



Cisco IOS Early Deployment Release 12.2(9)YE

Introduction

This release introduces hardware accelerated IPSec on the Cisco 7400 series router. IPSec is an IETF standard for providing encryption for IP traffic. Using IPSec customers can build VPNs to provide WAN connectivity between remote offices and headquarters locations. This release specifically enables use of the VPN Acceleration Module (VAM) on the 7400 to deliver up to 120 Mbps of 3DES encryption. Furthermore, this release introduces support for the web-based VPN Device Manager (VDM) software on the 7400. VDM enables a customer to use a browser such as Netscape or Internet Explorer to configure VPN functionality on the 7400. Please refer to the product data sheet for detailed product specifications.

Migration Guide

The migration path for this X-release is the first FCS release of 12.2S. It is expected in the 1st calendar quarter of 2003.

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12.2(9)YE is a short-lived "special" release to address the introduction of the 7400 VPN + VAM (crypto card) support. This release will offer no additional new features other than the features offered in 12.2 mainline. There are no maintenance or interim release cycles planned for this release. The option to rebuild is available to resolve critical network degrading showstoppers or linestops.

Key Benefits

Site-to-Site VPNs are an alternative WAN infrastructure that replaces or augments existing private networks using leased lines, Frame Relay, or ATM for a more cost effective solution that offers greater flexibility in connecting remote and branch offices to central site locations. Site-to-Site VPN routers are implemented at or just behind the WAN edge, generally where Internet access is provided. The 7400 Series used for VPNs delivers behind the WAN edge connectivity for large branch and head end locations.

Key VPN features delivered by the Cisco 7400 Series include:

- 120 mbps VPN encryption throughput utilizing the VPN Acceleration Module (VAM) hardware encryption acceleration
- 7400 VPN bundle provides turnkey deployment out of the box with default VPN configuration and pre-loaded the browser based Cisco VPN Device Manager (VDM) management software. All interfaces (dual FE/GE), software, and hardware required for scalable, turnkey behind-edge VPN deployment are included in the base chassis.



- Deployment flexibility for diverse networking environments including support for multicast and multiprotocol traffic, routing, QoS, and meshed/hierarchical network topologies

For more detailed information about the platforms and features being delivered in 12.2(9)YE, please reference the following documents:

400 for VPN: <http://www.cisco.com/ent/vsec/products/7400vpn.shtml>

Support

Cisco IOS software release 12.2(9)YE follows the standard Cisco support policy as indicated in the following link:

<http://www.cisco.com/warp/public/437/27.html>

Product Numbers

Platform	Software Feature Set	Product Code	Image	Flash	DRAM
7400	IP/FW/IDS IPSEC 3DES	S74CHK-9-12209YE	C7400-ik9o3s-mz	16MB	128MB
7400	IP PLUS IPSEC 3DES	S74CK-9-12209YE	C7400-ik9s-mz	16MB	128MB

Cisco IOS Release 12.2(9)YE Feature Sets, Images, and Memory Recommendations

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