

Cisco Network Planning Solution 2.0

Cisco Network Planning Solution—Service Provider 2.0

PB380721

Product Overview

Cisco® announces the availability of Cisco Network Planning Solution (NPS) 2.0 and Cisco Network Planning Solution—Service Provider (NPS-SP) 2.0.

Cisco NPS and Cisco NPS-SP help enterprises and network service providers optimize network capacity and performance, ensure network resiliency even during unplanned changes, improve application and service continuity, plan for new technology deployments, and validate planned configuration changes. Cisco NPS and Cisco NPS-SP help reduce the risks associated with network growth, migration, and consolidation, strengthening business continuity with minimal operational expense. This includes the ability to predict, avoid, and lessen the effects of costly network and application service disruptions and the confidence to quickly adapt the network to changing business opportunities.

Table 1 describes the new features of Cisco NPS 2.0 and Cisco NPS-SP 2.0, including the Cisco Virtual Network Data Server 2.0

Table 1. New Features

Feature	Description
Multilayer service models	Identify the effects of network failures and congestion on defined services.
Traffic center	A unified interface for organizing, visualizing, and manipulating network traffic data.
MPLS design features (Cisco NPS-SP only)	Model MPLS Traffic Engineering and FRR bypass tunnel generation, MPLS auto bandwidth, and MPLS Fast Reroute Bypass LSP design.
Device configlets support	Enables updating a model with incremental commands instead of full Cisco configuration files. This introduces changes for "what-if" analysis in a manner closer to the real world. It also allows configlets to be preserved for potential application to the operational environment.
Service provider-class device support	Cisco NPS-SP supports modeling and analysis of Cisco IOS XR Software-based devices Cisco Carrier Routing System-1 and Cisco 12000 XR. Cisco VNDS is pre-requisite.
Automation enhancements	Web console for remote Cisco VNDS status monitoring; auto-configuration of device access and collection; support for multiple schedules; group-based reporting; network browser view; performance improvements; additional Cisco and third-party network hardware support.
Network showcase	Enables selective visualization of portions of a network. Easier to see connectivity and neighbor relationships in complex network topologies.
Network whiteboard	Provides dynamic network diagrams for enhanced documentation.
Additional analysis workflows	Service analysis, CDR import for VOIP readiness assessment.

Availability

Cisco NPS 2.0 and Cisco NPS-SP 2.0 will be available beginning December 26, 2006. Customers interested in purchasing these products can place orders through their normal sales channels beginning December 11, 2006.

Ordering Information

Tables 2 and 3 provide ordering information.

Table 2. Ordering Information for Cisco NPS 2.0

Part Number	Description
CNPS-2.0R-K9	Cisco Network Planning Solution 2.0 - Restricted
CNPS-2.0UR-K9	Cisco Network Planning Solution 2.0 - Unrestricted
CNPS-2.0UP-LC	Cisco Network Planning Solution 2.0 - Upgrade from Restricted to Unrestricted
CNPS-NVM-2.0R-LC	Cisco NPS-Network Validation Module 2.0 - 1 Restricted License
CNPS-NVM-2.0UR-LC	Cisco NPS-Network Validation Module 2.0 - 1 Unrestricted License
CNPS-NVM-2.0UP-LC	Cisco NPS-Network Validation Module 2.0 - Upgrade from Restricted to Unrestricted
CVNDS-2.0-K9	Cisco Virtual Network Data Server - 1 license
CNPS-2.0UP-SPR-K9	Cisco Network Planning Solution Upgrade CNPS-2.0R-K9 to CNPS-SP-2.0R-K9
CNPS-2.0UP-SPUR-K9	Cisco Network Planning Solution Upgrade CNPS-2.0UR-K9 to CNPS-SP2.0UR-K9

Table 3. Ordering Information for Cisco NPS-SP 2.0

Part Number	Description
CNPS-SP-2.0R-K9	Cisco Network Planning Solution-Service Provider 2.0 - Restricted
CNPS-SP-2.0UR-K9	Cisco Network Planning Solution-Service Provider 2.0 - Unrestricted
CNPS-SP-2.0UP-LC	Cisco NPS-Service Provider 2.0 - Upgrade from Restricted to Unrestricted
CVNDS-2.0-K9	Cisco Virtual Network Data Server - 1 license

For More Information

For more information about Cisco Network Planning Solution and Cisco Network Planning Solution—Service Provider, please contact your local account representative, send an e-mail to netwrk-ap-mktg@cisco.com, or visit <http://www.cisco.com/en/US/products/ps6363/index.html>.



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