CiscoWorks Network Compliance Manager 1.6

PB621897

Product Overview

CiscoWorks Network Compliance Manager (NCM) tracks and regulates configuration and software changes throughout a multivendor network infrastructure. It provides superior visibility into network changes and can track compliance with a broad variety of regulatory, IT, corporate governance, and technology requirements. NCM helps IT staff identify and correct trends that could lead to problems such as network instability and service interruption.

New Features

NCM 1.6 includes the following new features:

- **Task templates:** Task templates allow users to save all desired parameters of an existing or new task into templates that can be used as starting points for executing future NCM tasks.

- **Task "Quick Launch":** A new task quick launch feature has been introduced to facilitate one-click launches of predefined NCM tasks. A Quick Launch menu section has been included in the "My Workspace" area for easy access to these user-defined one-click tasks.

- **View configuration enhancements:** Large device configurations can span hundreds or even thousands of lines, making it difficult to find the configuration section of interest. NCM now supports the use of expandable/collapsible sections within the configuration for easy viewing of specific areas of the configuration. Configuration sections have a hover over feature to allow you to view details of each section with a simple mouse cursor move over the Section tab. Not all devices support this feature currently. The functionality must be supported on a driver-by-driver basis. Upon initial release, only the most popular Cisco devices are supported.

- **Create device groups from a CSV File:** For bulk device group creation, use a comma-separated value (CSV) file such as an Excel spreadsheet as an input source for device groups. A CSV file is a more efficient means to import device groups into the NCM application than using the UI.

- **Search for device uptime information:** New device search fields including "Uptime" and "Uptime Stored Date" are now available. When you display device reports using the search mechanism, the length of time devices have been up and running is now available. The source of this data is the device boot diagnostic information.

- **Policy to device association improvements:** Determining what policies are applicable to a given device is much easier to determine now. In an enhanced view of a device, you can easily see and edit policies or policy rules from a list that is specifically relevant to the device under review. The policy list in this view is in the context of a specific device, hence it is a natural way of managing policy definitions. In addition, for all policies that are failing for the selected device, a link will be provided to directly review the event details of the policy failure.

- **Custom device data CLI enhancements:** The ability to edit and add multiple custom fields using the command-line interface (CLI) for a given device is now available. Previously, the CLI allowed only one custom field edit at a time. This has been extended so that in one comma-separated list, you can now add multiple custom fields in a single command.

- **Port scan task enhancements:** A new diagnostic task called Port Scan is now available. This task stores port scan information as diagnostic information that can be reviewed and processed in a variety of ways.
- **SFTP/FTP support:** SFTP is a new transfer protocol option supported in NCM 1.6. Edit devices so that they may transfer data through an SFTP or FTP server, as well as the existing mechanisms.
- **Password management enhancements:** Additional NCM access password policy enforcement capability has been added. These optional settings include requirements to change user password on next login, user restriction on password change, user password expiration, and user lockout. All options are off by default.
- **Extended maximum number of models associated with software image set:** Software images used to have a limit on the number of device models that could be associated with the image. This limitation is now lifted and a virtually unlimited number of models may be associated with a single software image.
- **Native 64-bit support:** NCM 1.6 supports native 64-bit in Solaris, Windows, and Red Hat Linux. This platform support dramatically extends performance as the full 64-bit memory architecture is now utilized. For Windows environments, a fresh install is required on Windows 2008 to fully utilize the 64-bit architecture. Upgrades of legacy installs on Windows 2003, even on a 64-bit OS, will run in 32-bit emulation mode. For Solaris (Solaris 10) and Linux (Red Hat 5 Enterprise), upgrades are available to move to full 64-bit environments.
- **Windows Server 2008 support:** NCM 1.6 is supported on Windows Server 2008. Take advantage of the new flexibility, capabilities, and security of Windows Server 2008, as well as 64-bit on Windows, while maintaining interoperability with the NCM 1.6 product in 64-bit mode.
- **Oracle 11g support:** Oracle 11g is now supported as an interoperable database with NCM. Take advantage of the new flexibility and capabilities of Oracle 11g while maintaining interoperability with the NCM product.
- **Microsoft SQL Server 2008 support:** Microsoft SQL Server 2008 is now supported as an interoperable database with NCM. Take advantage of the new flexibility and capabilities of Microsoft SQL Server 2008 while maintaining interoperability with the NCM product.
- **NNMi integration enhancements:** Integration improvements between NCM and Network Node Manager have been extended into NCM 1.6.
- **Satellite support on Red Hat 5:** Satellites are supported on the Red Hat Enterprise Linux 5 server.

Availability

NCM 1.6 is orderable beginning October 7, 2010, and begins shipping on October 14, 2010. NCM 1.6 can be ordered through regular sales channels. NCM 1.6 is also available for evaluation at http://www.cisco.com/go/nmsevals.

The latest NCM service packs and incremental device driver updates can be downloaded from http://tools.cisco.com/support/downloads/go/Redirect.x?mdfid=280594420.

Licensing

CiscoWorks NCM 1.6 is licensed on the number of nodes under management. Customers must purchase the NCM core software and incremental license bundles as needed to achieve the total number of required node licenses.

The high availability (HA) or horizontal scalability (HS) deployment option available for NCM requires additional licensing. Customers wishing to use this option must purchase the NCM HA/HS Software Media Kit and HA/HS license bundles to achieve the total number of required node licenses. This total should match the number of standard node licenses purchased.

