

Compatibility Matrix for Bloombase Message

Host Platform Compatibility

		Communications	SMTP Gateway ¹	HTTP Agent ²	Java RMI Agent	Web Services Agent	PKCS#7 Signature Generation and Verification	PKCS#7 Encryption and Decryption	S/MIME Signature Generation and Verification	S/MIME Encryption and Decryption	AES 128-, 192-, 256-bit Encryption and Decryption	DES, 3DES Encryption and Decryption	NTT/Mitsubishi Gemella Encryption and Decryption	CAS15 and CAS16 Encryption and Decryption	RC2, RC4, RC5, RC6 Encryption and Decryption	RSA Signature Generation and Verification	RSA Encryption and Decryption	SHA-1, MD5 Hash	Spitfire KeyCastle	PKCS#11 ³	Clustering and Load-balancing	SNMP ⁴	Email	Web-based Console ⁵	RS-232 Serial Console
SpitfireOS	SpitfireOS 1.0 for x86	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	SpitfireOS 1.0 for Itanium 2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	○	•	•	•	•
Linux	Red Hat Linux 5.1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	6	•	•	•	•
	Red Hat Linux 5.2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	6	•	•	•
	Red Hat Linux 6.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	6	•	•	•
	Red Hat Linux 6.1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	6	•	•
	Red Hat Linux 7.2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	6	•	•
	Red Hat Linux 8.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	6	•	•
	Red Hat Linux 9.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	6	•	•
	Red Hat Enterprise Linux ES	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	6	•	•
	Red Hat Enterprise Linux AS 2.1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	6	•	•
	Red Hat Enterprise Linux AS 3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	6	•	•
	Red Hat Enterprise Linux AS 4	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	6	•	•
	SUSE Linux 7.2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	6	•	•
	SUSE Linux 8.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	6	•	•
	SUSE Linux Enterprise Server 8.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	6	•	•
	SUSE Linux Enterprise Server 9.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	6	•	•
	SUSE Linux Professional 9.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	6	•	•
	SUSE Linux Professional 9.1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	6	•	•
	SUSE Linux Professional 9.2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	6	•	•
SUSE Linux Professional 9.3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	6	•	•	
TurboLinux 6	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	6	•	•	
TurboLinux 7	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	6	•	•	
TurboLinux 8	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	6	•	•	
TurboLinux 10	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	6	•	•	
FreeBSD	FreeBSD 4.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	6	•	•	

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|---|--|
| 3 | The following PKCS#11 has been validated <ul style="list-style-type: none">▪ 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 | SNMP versions 1, 2c and 3 |
| 5 | Web-based management console is SSL secured |
| 6 | System level clustering can be made possible by <ul style="list-style-type: none">▪ Third party network load-balancers/switches▪ Virtual server utilities▪ Hardware clustering, e.g. blade systems |

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