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Compatibility Matrix for Bloombase SOA

Host Platform Compatibility

SpitfireOS

	Security												XML			Key Management			High Availability	Management			
	XML Signature Generation and Verification ¹	XML Encryption and Decryption ²	PKCS#1 Signature Generation and Verification	PKCS#5 Encryption and Decryption	PKCS#7 Signature Generation and Verification	PKCS#7 Encryption and Decryption	AES, DES, 3DES, Camellia, Blowfish, Twofish	Adobe PDF Signature Generation and Verification	RSA Signature Generation and Verification	RSA Encryption and Decryption	DSA Signature Generation and Verification	SHA-1, MD5 Hash	Well-formness and Syntax Validation	Transforms and Cacnonicalization	XPath, XSLT Processing	Spitfire KeyCastle	PKCS#11 ³	Key Validity and Revocation Checking by CRL, CRLDP and OCSP	Clustering and Load-balancing ⁴	SNMP ⁵	Email	Web-based Console ⁶	RS-232 Serial Console
SpitfireOS for x86	•	•	•	•	•	•	•	•	•	•	•	•	•	٠	•	•	•	•	•	٠	•	•	•
SpitfireOS for Itanium 2	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	0	٠	٠	٠	٠	٠	•
Red Hat Linux 5.1	٠	٠	•	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	•
Red Hat Linux 5.2	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	•
Red Hat Linux 6.0	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	•
Red Hat Linux 6.1	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	•
Red Hat Linux 7.2	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	•
Red Hat Linux 8.0	٠	٠	•	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	•
Red Hat Linux 9.0	٠	٠	•	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	•
Red Hat Enterprise Linux ES	٠	٠	•	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	•
Red Hat Enterprise Linux AS 2.1	٠	٠	•	٠	•	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	•
Red Hat Enterprise Linux AS 3	٠	٠	•	٠	•	٠	٠	٠	٠	٠	٠	٠	•	٠	٠	٠	٠	•	٠	٠	٠	•	•
Red Hat Enterprise Linux AS 4	٠	٠	•	٠	•	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	•
SUSE Linux 7.2	٠	٠	•	٠	•	٠	٠	٠	•	٠	٠	٠	٠	٠	٠	٠	٠	•	٠	٠	٠	٠	•
SUSE Linux 8.0	٠	٠	•	٠	•	٠	٠	٠	٠	٠	٠	٠	•	٠	٠	٠	٠	•	٠	٠	٠	•	•
SUSE Linux Enterprise Server 8.0	٠	٠	•	٠	•	٠	٠	•	•	٠	٠	٠	•	٠	٠	٠	٠	•	٠	٠	٠	•	•
SUSE Linux Enterprise Server 9.0	٠	٠	•	٠	•	٠	٠	•	٠	٠	٠	٠	•	٠	٠	٠	٠	•	٠	٠	٠	•	•
SUSE Linux Professional 9.0	٠	٠	•	٠	•	٠	٠	•	•	٠	٠	٠	•	٠	٠	٠	٠	•	٠	٠	٠	•	•
SUSE Linux Professional 9.1	٠	٠	•	٠	•	٠	٠	•	•	٠	٠	٠	•	٠	٠	٠	٠	•	٠	٠	٠	•	•
SUSE Linux Professional 9.2	٠	٠	•	٠	•	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	•	٠	٠	٠	٠	•
SUSE Linux Professional 9.3	٠	٠	•	٠	•	٠	٠	٠	•	٠	٠	٠	٠	٠	٠	٠	٠	•	٠	٠	٠	٠	•
TurboLinux 6	٠	٠	•	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	•	٠	٠	٠	٠	•
TurboLinux 7	٠	٠	•	٠	•	٠	٠	٠	•	٠	٠	٠	٠	٠	٠	٠	٠	•	٠	٠	٠	٠	•
TurboLinux 8	٠	٠	•	٠	•	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	•	٠	٠	٠	٠	•
TurboLinux 10	٠	٠	•	٠	•	٠	٠	٠	•	٠	٠	٠	٠	٠	٠	٠	٠	•	٠	٠	٠	٠	•
FreeBSD 4.0	٠	٠	•	٠	•	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠		٠	٠	٠	٠	٠	•