NCM satellites are optional and require the purchase of an NCM Satellite Media Kit and license for each deployed satellite.

CiscoWorks NCM Alert Center is an optional subscription service that requires purchase of the Alert Center core software and the incremental Alert Center license bundles to achieve the total number of required node licenses. Alert Center subscriptions are valid for one year and need to be repurchased each year to maintain access to the service.

Ordering Information

Table 1 lists ordering information. CiscoWorks NCM 1.6 is available for purchase through regular Cisco sales and distribution channels worldwide. To place an order, visit the Cisco Ordering Homepage. Table 2 lists upgrade options for NCM.

Table 1.   Ordering Information for CiscoWorks NCM 1.6

Part Number[1]	Product Description
Base Part Numbers	
CWNCM-1.6-CORE-K9[1]	CWNCM 1.6 Core Software Media Kit
CWNCM-1.6-HA-K9[1]	CWNCM 1.6 HA/HS Software Media Kit
CWNCM-1.6-SAT-K9=	CWNCM 1.6 Satellite Software Media Kit and License
Incremental Core Licenses	
CWNCM-1X-INC50[1]	CWNCM incremental core license for 100 managed nodes
CWNCM-1X-INC100[1]	CWNCM incremental core license for 100 managed nodes
CWNCM-1X-INC500[1]	CWNCM incremental core license for 500 managed nodes
CWNCM-1X-INC1K[1]	CWNCM incremental core license for 1000 managed nodes
CWNCM-1X-INC2.5K[1]	CWNCM incremental core license for 2500 managed nodes
CWNCM-1X-INC5K[1]	CWNCM incremental core license for 5000 managed nodes
CWNCM-1X-INC10K[1]	CWNCM incremental core license for 10,000 managed nodes
CWNCM-1X-INC25K[1]	CWNCM incremental core license for 25,000 managed nodes
Incremental High Availability Licenses	
CWNCM-1X-HAINC50[1]	CWNCM incremental high availability license for 50 nodes
CWNCM-1X-HAINC100[1]	CWNCM incremental high availability license for 100 nodes
CWNCM-1X-HAINC500[1]	CWNCM incremental high availability license for 500 nodes
CWNCM-1X-HAINC1K[1]	CWNCM incremental high availability license for 1000 nodes
CWNCM-1X-HAINC2.5K[1]	CWNCM incremental high availability license for 2500 nodes
CWNCM-1X-HAINC5K[1]	CWNCM incremental high availability license for 5000 nodes
CWNCM-1X-HAINC10K[1]	CWNCM incremental high availability license for 10,000 nodes
CWNCM-1X-HAINC25K[1]	CWNCM incremental high availability license for 25,000 nodes
Incremental Alert Center One-Year Subscription Licenses	
CWNCMACS-1X-50=	CWNCM Alert Center 1-Yr Subscription for 50 managed nodes
CWNCMACS-1X-100=	CWNCM Alert Center 1-Yr Subscription for 100 managed nodes
CWNCMACS-1X-500=	CWNCM Alert Center 1-Yr Subscription for 500 managed nodes
CWNCMACS-1X-1K=	CWNCM Alert Center 1-Yr Subscription for 1000 managed nodes
CWNCMACS-1X-2.5K=	CWNCM Alert Center 1-Yr Subscription for 2500 managed nodes
CWNCMACS-1X-5K=	CWNCM Alert Center 1-Yr Subscription for 5000 managed nodes
CWNCMACS-1X-10K=	CWNCM Alert Center 1-Yr Subscription for 10,000 managed nodes
CWNCMACS-1X-25K=	CWNCM Alert Center 1-Yr Subscription for 25,000 managed nodes

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[1] Nonconfigurable variants are also available for the noted part numbers. The nonconfigurable variant part numbers are formed by appending an equal sign (=) to the part number in the table (for example, CWNCM-1.6-CORE-K9=).

Note: 1) For high availability or horizontal scalability deployments of NCM, please contact Cisco Advanced Services for installation and configuration services. 2) NCM Alert Center is an optional subscription component that requires renewal on an annual basis.

Table 2. NCM Upgrade Options

User's Current Release	Has a Current NCM Service Contract?	What to Order for NCM 1.6
Any NCM 1.x release	Yes	Customers can request the appropriate NCM 1.6 media kits at no charge from the Cisco Product Upgrade Tool at http://www.cisco.com/upgrade. See Table 1 for the media kit part numbers.
Any NCM 1.x release	No	Customers can order the NCM 1.6 media kits using normal Cisco sales channels. See Table 1 for the media kit part numbers.

Service and Support

Cisco offers a wide range of services programs to accelerate customer success. These innovative services programs are delivered through a unique combination of people, processes, tools, and partners, resulting in high levels of customer satisfaction. Cisco services help you to protect your network investment, optimize network operations, and prepare the network for new applications to extend network intelligence and the power of your business. For more information about Cisco services, see Cisco Technical Support Services or Cisco Advanced Services.

NCM Collaboration Portal

A new collaboration portal is available for the NCM user community at https://networkautomation.itorigin.net. This portal provides a wealth of information about NCM such as detailed training material, archived Videos on Demand (VODs), discussion forums, NCM virtual machines, and other useful information.

For More Information

For more information about NCM, visit http://www.cisco.com/go/cwncm, contact your local account representative, or send an email to ask-ncm-pm@cisco.com.