

CiscoWorks VPN/Security Management Solution Monitoring Center for Performance, Version 2.0

The Monitoring Center for Performance 2.0 component, within the CiscoWorks VPN/Security Management Solution (VMS), is a web-based tool for monitoring and troubleshooting the health and performance of services that contribute to enterprise network security. The Monitoring Center for Performance enables users, without requiring expertise with IPSEC or other security technologies, to increase service availability by isolating, troubleshooting significant events in their network as they occur.

The Monitoring Center for Performance can monitor and troubleshoot health and performance of:

- Cisco VPN Concentrators
- Cisco VPN Routers
- Cisco PIX Firewalls
- Cisco Catalyst Firewall Service Modules
- Cisco Catalyst VPN Service Modules
- Cisco Catalyst CSM Service Modules
- Cisco Catalyst SSL Service Modules

The Monitoring Center for Performance increases overall VPN and Firewall availability, by providing fault analysis. The software also increases operational efficiencies in reduced time to identify and correct system failures, by providing automated delivery of alerts. By taking advantage of the real time monitoring functionality, the operator can:

- Monitor the status of all the VPN's and VPN-related aspects of all devices provisioned through the CiscoWorks VMS Management Centers respectively for Firewalls and VPN Routers, or directly via the Cisco VPN3000 Device Manager.
- Graphically illustrate the correlation between various metrics associated with active VPNs
- On a per device basis, identify all the networks and users connected by VPNs
- Monitor the real time device statistics of Firewalls
- Receive early notification of system failures

The Monitoring Center for Performance is a component of the CiscoWorks VPN/Security Management Solution (VMS). CiscoWorks VMS is an integral part of the SAFE blueprint and combines web-based tools for configuring, monitoring and troubleshooting:

- Virtual Private Networks (VPN)
- Firewalls



- Network Intrusion Detection Systems (IDS)
- Host-based IDS

CiscoWorks VMS addresses the needs of both small- and large-scale VPN and security deployments by protecting productivity gains and reducing operating costs for organizations.

Intended Use

The Monitoring Center for Performance is ideal for enterprises with needs for ongoing operational management of security & content infrastructure. These customers range from small-to-medium and large enterprises, to large IT data centers.

Features and Benefits

Table 1 summarizes the features and benefits of Monitoring Center for Performance 2.0.

Table 1 Features and Benefits

Feature	Benefit
Real Time Monitoring of VPNs, Firewalls, Content and SSL.	Saves time and resources in daily operations by providing instant view of VPN tunnel status, structure and activity.
Historical Reporting of VPNs, Firewalls, Content and SSL	Enables improved capacity planning for determining organizational infrastructure needs in IT.
Troubleshooting of VPN, FW security devices.,	Saves time in troubleshooting security device availability..
Fault and performance threshold event notifications via syslog, trap, or e-mail.	Provides upper layer network management systems and operations support systems integration for analysis

Supported Cisco Devices

Table 2 Series: Devices supported

Series: Devices Supported	Software Version
Cisco VPN Concentrators: Cisco 3000 Concentrator series	3.0 and later
Cisco VPN Routers: 800, 900, 1600, 1700, 2600, 3600, 7400	IOS 12.2(8)T and later for 800,1700,2600,3600 IOS 12.x on 7400 and 3700 IOS 12.1 (8)E and later 7100 and 7200
Cisco PIX Firewalls: PIX 501,505,515,520,535	PIX 6.0 and later
Cisco Catalyst 6500 Services Module: Firewall Service Module	1.1(1) and 1.1(2) with IOS 12.2 (14)SY, 12.1(13)E and later
Cisco Catalyst 6500 Services Module: VPN Service Module	IOS 12.2(14)SY
Cisco Catalyst 6500 Services Module: Content Switching Module	CSM 3.1 with IOS 12.1(13)E and later

Table 2 Series: Devices supported (Continued)

Series: Devices Supported	Software Version
Cisco Catalyst 6500 Service Module: SSL Module	1.1(1) with IOS 12.1(13)E and later 1.2 with IOS

System Requirements

The Monitoring Center for Performance server software is currently supported on Solaris systems only. For comprehensive hardware and operating requirements, refer to the CiscoWorks VMS Product Overview at:

<http://www.cisco.com/go/cwvms>.

Ordering Information

The Monitoring Center for Performance is available exclusively as part of the CiscoWorks VPN/Security Management Solution (VMS). For ordering details, please consult the CiscoWorks VMS Product Bulletin at:

<http://www.cisco.com/go/vms>

For More Information

See <http://www.cisco.com/go/vms> for more information about CiscoWorks VMS or email cisoworks@cisco.com



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