



Release Notes for Cisco Wireless Control System Navigator, Release 1.5.196.0

August 2010

These release notes describe open and resolved caveats for the Cisco Wireless Control System Navigator maintenance release 1.5.196.0.

The Cisco Wireless Control System Navigator is referred to as the *Cisco WCS Navigator*.

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Introduction

The Cisco WCS Navigator manages multiple Cisco WCSs (running the same release as Navigator) and provides a unified view of the network. It uses SOAP/XML over HTTPs to communicate with individual WCSs. Navigator provides monitoring functionality and reporting capability across all WCSs. In addition, network-wide searches are available. In Windows and Linux, 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. It supports partitioning of the unified wireless network at the management level.

Cisco WCS Navigator Features

The Cisco WCS Navigator provides:

- Management of multiple Cisco WCSs
 - Supports up to 20 Cisco WCS management platforms
 - Management of up to 30,000 Cisco Aironet lightweight access points from a single management console
- A unified view of the network
- Overview and multilevel monitoring of wireless networks
- The ability to run reports for all WCSs
- Network-wide searches
- A link to return to the Navigator when directed to a regional WCS from Navigator

Requirements for Cisco WCS Navigator

Hardware Requirements for Navigator

The following server hardware and software is required to support Cisco WCS Navigator for Windows or Linux.

- Supports up to 20 wireless control systems depending on the Navigator license.
- A 3.2 GHz Intel Dual Core processor with 4 GB of RAM and an 80-GB hard drive.
- A 40-GB minimum of available disk space on your hard drive.

**Note**

For all server levels, AMD processors 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 is 1024 x 768 pixels for Navigator.

Client Requirements

The Cisco Navigator user interface requires Internet Explorer 7.0 or later releases with the Flash plugin or Mozilla Firefox 3 or later releases. The Cisco Navigator user interface has been tested and verified with Internet Explorer and Firefox 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 2003 to access the WCS web GUI is not recommended because recommended Windows 2003 security settings may cause browsing problems.

The client running the 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

The minimum screen resolution that is recommended for both WCS and Navigator use is 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. 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 size of WCS you intend to use.

Important Notes

WCS and Navigator Compatibility

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



Note When Navigator is upgraded to a newer version, the corresponding WCS must also be upgraded to the corresponding version. For example, if Navigator is upgraded to 1.5, WCS must be upgraded to the corresponding 6.0.

Table 1 **Compatibility Matrix**

Navigator Release Number	WCS Release Number
1.1.62.0	4.2.62.0
1.1.62.11	4.2.62.11, 4.2.62.0
1.1.81.0	4.2.81.0, 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
1.3.64.0	5.1.64.0
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
1.5.132.0	6.0.132.0
1.5.170.0	6.0.132.0 and later
1.5.181.0	6.0.132.0 and later
1.5.196.0	6.0.196.0

Japanese Microsoft Windows Support

This release supports the use of Cisco WCS Navigator on a server running the Japanese version of Microsoft Windows. Cisco Navigator will run in English.

Caveats

The following sections list [Open Caveats](#) and [Resolved Caveats](#) for this software 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 typos may be corrected.



Note

If you are a registered cisco.com user, view 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 resolved caveats in this release.

Table 2 **Resolved Caveats**

ID Number	Caveat Title
CSCtf40315	Users with <i>SuperUser</i> credentials could not expand chart.
CSCtg06954	Data Cleanup on WCS resulted in client count graph discrepancy.

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 more information about troubleshooting, go to the Cisco Support and Documentation website at the following location:

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

Click **Wireless**, and choose **Wireless > Wireless LAN Management > Unified Wireless LAN Management > Cisco Wireless Control System Navigator**.

Related Documentation

For information about Cisco WCS Navigator, see the *Cisco Wireless Control System Navigator 1.1.62 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>

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