



Release Notes for Cisco Wireless Control System Navigator, Release 1.6.172.0

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These release notes describe open and resolved caveats for Cisco Wireless Control System Navigator maintenance release 1.6.172.0.

Cisco Wireless Control System Navigator is referred to as *Cisco WCS Navigator* in this document.

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Introduction

Cisco WCS Navigator manages multiple Cisco WCSs (running the same release as Cisco WCS Navigator) and provides a unified view of the network. Cisco WCS Navigator uses SOAP/XML over HTTPS to communicate with individual WCSs. Cisco WCS Navigator provides monitoring functionality and reporting capability across all WCSs. In addition, network-wide searches are available. In Windows and Linux operating systems, Cisco WCS Navigator runs as a service continuously and resumes running after a reboot.

Cisco WCS Navigator delivers an aggregated platform for enhanced scalability, manageability, and visibility of large-scale implementations of the Cisco Unified Wireless Network. This software-based solution gives network administrators easy access to information from multiple, geographically diverse Cisco WCS management platforms. Cisco WCS Navigator supports partitioning of the unified wireless network at the management level.

Cisco WCS Navigator Features

Cisco WCS Navigator has the following features:

- Management of multiple Cisco WCSs
 - Supports up to 20 Cisco WCS management platforms
 - Management of up to 50,000 Cisco Aironet lightweight access points from a single management console
- A unified view of the network
- Overview and multilevel monitoring of wireless networks
- Ability to run reports for all WCSs
- Network-wide searches
- A link to return to Cisco WCS Navigator when directed to a regional WCS from Navigator

Requirements for Cisco WCS Navigator

This section describes the hardware requirements, client requirements, and the supported operating systems.

Hardware Requirements for Navigator

The following server hardware and software are required to support Cisco WCS Navigator for Windows or Linux operating systems:

- A minimum of 3.2-GHz Intel Dual Core processor with 4 GB of RAM and an 80 GB of hard drive
- A minimum of 40-GB disk space on your hard drive

Up to 20 wireless control systems are supported depending on the Navigator license.

**Note**

For all server levels, AMD processors, which are equivalent to the listed Intel processors, are also supported.

**Note**

The available disk space listed is a minimum requirement but may be different for your system depending on the number of backups.

**Note**

The recommended screen resolution for Cisco WCS Navigator is 1024 x 768 pixels.

Client Requirements

The Cisco WCS Navigator user interface requires Windows Internet Explorer 7 or later releases with the Flash plugin, or Mozilla Firefox 3 or later releases. The Cisco WCS Navigator user interface is tested and verified with the Internet Explorer and Mozilla Firefox web browsers on a Windows platform.

The following web browsers are recommended for best results:

- Windows Internet Explorer 7 or later releases
- Mozilla Firefox 3.0 or later releases

Using a web browser running on Windows Server 2003 to access the Navigator web GUI is not recommended because recommended Windows Server 2003 security settings may result in browsing problems.

The client running the web browser must have a minimum of 1 GB of RAM and a 2-GHz processor. The client device should not be running any CPU or memory-intensive applications.

**Note**

For both Cisco WCS and Cisco WCS Navigator, we recommend a minimum screen resolution of 1024 x 768 pixels.

Supported Operating Systems

The following operating systems are supported:

- Windows Server 2003 SP2 or later releases with all critical and security Windows updates installed. Windows Server 2003 64-bit installations are not supported.

**Note**

Windows Server 2003 32-bit installations provide support for up to 64 GB of RAM if the Physical Address Extension (PAE) is enabled. See the Windows documentation for instructions on enabling this mode.

- Red Hat Linux Enterprise Server 5.x—Only 32-bit operating system installations are supported.

**Note**

Red Hat Linux Enterprise Server 5.x—64-bit operating system installations are not supported.

**Note**

A 32-bit operating system running on 64-bit capable hardware is supported for both Windows and Linux operating systems.

- Windows Server 2003 and Redhat Linux support on VMware ESX 3.0.1 and later releases.

**Note**

VMware must be installed on a system with these minimum requirements:
 Quad CPU running at 3.16 GHz
 8-GB RAM
 200-GB hard drive

**Note**

Individual operating systems running WCS in VMware must follow the specifications for the number of WCSs that you intend to use.

Important Notes

This section describes the operational notes for Cisco WCS Navigator.

WCS and Navigator Compatibility

Cisco WCS and Cisco WCS Navigator must be from the same release in order to be compatible (see [Table 1](#)). Although the release numbers will not be the same, you must verify whether they were part of the same release.

For example, Cisco WCS Navigator 1.0 is compatible with Cisco WCS 4.1, and Cisco WCS Navigator 1.1.x is compatible with any Cisco WCS 4.2.x.

