



Release Notes for the CiscoWorks Wireless LAN Solution Engine, Release 2.15.3

September 2009

These release notes describe the new features, modifications, and caveats for the CiscoWorks Wireless LAN Solution Engine (WLSE), Release 2.15.3. This maintenance release supports Cisco IOS Release 12.4(21a)JA1 for 32+ MB access point platforms (Cisco Aironet 1130, 1240, and 1250 series access points, 1300 series access point/bridges, and 1400 series bridges) and Cisco IOS Release 12.3(8)JED for 16-MB access point platforms (Cisco Aironet 1100, 1200, and 1230 series access points).

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Java Runtime Environment

To launch Location Manager from WLSE, you should have Java Runtime Environment 1.5 installed on your system.



New Features

WLSE software release 2.15.3 supports these new features:

- Supports upgrading WLSE software releases 2.15, 2.15.1, and 2.15.2 to software release 2.15.3.
- Support for 1140 series access points in standalone mode.
- Support for Cisco Aironet Four-Element Dual-Band Omnidirectional Antennas (AIR-ANT2451V-R).
- Support for these access point firmware images:
 - Cisco IOS 12.4(21a)JA1
 - Cisco IOS 12.3(8)JED

Product Documentation

You can access the WLSE online help by clicking the **Help** button in the top right corner of the screen or by selecting an option, then clicking the **Help** button. You can access the user guide from the online help by clicking the **View PDF** button.

The following product documentation is available for WLSE 2.15.3:

Table 1 Product Documentation

Document Title	Available Formats
<i>Installation and Configuration Guide for the 1030 CiscoWorks Wireless LAN Solution Engine Express</i>	<p>Describes how to install and configure the WLSE Express. Available in the following formats:</p> <ul style="list-style-type: none"> • Printed document included with the product. • PDF on the WLSE Recovery CD-ROM. • On Cisco.com: http://www.cisco.com/en/US/products/sw/cscowork/ps3915/tsd_products_support_install_and_upgrade.html • Printed document available by order (part number DOC-17252=)¹
<i>Installation and Configuration Guide for the 1130-19 CiscoWorks Wireless LAN Solution Engine Express</i>	<p>Describes how to install and configure the WLSE. Available in the following formats:</p> <ul style="list-style-type: none"> • Printed document included with the product. • PDF on the WLSE Recovery CD-ROM. • On Cisco.com: http://www.cisco.com/en/US/products/sw/cscowork/ps3915/tsd_products_support_install_and_upgrade.html • Printed document available by order (part number DOC-17251=)¹

Table 1 Product Documentation (continued)

Document Title	Available Formats
<i>Installation and Configuration Guide for the 1133 CiscoWorks Wireless LAN Solution Engine Express</i>	<p>Describes how to install and configure the WLSE. Available in the following formats:</p> <ul style="list-style-type: none"> • Printed document included with the product. • PDF on the WLSE Recovery CD-ROM. • On Cisco.com: http://www.cisco.com/en/US/products/sw/cscowork/ps3915/tsd_products_support_install_and_upgrade.html • Printed document available by order (part number DOC-17476=)
<i>Regulatory Compliance and Safety Information for the 1030 CiscoWorks Wireless LAN Solution Engine Express</i>	<p>Provides regulatory compliance and safety information for the WLSE Express. Available in the following formats:</p> <ul style="list-style-type: none"> • Printed document included with the product. • PDF on the WLSE Recovery CD-ROM. • On Cisco.com: http://www.cisco.com/en/US/products/sw/cscowork/ps3915/tsd_products_support_install_and_upgrade.html
<i>Regulatory Compliance and Safety Information for the 1130-19 CiscoWorks Wireless LAN Solution Engine</i>	<p>Provides regulatory compliance and safety information for the WLSE. Available in the following formats:</p> <ul style="list-style-type: none"> • Printed document included with the product. • PDF on the WLSE Recovery CD-ROM. • On Cisco.com: http://www.cisco.com/en/US/products/sw/cscowork/ps3915/tsd_products_support_install_and_upgrade.html
<i>Regulatory Compliance and Safety Information for the 1133 CiscoWorks Wireless LAN Solution Engine</i>	<p>Provides regulatory compliance and safety information for the WLSE. Available in the following formats:</p> <ul style="list-style-type: none"> • Printed document included with the product. • PDF on the WLSE Recovery CD-ROM. • On Cisco.com: http://www.cisco.com/en/US/products/sw/cscowork/ps3915/tsd_products_support_install_and_upgrade.html
<i>User Guide for the CiscoWorks Wireless LAN Solution Engine</i>	<p>Describes WLSE features and provides instructions for using it. Available in the following formats:</p> <ul style="list-style-type: none"> • From the WLSE online help. • PDF on the WLSE Recovery CD-ROM. • On Cisco.com: http://www.cisco.com/en/US/products/sw/cscowork/ps3915/products_user_guide_list.html

Table 1 Product Documentation (continued)

