



Prerequisites

This chapter describes the factors that you should consider before installing CiscoWorks Small Network Management Solution 1.5 and 1.5.1 (CiscoWorks SNMS 1.5 and 1.5.1) on a Windows system. It contains:

- [Product Overview](#)
- [Server Requirements](#)
- [Client Requirements](#)

Product Overview

CiscoWorks SNMS is a web-based network management solution for small to medium business networks with 40 or fewer Cisco devices.

CiscoWorks SNMS provides a powerful set of monitoring and configuration tools for administering Cisco devices. CiscoWorks SNMS provides you with the following network management applications:

- [CiscoWorks Server \(In CiscoWorks Common Services 2.2\)](#)
- [Resource Manager Essentials 3.5](#)
- [CiscoView 6.0](#)
- [WhatsUp Gold 8.0](#)

CiscoWorks Server (In CiscoWorks Common Services 2.2)

CiscoWorks Server is a part of CiscoWorks Common Services 2.2. It enables you to perform network management administrative tasks, such as, managing user accounts, managing the CiscoWorks database, and starting or stopping CiscoWorks server processes. You can also test device connectivity and reachability, as well as troubleshoot non-responding devices from this page.

Resource Manager Essentials 3.5

Resource Manager Essentials is referred to as either RME or Essentials in all the user documentation.

Essentials is a powerful suite of web-based applications offering network management solutions for Cisco switches, access servers, and routers. The Essentials browser interface allows easy access to information critical to network uptime and simplifies time-consuming administrative tasks.

Essentials is based on a client/server architecture that connects multiple web-based clients to a server on the network.

CiscoView 6.0

CiscoView provides graphical back and front panel views. The dynamic and color-coded graphical displays, simplify device-status monitoring, device-specific component diagnostics, and device configuration.

CiscoView can be launched from the CiscoWorks Desktop; either from Device Center or from WhatsUp Gold.

WhatsUp Gold 8.0

WhatsUp Gold is a third party network management software from Ipswitch, Inc. WhatsUp Gold allows you to monitor devices through a topology map. This allows network discovery, mapping, monitoring, and alarm tracking.

Server Requirements

The minimum system requirements for installing CiscoWorks SNMS 1.5 and 1.5.1 are shown in [Table 1-1](#).

Table 1-1 **Server System Requirements**

| Requirement Type | Minimum Requirements |
|------------------------------------|--|
| System hardware | <ul style="list-style-type: none"> • IBM PC-compatible system with 500 MHz Intel Pentium processor. • Color monitor. • CD-ROM drive. |
| Memory (RAM) | 512 MB. |
| Available drive space ¹ | <ul style="list-style-type: none"> • 2 GB. • Paging file space equal to double the amount of memory (RAM). For example, if your system has 512 MB of RAM, you need 1024 MB of page file. • NTFS file system required for secure operation. • At least 16 MB in Windows temporary directory (%TEMP%). |
| System software ² | <ul style="list-style-type: none"> • Windows 2003 Server (Standard Edition) with Service Pack 1³ • Windows 2003 Server (Standard and Enterprise Edition)³. • Windows 2000 Professional with Service Pack 4³. • Windows 2000 Professional and Server with Service Pack 3. • ODBC Driver Manager 3.5.10. <p>CiscoWorks SNMS 1.5 and 1.5.1 support only US-English and Japanese versions of Windows Operating Systems. It does not support any other language version. Set the default locale to US-English for US-English version and Japanese for Japanese version.</p> |

1. Do not install CiscoWorks SNMS 1.5 and 1.5.1 on a FAT file system.
2. You cannot install CiscoWorks SNMS on a system configured as a primary or backup domain controller. Do not install CiscoWorks SNMS in an encrypted directory. CiscoWorks SNMS does not support directory encryption.
3. This support is only available in CiscoWorks SNMS 1.5.1.

Installation will continue with a warning message on a Windows Advanced Server if the terminal services is enabled with remote admin mode, and aborts when terminal server is enabled in application mode.

**Caution**

Do not use non-standard Java options through the `_JAVA_OPTIONS` environment variable.

Client Requirements

The minimum system requirements for the client are shown in [Table 1-2](#). See the “[Configuring Client Systems](#)” section on [page 2-24](#) for information about configuring client systems.

Table 1-2 *Client System Requirements*

| Requirement Type | Minimum Requirements |
|------------------------------|---|
| System hardware and software | <ul style="list-style-type: none"> • Client system: <ul style="list-style-type: none"> IBM PC-compatible computer with 300 MHz Intel Pentium processor running: <ul style="list-style-type: none"> – Windows 2003 Server (Standard Edition) with Service Pack 1¹ – Windows 2003 Server (Standard and Enterprise Edition)¹ – Windows XP with Service Pack 2¹ – Windows XP with Service Pack 1 – Windows 2000 Professional with Service Pack 4¹ – Windows 2000 Professional and Server with Service Pack 3. <p>CiscoWorks SNMS 1.5 and 1.5.1 support only US-English and Japanese versions of Windows Operating Systems. It does not support any other language version. Set the default locale to US-English for US-English version and Japanese for Japanese version.</p> <ul style="list-style-type: none"> • Color monitor with video card set to 24 bits color depth. |

Table 1-2 **Client System Requirements (continued)**

| Requirement Type | Minimum Requirements |
|------------------|--|
| Memory (RAM) | 256 MB. |
| Browser | <ul style="list-style-type: none">• Microsoft Internet Explorer 6.0 (version 6.0.2600.0000) or Internet Explorer 6.0 with Service Pack 1 (version 6.0.2800.1106)• Java Virtual Machine (JVM) versions 5.0.0.3802², and Java Plug-in version 1.3.1• Install CiscoWorks SNMS 1.5 browser patch on the client machine. See the “Installing the CiscoWorks SNMS Browser Patch” section on page 2-26 for more information.³ |

1. This support is only available in CiscoWorks SNMS 1.5.1.
2. To verify the JVM version, from an Internet Explorer window, select **View > Java Console**.
3. This patch is only available in the CiscoWorks SNMS 1.5.1 CD-ROM.

