CiscoWorks QoS Policy Manager 4.0

PB395737

Product Overview

CiscoWorks QoS Policy Manager (QPM) provides centralized management of quality of service (QoS) policy creation, validation, deployment, and monitoring to enable the secure and predictable delivery of business applications, such as video, voice over Internet Protocol (VoIP), and critical data center applications.

Designing, deploying, and monitoring QoS is a complex process that requires enterprise-grade automation. CiscoWorks QPM provides network administrators with comprehensive QoS provisioning and monitoring capabilities allowing them to manage and fine-tune the delay, delay variation (jitter), bandwidth, and packet loss parameters required for successful end-to-end deployment and optimal utilization of network resources. The end result is networkwide intelligent, consistent, and sophisticated QoS that allows performance protection for voice, video, and Internet business applications while reducing costs and optimizing the utilization of network resources.

Table 1 lists the features of CiscoWorks QPM.

Table 1.   CiscoWorks QPM Features

Feature	Description
QoS provisioning	• Significantly reduces cost and time required for efficient design and deployment of QoS across thousands of devices and hundreds of thousands of interfaces, on a broad range of Cisco® routers and switches • Alleviates the need for scarce expertise by abstracting the complexity of QoS technology and providing high-level knobs such as QoS Policy Templates to automate the process of configuring QoS without error and with consistency
QoS monitoring	• Provides visibility into the performance of converged network applications on an ongoing basis • Ensures compliance of applications with QoS • Alerts users of QoS violations such as user-defined threshold excesses • Analyzes the impact of applied QoS policies on Cisco Unified Communications

New Features

CiscoWorks QPM 4.0 is a major release that introduces the following new features:

- Significant platform upgrades (new Solaris version, Windows 2003, CiscoWorks Common Services Software 3.0.5, import from the Device Credentials Repository (DCR), compatibility with CiscoWorks LAN Management Solution 2.5.1/2.6)

- Availability of monitoring only mode

- Thresholding setting and threshold violation alerting capabilities

- New QoS features—hQoS, NBAR PDLM, VC bundle, time-based access control list (ACL)

- Simplified high-level workflows for network selection, QoS provisioning, QoS monitoring, reporting

- Up-to-date comprehensive device/OS upgrade support package, including support of all QoS command-line interfaces (CLIs) of all Cisco routers except for the high end and all Cisco Catalyst® switches at the current OS level

Availability

CiscoWorks QoS Policy Manager 4.0 begins shipping in March 2007.

Ordering Information

Table 2 lists ordering information for CiscoWorks QPM 4.0.

Table 2.   Ordering Information for CiscoWorks QPM 4.0

Product Description	Part Number
QPM combined (configuration and monitoring) base license, includes 500 managed nodes	QPM-4.0-COMB-K9
QPM monitoring-only base license, includes 500 managed nodes	QPM-4.0-MON-K9
QPM incremental core license for 500 managed nodes	QPM-4.X-INCR-500
QPM incremental core license for 1000 managed nodes	QPM-4.X-INCR-1000
QPM incremental core license for 2000 managed nodes	QPM-4.X-INCR-2000
QPM upgrade from monitoring-only to combined (configuration and monitoring) base license	QPM-M2C-UPGR-K9
QPM upgrade from 3.x version to combined (configuration and monitoring) 4.x base license	QPM-3TO4-UPGR-K9
QPM SMB (configuration and monitoring) base license, includes 20 managed nodes – not upgradeable	QPM-4.0-SMB-K9
QPM incremental core license for 500 managed nodes	QPM-4.X-INCR-500=
QPM incremental core license for 1000 managed nodes	QPM-4.X-INCR-1000=
QPM incremental core license for 2000 managed nodes	QPM-4.X-INCR-2000=

For More Information

For more information about CiscoWorks QoS Policy Manager, visit http://www.cisco.com/go/qpm, contact your local account representative, or visit ask-qpm-pm@cisco.com.