

August 2004

TURNKEY APPLIANCE VPN FEATURES

Vendor	Barbedwire	Fortinet	ISS	Secure Computing	ServGate	Symantec
ESP Crypto						
DES	No	Yes	Yes	Yes	Yes	Yes
TripleDES	Yes	Yes	Yes	Yes	Yes	Yes
AES	No	Yes	Yes	No	Yes	[2]
HMAC-SHA1	[1]	Yes	Yes	Yes	Yes	Yes
HMAC-MD5	Yes	Yes	Yes	Yes	Yes	Yes
DH Groups 1,2,5	[3]	Yes	Yes	Yes	Yes	[4]
IKE Features						
Main Mode	Yes	Yes	Yes	Yes	Yes	Yes
Aggressive Mode	No	Yes	Yes	Yes	Yes	Yes
XAUTH	No	Yes	Yes	Yes	[5]	Yes
Client VIPs	No	Yes	Yes	Yes	[5]	Yes
NAT Traversal	No	Yes	Yes	No	Yes	Yes
Dead Peer Detection	No	Yes	No	[6]	Yes	[6]
Tunnel Keep-Alive	No	Yes	No	No	No	No
IKE Peer Authentication						
Preshared Secret	Yes	Yes	Yes	Yes	Yes	Yes
Raw Public Keys	Yes	No	No	No	[7]	No
Certificates	Yes	[7]	Yes	Yes	[7]	[8]
CRL Checking	No	No	Yes	Yes	Yes	No
Internal CA	Yes	No	No	Yes	Yes	No
XAUTH User Authentication						
Local List	NA	Yes	Yes	Yes	NA	Yes
RADIUS	NA	Yes	Yes	Yes	NA	Yes
LDAP	NA	Yes	No	Yes	NA	Yes
Win Domain	NA	No	No	Yes	NA	Yes
SecurID	NA	No	No	Yes	NA	Yes
Defender	NA	No	No	Yes	NA	Yes
SafeWord	NA	No	No	Yes	NA	No
Skey	NA	No	No	No	NA	Yes
TACACS	NA	No	No	No	NA	Yes
Certifications						
ICSA	No	Yes	[9]	Yes	No	Yes
VPNC	No	No	No	No	Yes	No
IPSec Client						
SafeNet			Yes	Yes	Yes	
Proprietary		Yes				Yes
Other Third Party	Yes					
Non-IPSec RA VPNs						
PPTP	Yes	Yes	No	No	Yes	No
L2TP	No	[10]	No	No	No	No
SSL	No	No	No	Yes	No	No
Management						
RA Policy Export	No	No	No	No	No	Yes
VPN Logging	Yes	Yes	Yes	Yes	Yes	Yes
SA Status in GUI	No	Yes	Yes	Yes	Yes	Yes
SA Details in GUI	No	Yes	No	No	No	Yes

[1] tripleDES/MD5/DH5 always proposed, but accepts SHA1 if proposed by other products

[2] AES supported for ESP, but not IKE

[3] DH Groups 2 and 5 only

[4] DH Groups 1 and 2 only

[5] XAUTH in June 2004 release

[6] Can disconnect or rekey after inactivity to (eventually) detect dead peer

[7] RSA signatures only

[8] No S2S VPN certificates; Entrust certificates for RA VPN only

[9] ICSA certification in progress

[10] Supports L2TP but not L2TP-over-IPSec