



CHAPTER 1

NCM and LMS Co-residency Overview

As a CiscoWorks application, CiscoWorks Network Compliance Manager (NCM) integrates with the extensive features and capabilities of other CiscoWorks products. It also provides cross-launch of various features across CiscoWorks NCM and other CiscoWorks applications such as the LAN Management Solution (LMS) bundle.

Integration features include:

- Importing of detailed network inventory and configuration data from CiscoWorks DCR, ensuring data consistency between the two CiscoWorks products.
- Launching CiscoWorks NCM from the CiscoWorks Home Page, enabling a centralized dashboard for network operations tasks.
- Accessing other CiscoWorks applications from CiscoWorks NCM menus, including CiscoWorks Device Center and CiscoView.

This chapter provides information on:

- [Windows Server Requirements, page 1-1](#)
- [NCM and LMS Co-residency Requirements, page 1-3](#)



Note

NCM co-residency with LMS is only supported on the Windows platform.

Windows Server Requirements

The following tables provide the recommended requirements when installing NCM on a Windows platform. Keep in mind that the application server and the database server can be configured together or separately depending on the size of the network.



Note

You must stop other network management applications, Web servers, databases, and Syslog/TFTP servers running on the same system before installing NCM. Applications include anti-virus (during Setup only) and WWW Publishing Server applications.

Table 1-1 *Requirements for the Application Server on the Windows Platform*

OS	Windows Server 2003 Enterprise Edition (recommended) Windows Server 2003 Standard Edition Windows 2000 Server with SP4 Windows 2000 Advanced Server with SP4
CPU	Intel Xeon or equivalent, 3.0+ GHz
Memory	2 GB RAM
Disk	10 GB, Fast SCSI
Network	100 Mbps Fast Ethernet, full duplex
Applications	Adobe Acrobat Reader 4.0 or higher (for viewing documentation) Microsoft Excel 2000 or higher (for viewing Summary Reports) Microsoft Internet Explorer 5.5 or higher or Mozilla Firefox 1.0 or higher

Table 1-2 *Requirements for the Database Server on the Windows Platform*

Supported Databases	One of the following: <ul style="list-style-type: none"> • Microsoft SQL Server 2000 (SP 2) • Microsoft SQL Server 2005 • MySQL Max 3.23.55 (included with NCM) • Oracle 9.2 (32 bit) • Oracle 10.2
CPU	Intel Xeon or equivalent, 3.0+ GHz
Memory	2 GB RAM
Disk	18 GB, Single Channel RAID, Fast SCSI
Network	100 Mbps Fast Ethernet, full duplex

Table 1-3 *Requirements for the Application and Database on the Same Server on the Windows Platform*

OS	Windows Server 2003 Enterprise Edition (recommended) Windows Server 2003 Standard Edition Windows 2000 Server with SP4 Windows 2000 Advanced Server with SP4
Database	MySQL Max 3.23 (included)
CPU	Dual Processor Intel Xeon or equivalent, 3.0+ GHz
Memory	4 GB RAM

Table 1-3 *Requirements for the Application and Database on the Same Server on the Windows Platform (continued)*

Disk	28 GB, Dual Channel RAID, Fast SCSI
Network	100 Mbps Fast Ethernet, full duplex

**Note**

When installing NCM on a Windows platform, Nmap 3.81 and WinPcap (Windows Packet Capture Library) version 3.1 are required for Nmap scanning when running the Detect Network Devices task.

NCM and LMS Co-residency Requirements

The following are the recommended requirements when you are enabling co-residency of NCM and CiscoWorks LAN Management Solution (LMS):

- Operating System on the Application Server: Microsoft Windows 2003
- Server Hardware: At least a Xeon (or a Dual Core) Processor with 8 GB of RAM.