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	FreeBSD 4.5	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠		٠	٠	٠	٠	٠	٠
	FreeBSD 4.8	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠		٠	٠	٠	٠	٠	٠
	FreeBSD 5.1	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠		٠	٠	٠	٠	٠	•
	FreeBSD 5.3	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠		٠	٠	٠	٠	٠	•
HP-UX	HP-UX 11.0 on PA-RISC	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠		٠	٠	٠	٠	٠	•
	HP-UX 11iv1/11.11 on PA-RISC	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠		٠	٠	٠	٠	٠	•
	HP-UX 11iv2/11.23 on PA-RISC	٠	٠	•	•	•	٠	•	•	٠	٠	•	•	•	٠	٠	٠		•	٠	٠	•	•	•
	HP-UX 11iv1.6/11.22 on Itanium 2	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	•	•	٠	٠	٠		•	٠	٠	٠	٠	•
	HP-UX 11iv2/11.23 on Itanium 2	٠	٠	٠	٠	•	٠	٠	•	٠	٠	٠	٠	٠	٠	٠	•		•	٠	٠	•	٠	•
AIX	AIX 5.1 on PowerPC	٠	٠	٠	٠	•	٠	٠	•	٠	٠	٠	•	•	٠	٠	٠		•	٠	٠	•	٠	•
	AIX 5.2 on PowerPC	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	•	•	٠	٠	٠		٠	٠	٠	٠	٠	•
	AIX 5.3 on PowerPC	٠	٠	•	•	٠	٠	٠	٠	•	٠	•	٠	٠	٠	٠	٠		٠	٠	٠	٠	•	•
Solaris	Solaris 7 on SPARC	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	•	•	٠	٠	٠	٠	٠	٠	٠	٠	٠	•
	Solaris 8 on SPARC	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	•	•	٠	٠	٠	٠	٠	٠	٠	٠	٠	•
	Solaris 9 on SPARC	٠	٠	•	•	٠	٠	٠	٠	•	٠	•	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	•	٠
	Solaris 10 on SPARC	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	•	•	٠	٠	٠	٠	٠	٠	٠	٠	٠	•
	Solaris 7 on x86	٠	٠	•	•	٠	٠	٠	٠	•	٠	•	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	•	•
	Solaris 8 on x86	٠	٠	•	•	٠	٠	٠	٠	•	٠	•	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	•	٠
	Solaris 9 on x86	٠	٠	٠	٠	•	٠	٠	•	٠	٠	٠	٠	٠	٠	٠	٠	٠	•	٠	٠	•	٠	•
	Solaris 10 on x86	٠	٠	٠	٠	•	٠	٠	•	٠	٠	٠	٠	٠	٠	٠	٠	٠	•	٠	٠	•	٠	•
Tru64 UNIX	Tru64 UNIX 4.0F/4.0G/5.1A on Alpha	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	•	•	٠	٠	•		٠	٠	٠	٠	٠	•
SC0	UnixWare 7.1.4 on x86	٠	٠	٠	٠	•	٠	٠	•	٠	٠	٠	٠	٠	٠	٠	٠		•	٠	٠	•	٠	•
	OpenServer 6 on x86	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	•	•	٠	٠	•		٠	٠	٠	٠	٠	•
OpenVMS	OpenVMS 7.3-2 on Alpha	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	•	•	٠	٠	•		٠	٠	٠	٠	٠	•
	OpenVMS 8.2-1 on Itanium 2	٠	٠	•	•	٠	٠	•	٠	•	٠	•	٠	٠	٠	٠	٠		٠	٠	٠	٠	•	•
Microsoft	Windows 98/Me	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	
	Windows NT	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	
	Windows 2000	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	
	Windows XP	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	
	Windows 2003	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	
Mac OS	Mac OS X	٠	٠	٠	•	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠		٠	٠	٠	٠	•	

Legend:

•	indicates the item is fully supported currently
	indicates the item is not supported currently
0	indicates the item is under development and will be incorporated in next release
Comments:	

Spitfire SOA Security Server has no hardware dependency

Notes:

1 W3C XML digital signature generation and verification standards. http://www.w3c.org/

2 W3C XML encryption and decryption standards. http://www.w3c.org/

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- 3 The following PKCS#11 has been validated
 - AEP Networks Keyper
 - Oracle Sun Crypto Accelerator
 - Sophos Utimaco SafeGuard CryptoServer
 - Thales nShield
 - HP Atalla
 - IBM 4758 Cryptographic CoProcessor
 - IBM eServer Cryptographic Accelerator
 - IBM Crypto Express2
 - IBM CP Assist for Cryptographic Function
 - Cavium NITROX XL
 Other PKCS#11 compliant hardware security modules
- 4 Spitfire SOA High Availability module required
- 5 SNMP versions 1, 2c and 3
- 6 Web-based management console is SSL secured

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