

Cisco Network Based Security Services – Solution Update January 2008

Solution Overview

The Cisco® Network-Based Security Services solution delivers virtualized security services in an integrated fashion on innovative Cisco platforms for service provider and enterprise environments. These services enable Service Providers to offer comprehensive portfolio of security services to their MPLS VPN customers. The virtualized services include

- Secure remote access
- Site-to-site secure connectivity
- Firewall services for Internet access

The solution is supported on multiple platforms which offer Service Providers flexibility in terms of features, scale and performance. Past phases of the solution have introduced support for Cisco 7200 Series Routers and Cisco 7600 Series Routers. This phase of the solution introduces support for Cisco XR 12000 Series Routers.

The Cisco XR 12000 Series Routers support Virtual Firewall using the Multiservice Blade (MSB). The Cisco XR 12000 MSB firewall can be deployed in different topologies serving service providers. It can serve as the virtual firewall at the public IP peering point or on a shared services router or directly on a PE at the POP. It provides a high performance and scalable security solution that can be integrated with the network infrastructure. The MSB service virtualization allows service providers and large enterprises to implement separate policies for different customers or functional areas over the same physical infrastructure.

The Cisco XR 12000 Series Routers support IPsec related services using the Cisco IPsec VPN SPA (Shared Port Adapter). Using the Cisco XR 12000 SIP (SPA Interface Processor) cards (401, 501, and 601), each slot of the Cisco XR 12000 Series Router can support up to two Cisco IPsec VPN SPAs, or any mixture of the Cisco IPsec VPN SPA with other interface SPA types on the same SIP card. It offers a high performance and scalable solution to service providers and enterprise for virtualized secure access connectivity.

Additionally, Dorado Software, a Cisco Technology Development Partner, provides provisioning and management support for Cisco Network Based Security Services solution. The Dorado Redcell product has been tested for management of IPsec services on Cisco 7200, IPsec and Virtual Firewall services on Cisco 7600 and Virtual Firewall service on Cisco XR 12000.

Sales and support of Dorado's "Redcell Network-Based Security – Cisco Edition" are handled by Dorado Software; contact sales-aswan@doradosoftware.com

For More Information

For more information about the Cisco XR 12000 products for Network Based Security Services, go to:

http://www.cisco.com/en/US/prod/collateral/routers/ps6342/product_data_sheet0900aecd805f190f.html

http://cco/en/US/prod/collateral/modules/ps6267/product_data_sheet0900aecd8057f0a1.html

For more information on Network Based Security Services solution, go to:

http://www.cisco.com/en/US/netsol/ns482/networking_solutions_sub_solution.html

For more information on Dorado Software's Redcell management system, got to:

<http://www.doradosoftware.com/ciscoSecurity>



Americas Headquarters
Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
www.cisco.com
Tel: 408 526-4000
800 553-NETS (6387)
Fax: 408 527-0883

Asia Pacific Headquarters
Cisco Systems (USA) Pte. Ltd.
168 Robinson Road
#28-01 Capital Tower
Singapore 068912
www.cisco.com
Tel: +65 6317 7777
Fax: +65 6317 7799

Europe Headquarters
Cisco Systems International BV
Haarlerbergpark
Haarlerbergweg 13-19
1101 CH Amsterdam
The Netherlands
www-europe.cisco.com
Tel: +31 0 800 020 0791
Fax: +31 0 20 357 1100

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