Release Notes for Cisco Wireless Control System Navigator 1.5.170.0

Last Revised: November, 2009

These release notes describe open and resolved caveats for the Cisco Wireless Control System Navigator 1.5.170.0

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

Contents

These release notes contain the following sections:

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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.

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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 with the Flash plugin or Mozilla Firefox 3 or later. The Cisco Navigator user interface has been tested and verified with Internet Explorer and Firefox on a Windows platform.

Note Cisco recommends Mozilla Firefox 3.0 or later for best results.

Note Internet Explorer 6.0 is currently supported, but support will be removed in a future release.

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

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

- Red Hat Linux Enterprise Server 5.0, 5.1, and 5.2—Only 32-bit operating system installations are supported.

  Note Red Hat Linux Enterprise Server 5.0 or 5.1—64-bit operating system installations are not supported.

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

- Windows 2003 and Redhat Linux version support on VMware ESX 3.0.1 version and above.

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> **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

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> **Note** Individual operating systems running WCS in VMware must follow the specifications for the size of WCS you intend to use.

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> **Note** The Cisco WCS Navigator supports both Internet Explorer 6.0 and 7.0.

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.

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> **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   Compatiblity Matrix

Navigator Release Number	WCS Release Number
1.0.83.0	4.1.83.0
1.0.91.0	4.1.91.0, 4.1.83.0
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

Table 1   Compatiblity Matrix (continued)

Navigator Release Number	WCS Release Number
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, 6.0.170.0

Japanese Microsoft Windows Support

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

Flash Player Software Version 9.0.115.0

Flash Player software 9.0.115.0 is required for the full WCS benefit.

Caveats

This following sections lists 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 caveats resolved caveats for Cisco WCS Navigator 1.5.170.0.

Table 2   *Resolved Caveats*

ID Number	Caveat Title
CSCsz21323	In a WCS with dual interface, Navigator displays an exception while using a single sign-on if the WCS was added by another interface that is not used for communication.
CSCsz89106	When a customer upgrades from version 1.4 to 1.5, Navigator does not display all columns present on version 1.4 for the AP and controller inventories.
CSCta09210	Navigator shows a Permission Denied error page if the admin or super user tries to configure e-mail notification for WCS failure.

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, refer to the Cisco TAC website at the following location:

http://www.cisco.com/tac

Click **Technology Support**, select **Wireless** from the menu on the left, and click **Wireless LAN**.

Related Documentation

For information on the Cisco WCS Navigator, refer to 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, at:

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

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