/USPVM	•	
	NAS Platform 3xxx series	•	
	Titan 3000 series	•	
	Mercury 50 series	•	
	Mercury 100 series	•	
HP	EVA4400	•	
	StorageWorks EVA 4000/6000/8000 series	•	
	StorageWorks EVA4100/6100/8100	•	
	StorageWorks XP10000/12000	•	
	StorageWorks XP128/1024	•	
	StorageWorks XP20000/24000	•	
	3PAR InServ S200, 400, 800	•	
IBM	Storwize V7000	•	
	ESS 750/800 series	•	
	ESS 2105 Shark F10, F20	•	
	ESS 2105 Shark models 750, 800	•	
	FAST 500	•	
	SAN VC	•	
	System Storage N series	•	
	System Storage DS6000 series	•	
	System Storage DS8000 series	•	
	TotalStorage DS4000 series	•	
	System Storage N3000 series	•	
	System Storage N6000 series	•	
	System Storage N7000 series	•	
Microsoft	Windows Storage Server 2003	•	
	Windows Storage Server 2008	•	
NEC	iStorage 1000	•	
	iStorage 2000	•	

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NetApp	FAS2000/FAS900/FAS200 series	●	
	FAS3000/V3000 series	●	
	FAS6000/V6000 series	●	
	R200 NearStore Series	●	
Nihon Unisys	SANArena 1530, 1570	●	
	SANArena 2000 Series	●	
Oracle	StorEdge 3310/3320	●	
	StorageTek 3510/3511	●	
	StorageTek 6130/6140	●	
	StorageTek 6920/6940	●	
	StorageTek 9900 series	●	
	StorageTek 9985/9990 series	●	
	StorageTek 9985V	●	
	StorageTek 9990V	●	
	StorEdge T3	●	
	StorEdge T3+, 3910, 3960	●	
	StorageTek FlexLine 200/300 series	●	
	Sun ZFS Storage 7xxx series	●	
	Exadata Storage Server	●	
	Pillar Data Axiom 300/500	●	
SGI	IS500, TP9300, 9400, 9500, 9700	●	
		●	
VMware	vSphere Storage Appliance	●	

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Host Bus Adapter / Network Interface Card / Converged Network Adapter Interoperability

		Support	Remarks
ATTO	FastFrame NS14	●	
	FastFrame CS14	●	
Broadcom	NetXtreme 57xx	●	
	NetXtreme II 1G 57xx	●	
	NetXtreme II 10G 57xx	●	
	NetLink 57xx	●	
	NetLink 44xx	●	
Emulex	OCe11102-NM	●	
	OCe11102-NX	●	
	OCe10102-NM	●	
	OCe10102-NX	●	
IBM	Virtual Fabric Adapter II for IBM BladeCenter	●	
	Virtual Fabric Adapter II for IBM System x	●	
	PCIe 2.0 10GbE Network Adapter for IBM Power 710, 720, 730 and 740	●	
QLogic	QLE83xx	●	
	QLE82xx	●	
	QLE81xx	●	

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	QLE405x	●	
	QLE406x	●	

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Switch Interoperability

		Support	Remarks	
Brocade	VDX 67xx series	●		
	FCX Series	●		
	8000 Series	●		
Cisco	Catalyst 2960x series	●		
	Catalyst 6500 series	●		
	Catalyst 4900 series	●		
	MDS 9216 & MDS 9500 Series	●		
	Nexus 1000v Series	●		
	Nexus 2000 Series	●		
	Nexus 3000 Series	●		
	Nexus 5000 Series	●		
Dell	Nexus 7000 Series	●		
	Z-series	●		
	E-series	●		
	C-series	●		
	S-series	●		
	HP	12500 series	●	
		5900 series	●	
		58xx series	●	
		10500 series	●	
		7500 series	●	
5500 series		●		
2900 series		●		
26xx series		●		
IBM	25xx series	●		
	19xx series	●		
	18xx series	●		
	b-type series	●		
Juniper	j-type series	●		
	EX2xxx series	●		
	EX3xxx series	●		
	EX4xxx series	●		
	EX6xxx series	●		
	EX8xxx series	●		

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