Document Title	Available Formats
<i>Upgrading CiscoWorks Wireless LAN Solution Engine Software</i>	<p>Describes the options available and how to upgrade the WLSE system software to release 2.15.3. Available in the following formats:</p> <ul style="list-style-type: none"> From the WLSE online help. On Cisco.com: http://www.cisco.com/en/US/products/sw/cscowork/ps3915/tsd_products_support_install_and_upgrade.html
<i>Read-Me Information for WLSE Release 2.15.2</i>	<p>Describes how to upgrade the WLSE system software to release 2.15.2 and how to obtain documentation. Available in the following format:</p> <ul style="list-style-type: none"> On Cisco.com: http://www.cisco.com/en/US/products/sw/cscowork/ps3915/prod_release_notes_list.html
<i>FAQ and Troubleshooting Guide for the CiscoWorks Wireless LAN Solution Engine</i>	<p>Contains FAQs and troubleshooting information, and provides a table for all the faults displayed under Faults > Display Faults with explanations and possible actions. Available in the following formats:</p> <ul style="list-style-type: none"> From the WLSE online help. On Cisco.com: http://www.cisco.com/en/US/products/sw/cscowork/ps3915/prod_troubleshooting_guides_list.html
<i>Configuring Devices for Management by the CiscoWorks Wireless LAN Solution Engine</i>	<p>Contains procedures for converting non-IOS access points to IOS access points. Available in the following formats:</p> <ul style="list-style-type: none"> On Cisco.com: http://www.cisco.com/en/US/products/sw/cscowork/ps3915/products_installation_and_configuration_guides_list.html
<i>Supported Devices Table for the CiscoWorks Wireless LAN Solution Engine</i>	<p>Lists the devices supported by WLSE. Available in the following formats:</p> <ul style="list-style-type: none"> On Cisco.com: http://www.cisco.com/en/US/products/sw/cscowork/ps3915/products_device_support_tables_list.html
<i>Finding Documentation for the CiscoWorks Wireless LAN Solution Engine</i>	<p>Lists the documents associated with this release of WLSE. Available in the following formats:</p> <ul style="list-style-type: none"> Printed document included with product. PDF on the WLSE Recovery CD-ROM. On Cisco.com: http://www.cisco.com/en/US/products/sw/cscowork/ps3915/products_documentation_roadmaps_list.html

Table 1 Product Documentation (continued)

Document Title	Available Formats
<i>Finding Documentation for the CiscoWorks Wireless LAN Solution Engine Express</i>	Lists the documents associated with this release of WLSE. Available in the following formats: <ul style="list-style-type: none"> Printed document included with product. PDF on the WLSE Recovery CD-ROM. On Cisco.com: http://www.cisco.com/en/US/products/ps6379/products_documentation_roadmaps_list.html
<i>Configuring the CiscoWorks Wireless LAN Solution Engine TACACS+/RADIUS Authentication Using Cisco Secure ACS</i>	Describes the procedure to configure the CiscoWorks Wireless LAN Solution Engine (WLSE) using ACS as a TACACS+/RADIUS authentication module. <ul style="list-style-type: none"> On Cisco.com: http://www.cisco.com/en/US/products/sw/cscowork/ps3915/products_installation_and_configuration_guides_list.html
<i>WLSE Express AAA Server Certificate Configuration Guide</i>	Provides information about public key infrastructure (PKI) and Rivest-Shamir-Adelmann (RSA) certificates, how to generate certificates to be used with the WLSE Express, and how to configure AAA certificates to be used on WLSE-Express. <ul style="list-style-type: none"> On Cisco.com: http://www.cisco.com/en/US/products/ps6379/products_installation_and_configuration_guides_list.html

1. See “Obtaining Documentation, Obtaining Support, and Security Guidelines” section on page 6.

Open Caveats

This section lists the open caveats in WLSE software release 2.15.3.



Note

To obtain more information about known problems, see the Cisco Software bug Toolkit at <http://www.cisco.com/cgi-bin/Support/Bugtool/home.pl>. (You will be prompted to log into Cisco.com.)

- CSCsi46083—The performance inventory job took little longer than the default period setting of 31 minutes, which keeps the WLSE server resource usage at a high level all the time.

This happens when the WLSE server is under stress running with both WLSE 1133 (S27) and WLSE 1130 (S19) and managing the maximum number of supported devices (1500) with SNMPv3 and Radio management enabled in addition to voice traffic.



Note

CPU usage is extremely high (about 90%) when you use SNMPv3.

Workaround: If you use SNMP v3 with a large number of managed devices, set the period for the default Performance Inventory job to 50 minutes or longer to improve the usage of WLSE server resources.

- CSCsu10102—SnmprResponseGenErr seen during WLSE radio scan. This error is only seen the first time the access point is managed by WLSE, while running the Radio scan.

Workaround: Subsequent radio scans work without any error.

Resolved Caveats

These caveats are resolved in WLSE software release 2.15.3:

- CSCsu97151—The Configuration job save page no longer displays a warning message for devices running 12.4(10b)JDA1 software.
- CSCsv65277—Users with limited roles can now export reports.
- CSCsz11360—WLSE no longer sends a request to WDS requesting MFP capabilities for access points when MFP is disabled.
- CSCta72578—Access point configurations are no longer broken when the config is executed with “exit” config.

Obtaining Documentation, Obtaining Support, and Security Guidelines

For information on obtaining documentation, obtaining support, providing documentation feedback, security guidelines, and also recommended aliases and general Cisco documents, 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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