Overview

Models

HP 7500 SSL VPN Module with 500-user License   JD253A

Key features

- High performance hardware encryption
- Thin client and browser based access
- Multiple access authentication methods
- Remote security status checking
- Low Running Cost

Product overview

HP SSL VPN modules enable SSL VPN gateways to be established directly in an HP networking infrastructure, as part of chassis switches and router.Equipped with high-performance multi-core processors and embedded hardware encryption acceleration engines,these modules support high throughput and over 600K concurrent SSL VPN connections.With SSL VPN functionality, end users will benefit from remote file access, client/server applications running over either TCP or UDP, granular access rights and policy management capabilities, as well as dynamic user authorization based a number of authentication mechanisms.Through integration with the modular networking platforms, the modules provide an easy to deploy and manage remote access solution for medium to large organizations.

Features and benefits

Application highlights

- **High performance hardware encryption**: Use a multi-core processor with built-in encryption accelerators, which greatly increases the volume of SSL VPN traffic and the number of connections, ensuring adequate performance for enterprise requirements
- **Thin client and browser based access**: SSL VPN supports a Web access mode which requires no VPN client installation on the user side; remote users access network resources through a regular Web browser.
- **Security assessment of remote hosts**: SSL VPN module automatically checks the status of the endpoint device, including its operating environment, browser version, anti-virus system, installed patches, and required files and applications. This security status is feedback to the gateway, which will then authorize the user and endpoint according to the security policies of the organization; this effectively prevents infected mobile devices from contaminating the internal network.
- **Multiple access authentication methods**: provides multiple popular authentication and external authorization platforms including local authentication,RADIUS,LDAP, AD,RSA SecurID, and third-party PKI authentication. Supporting authentication, authorization, and management of different users
- **Dynamic authorization and security policies**: Support differing access control policies based on the URL connected to the gateway, the IP address and the port number requested, or the IP network segment accessed.Policies can also be applied based on user identity or the security posture of the remote device
- **Support for CLIENT/SERVER applications**: SSL VPN supports client-server applications by enabling the gateway to act as the proxy to terminate the SSL connection from the client and establish a TCP/UDP connection with the internal server. The VPN gateway then forwards packets to the server, ensuring only compliant connections are passed through. This port-forwarding technology provides better network security than similar IPSec VPN technology.
- **Support for IP layer based applications**: To support more IP-based network applications, SSL VPN modules assign a temporary IP address to the remote device via an IP access client program.The remote device will then be connected with the internal network at the IP layer, as if they were in the same LAN. Through this way, the SSL VPN modules support granular policies; they can restrict which IP network segments can be accessed by users, further reducing the security risks involved with

Overview

remote user

Warranty and support

- **1-year warranty**: with advance replacement and 10-calendar-day delivery (available in most countries)
- **Electronic and telephone support**: limited electronic and telephone support is available from HP; to reach our support centers, refer to www.hp.com/networking/contact-support; for details on the duration of support provided with your product purchase, refer to www.hp.com/networking/warrantysummary
- **Software releases**: to find software for your product, refer to www.hp.com/networking/support; for details on the software releases available with your product purchase, refer to www.hp.com/networking/warrantysummary

Technical Specifications

HP 7500 SSL VPN Module with 500-user License (JD253A)	Ports	1 RJ-45 serial console port	
	Physical characteristics	Dimensions	14.84(d) x 15.71(w) x 1.57(h) in. (37.7 x 39.9 x 4 cm) (1U height)
		Weight	7.05 lb. (3.2 kg)
	Memory and Processor	2G DDR2 SDRAM; packet buffer size: 64 MB flash	
	Performance	Throughput	up to 2 Gbps
		Concurrent sessions	60000
		New sessions/second	5000
		Number of users	10000
	Environment	Operating temperature	32°F to 104°F (0°C to 40°C)
		Operating relative humidity	10% to 90%, noncondensing
	Features	Web Access - Http protocol - Web Browser - html language - Javascript - web proxy Port Forward Access Mode - Telnet - Windows remote desktop share - VNC remote desktop share - Outlook - Notes - TCP application by fixed service port Extend Network Access Mode - IP connect by route - restriction for accessing network segment - TCP/UDP/IP filter - assign client IP address dynamically - client support WINS Service - client support DNS Service - Internet restrict visit to internet after user log in SSL VPN Authentication - Local authentication - Radius authentication - RSA SecureID - Ldap authentication - AD authentication - certificate authentication - double factor authentication	
	Services	3-year, 4-hour onsite, 13x5 coverage for hardware (HN001E) 3-year, 4-hour onsite, 24x7 coverage for hardware (HN004E) 3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 SW phone support and SW updates (HN008E) 3-year, 24x7 SW phone support, software updates (HN011E) 1-year, post-warranty, 4-hour onsite, 13x5 coverage for hardware (HR760E) 1-year, post-warranty, 4-hour onsite, 24x7 coverage for hardware (HR761E)	

Technical Specifications

1-year, post-warranty, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support (HR762E)

4-year, 4-hour onsite, 13x5 coverage for hardware (HN002E)

4-year, 4-hour onsite, 24x7 coverage for hardware (HN005E)

4-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (HN009E)

4-year, 24x7 SW phone support, software updates (HN012E)

5-year, 4-hour onsite, 13x5 coverage for hardware (HN003E)

5-year, 4-hour onsite, 24x7 coverage for hardware (HN006E)

5-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (HN010E)

5-year, 24x7 SW phone support, software updates (HN013E)

3 Yr 6 hr Call-to-Repair Onsite (HN014E)

4 Yr 6 hr Call-to-Repair Onsite (HN015E)

5 Yr 6 hr Call-to-Repair Onsite (HN016E)

1-year, 6 hour Call-To-Repair Onsite for hardware (HR764E)

1-year, 24x7 software phone support, software updates (HR763E)

Refer to the HP website at: www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.

Accessories

HP 7500 SSL VPN Module License
with 500-user License
accessories

| HP 7500 SSL VPN 5000-user License | JD258A |
| HP 7500 SSL VPN 1000-user License | JD257A |

To learn more, visit: www.hp.com/networking