

CiscoWorks Quality of Service Policy Manager 4.1

PB482027

Product Overview

CiscoWorks Quality of Service Policy Manager (QPM) provides centralized management of quality of service (QoS) policy creation, validation, deployment, and monitoring to facilitate the secure and predictable delivery of networked services, such as business applications, video, voice over Internet Protocol (VoIP), Cisco TelePresence®, and other networked 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	Benefits
QoS provisioning	<ul style="list-style-type: none"> 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 Abstracts the complexity of QoS technology through features such as QoS Policy Templates and QoS Policy Wizards to automate the process of configuring QoS and delivering consistent application behavior Customizable quick view dashboard for at-a-glance summary of QoS policy deployment status, performance threshold violations, and network change events
QoS monitoring	<ul style="list-style-type: none"> Performs real-time and historical monitoring of application traffic Measures traffic throughput for top applications and service classes Troubleshoots problems by providing real-time and historical QoS feedback Helps ensure 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 Validates network configuration changes against defined QoS policies

New Features

CiscoWorks QPM 4.1 introduces the following new features:

- Server support for Solaris10 and VMware ESX 3.0.1 and 3.5
- Client support for Microsoft Windows Vista
- Coexistence with CiscoWorks LAN Management Solution (LMS) 3.1
- Continued integration support with Cisco Access Control Server 4.1

- Utilizes CiscoWorks Common Services 3.2, including:
 - Support for SNMPv3 NoAuthNoPriv, AuthNoPriv, and AuthPriv
 - Support for secondary Device Credentials Repository
 - Support for SSHv2
- Integration with CiscoWorks Network Compliance Manager (NCM) 1.3 for QoS policy change reporting and impact analysis.
- New usability enhancements, including a user interface based on Cisco User Experience Standards.
- Customizable dashboard: You can customize the layout and content of the CiscoWorks QPM dashboard page.
- New northbound APIs for threshold management and event management.
- New Cisco TelePresence QoS Policy Templates: CiscoWorks QPM will walk users through the configuration of Cisco TelePresence specific QoS policies and monitoring thresholds for circuit utilization and class utilization to help optimize Cisco TelePresence deployments.
- Support for real-time and historical Cisco network-based application recognition (NBAR) protocol discovery monitoring for traffic baselining to separately monitor the application traffic inbound and outbound from device interfaces.
- Support for port QoS monitoring: Provides monitoring capabilities on a per port basis. Both real-time charts and historical monitoring charts are displayed to provide the QoS statistical information on a per port basis for supported devices.
- Support for ATM PVC monitoring: Real-time and historical monitoring of ATM multipoint subinterfaces with virtual circuits and permanent virtual circuits (PVCs). Users can select virtual-circuit and PVC bundles configured on the interface for monitoring.
- Support for monitoring of child policies: Users can monitor the interfaces based on the child policy available under a parent policy deployed on the interfaces.

Availability

CiscoWorks QoS Policy Manager 4.1 will be available for order on September 16, 2008.

Ordering Information

Table 2 lists ordering information for CiscoWorks QPM 4.1.

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Product Description	Part Number
QPM combined (configuration and monitoring) base license, includes 500 managed nodes	QPM-4.1-COMB-K9
QPM monitoring-only base license, includes 500 managed nodes	QPM-4.1-MON-K9
QPM incremental core license for 500 managed nodes	QPM-4.1-INCR-500
QPM incremental core license for 1000 managed nodes	QPM-4.1-INCR-1000
QPM incremental core license for 2000 managed nodes	QPM-4.1-INCR-2000
QPM upgrade from monitoring-only to both configuration and monitoring base license	QPM-4.1-M2C-UPGR
QPM upgrade from 3.x version to both configuration and monitoring 4.0 base license	QPM-3TO4-UPGR-K9
QPM SMB (configuration and monitoring) base license, includes 20 managed nodes – not upgradeable	QPM-4.1-SMB-K9

QPM incremental core license for 500 managed nodes	QPM-4.1-INCR-500=
QPM incremental core license for 1000 managed nodes	QPM-4.1-INCR-1000=
QPM incremental core license for 2000 managed nodes	QPM-4.1-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 send an email to ask-qpm-pm@cisco.com.



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Cisco has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the Cisco Website at www.cisco.com/go/offices.

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