

# Cisco Network Planning Solution 2.1 and Cisco Network Planning Solution - Service Provider 2.1

PB443586

## Product Overview

Cisco® announces the availability of Cisco Network Planning Solution (NPS) 2.1 and Cisco Network Planning Solution – Service Provider (NPS-SP) 2.1.

Cisco NPS and Cisco NPS-SP help enterprises and network service providers optimize network capacity and performance, analyze network resiliency 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. Cisco NPS and Cisco NPS-SP give enterprises' and network service providers' the ability to predict, avoid, and lessen the effects of costly network and application service disruptions.

Table 1 describes the new features of Cisco NPS 2.1 and Cisco NPS-SP 2.1, including Cisco Virtual Network Data Server (VNDS) 2.1.

**Table 1.** New Features

Feature	Description
<b>Cisco IOS® XR Software 3.4.X support</b>	Support for Cisco CRS-1 and Cisco 12000 Cisco IOS XR Software-based devices
<b>IPv6 readiness assessment and planning support</b>	New IPv6 Planning and Operations Module (optional)
<b>Import and modeling of network latency, loss, and jitter information</b>	From IP service-level agreements (SLA) (requires VNDS) or ASCII files
<b>Import and analysis of class of service (CoS)-based load data</b>	Through CA eHealth and direct collection adapters in VNDS
<b>Interior Gateway Protocol (IGP) metric optimization</b>	The new design action helps users come up with an optimal set of IGP metrics based on user constraints on maximum link utilization.
<b>Quickplan workflows: Tactical tunnel engineering</b>	Optimize one Label Switched Path (LSP) at a time; thereby, allowing selective LSP deployments. Quickly make tactical tunnel engineering decisions to alleviate congestion in the network Analyze network performance before and after the changes Generate configlets for the route changes and new LSPs
<b>Alcatel device support</b>	Alcatel enterprise-class devices: OmniSwitch, OmniStack, and OmniAccess
<b>Juniper device support</b>	NetScreen firewalls (requires VNDS)
<b>64-bit support</b>	Access to 4 GB or more of memory during import and analysis

## Availability

Cisco NPS 2.1 and Cisco NPS-SP 2.1 will be available beginning December 21, 2007. Customers interested in purchasing these products can place orders through their normal sales channels beginning December 6, 2007.

## Ordering Information

Tables 2 and 3 provide ordering information.

**Table 2.** Ordering Information for Cisco NPS 2.1

Part Number	Description
<b>CNPS-2.1R-K9</b>	Cisco Network Planning Solution 2.1 – Restricted
<b>CNPS-2.1UR-K9</b>	Cisco Network Planning Solution 2.1 – Unrestricted
<b>CNPS-2.1UP-LC</b>	Cisco Network Planning Solution 2.1 – Upgrade from Restricted to Unrestricted
<b>CNPS-NVM-2.1R-LC</b>	Cisco NPS – Network Validation Module 2.1 – 1 Restricted License
<b>CNPS-NVM-2.1UR-LC</b>	Cisco NPS – Network Validation Module 2.1 – 1 Unrestricted License
<b>CNPS-NVM-2.1UP-LC</b>	Cisco NPS – Network Validation Module 2.1 – Upgrade from Restricted to Unrestricted
<b>CVNDS-2.1-K9</b>	Cisco Virtual Network Data Server – 1 license
<b>CNPS-2.1UP-SPR-K9</b>	Cisco Network Planning Solution Upgrade CNPS-2.1R-K9 to CNPS-SP-2.0R-K9
<b>CNPS-2.1UP-SPUR-K9</b>	Cisco Network Planning Solution Upgrade CNPS-2.1UR-K9 to CNPS-SP-2.0UR-K9
<b>CNPS-V6M-2.1R-LC</b>	Cisco NPS IPv6 Planning & Operations Module 2.1 Restricted License
<b>CNPS-V6M-2.1UR-LC</b>	Cisco NPS IPv6 Planning & Operations Module 2.1 Unrestricted License
<b>CNPS-V6M-2.1UP-LC</b>	Cisco NPS IPv6 Planning & Operations Module 2.1 – Upgrade from Restricted to Unrestricted

**Table 3.** Ordering Information for Cisco NPS-SP 2.1

Part Number	Description
<b>CNPS-SP-2.1R-K9</b>	Cisco Network Planning Solution – Service Provider 2.1 – Restricted
<b>CNPS-SP-2.1UR-K9</b>	Cisco Network Planning Solution – Service Provider 2.1 – Unrestricted
<b>CNPS-SP-2.1UP-LC</b>	Cisco NPS-Service Provider 2.1 – Upgrade from Restricted to Unrestricted
<b>CVNDS-2.1-K9</b>	Cisco Virtual Network Data Server – 1 license
<b>CNPS-V6M-2.1R-LC</b>	Cisco NPS IPv6 Planning & Operations Module 2.1 Restricted License
<b>CNPS-V6M-2.1UR-LC</b>	Cisco NPS IPv6 Planning & Operations Module 2.1 Unrestricted License
<b>CNPS-V6M-2.1UP-LC</b>	Cisco NPS IPv6 Planning & Operations Module 2.1 – Upgrade from Restricted to Unrestricted

## 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](mailto:netwrk-ap-mktg@cisco.com), or visit <http://www.cisco.com/go/nps>.



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