For more information about Cisco wireless software compatibility, see http://www.cisco.com/en/US/docs/wireless/controller/5500/tech_notes/Wireless_Software_Compatibility_Matrix.html.

**Note**

When Cisco WCS Navigator is upgraded to a new version, the corresponding Cisco WCS must also be upgraded to the corresponding new version. For example, if Cisco WCS Navigator is upgraded to version 1.6, Cisco WCS must also be upgraded to the corresponding version 7.0.

**Note**

Ensure that the MAX HEAP SIZE is set to 1024m in the startServer.bat file if you are using MS Windows or startServer.sh file if you are using Linux. If set to a lesser value, it may result in an OutOfMemoryException.

Table 1 **Compatibility Matrix**

Navigator Release Number	WCS Release Number
1.6.172.0	7.0.172.0
1.6.164.3	7.0.164.3
1.6.164.0	7.0.164.0 and 7.0.164.3
1.5.132.0	6.0.132.0

Table 1 **Compatibility Matrix (continued)**

Navigator Release Number	WCS Release Number
1.5.170.0	6.0.132.0
1.5.181.0	6.0.181.0
1.5.202.0	6.0.132.0, 6.0.181.0, and 6.0.202.0
1.4.110.0	5.2.110.0
1.4.130.0	5.2.130.0, 5.2.110.0
1.4.148.0	5.2.148.0
1.3.64.0	5.1.64.0
1.1.62.0	4.2.62.0
1.1.62.11	4.2.62.11, 4.2.62.0
1.1.97.0	4.2.97.0, 4.2.81.0, 4.2.62.11, 4.2.62.0
1.1.110.0	4.2.97.0, 4.2.81.0, 4.2.62.11, 4.2.62.0, 4.2.110.0
1.1.128.0	4.2.97.0, 4.2.81.0, 4.2.62.11, 4.2.62.0, 4.2.110.0, 4.2.128.0
1.0.83.0	4.1.83.0
1.0.91.0	4.1.91.0, 4.1.83.0

Japanese Microsoft Windows Support

With this release, Cisco WCS Navigator can also be used on a server using the Japanese version of Microsoft Windows operating system. Cisco WCS Navigator will run in English.

Adobe Flash Player 9.0.115.0

Adobe Flash Player 9.0.115.0 is required.

Caveats

The following sections list [Open Caveats](#) and [Resolved Caveats](#) for this release. For your convenience in locating caveats in Cisco's Bug Toolkit, the caveat titles listed in this section are taken directly from the Bug Toolkit database. These caveat titles are not intended to be read as complete sentences because the title field length is limited. In the caveat titles, some truncation of wording or punctuation might be necessary to provide the most complete and concise description. The only modifications made to these titles are as follows:

- Commands are in **boldface** type.
- Product names and acronyms may be standardized.
- Spelling errors and typographical errors may be corrected.

**Note**

If you are a registered cisco.com user, see Bug Toolkit on cisco.com at the following website:

<http://tools.cisco.com/Support/BugToolKit/>.

To become a registered cisco.com user, go to the following website:

<http://tools.cisco.com/RPF/register/register.do>

Open Caveats

There are no open caveats in this release.

Resolved Caveats

Table 2 lists the caveats that were resolved from the previous release.

Table 2 **Resolved Caveats**

ID Number	Caveat Title
CSCtg99738	After restoring the database from a previous release, the <i>SuperUser</i> and <i>Admin</i> user permissions were not retained.
CSCtg99720	After a database host with a name that was different from the current one was restored, no license violation event was reported in the License Center.

If You Need More Information

If you need information about a specific caveat that does not appear in these release notes, you can use the Cisco Bug Toolkit to find caveats of any severity. Click this URL to browse to the Bug Toolkit:

<http://tools.cisco.com/Support/BugToolKit/>

If you request a defect that cannot be displayed, the defect number might not exist, the defect might not yet have a customer-visible description, or the defect might be marked Cisco Confidential.

Troubleshooting

For the most up-to-date, detailed troubleshooting information, see the Cisco TAC website at the following location:

<http://www.cisco.com/cisco/web/support/index.html>

Click Wireless and then choose **Products > Wireless > Wireless LAN Management > Unified Wireless LAN Management**.

Related Documentation

For information about installing Cisco WCS Navigator, see the *Cisco Wireless Control System Navigator 1.6.164 Installation Guide*.

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

Subscribe to the *What's New in Cisco Product Documentation* as an RSS feed and set content to be delivered directly to your desktop using a reader application. The RSS feeds are a free service. Cisco currently supports RSS Version 2.0.

This document is to be used in conjunction with the documents listed in the “[Related Documentation](#)” section.

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