

Ciscoworks Wireless LAN Solution Engine 2.15

PB406333

Product Overview

CiscoWorks Wireless LAN Solution Engine (WLSE) is a network management solution for managing the entire Cisco® Aironet® standalone (autonomous) WLAN infrastructure. CiscoWorks WLSE provides comprehensive radio frequency (RF) and device-management capabilities that simplify WLAN deployment, reduces operational complexity, and provides administrators with expanded visibility into the WLAN. By automating several RF and device-management tasks, CiscoWorks WLSE reduces the operating costs and time needed for WLAN deployment, management, and security of standalone Cisco Aironet access points and wireless bridges.

This product bulletin introduces the new features available with CiscoWorks WLSE Release 2.15.

Table 1 describes the new features available with CiscoWorks WLSE Release 2.15.

Table 1. CiscoWorks WLSE New Features

Feature	Description
SNMPv3 support	<p>CiscoWorks WLSE 2.15 now supports authNoPriv mode for Simple Network Management Protocol Version 3 (SNMPv3) to communicate with Cisco Aironet access points. All access points can be managed via either SNMPv2c or SNMPv3, but not both simultaneously. SNMP Version 3 adds security and remote configuration capabilities to the previous versions of SNMP.</p> <p>Note: CiscoWorks WLSE will support multiple methods to populate SNMPv3 credentials. When importing devices from a file, you can provide SNMPv3 credentials in comma-separated values (CSV) format. When importing devices from other CiscoWorks platforms, CiscoWorks WLSE will retrieve SNMPv2c or SNMPv3 credentials as defined in CiscoWorks. You can also manually populate SNMPv3 credentials for each device range.</p>
Improvements in firmware upgrades procedure	<p>CiscoWorks WLSE now provides an option to erase the Flash memory when scheduling a job. If this option is selected, the entire Flash memory is erased when an image copy is made.</p>
Display of currently logged-in CiscoWorks WLSE users	<p>A new report called Current Logins is now available to display a list of users who are currently logged into the CiscoWorks WLSE. Command line interface (CLI) users will not be displayed. The report will not be restricted to 10 rows. The Current Logins screen includes a Refresh button and also provides a timestamp showing when the information was retrieved.</p>
Ability to disable management of switches	<p>A network administrator can prevent CiscoWorks WLSE from contacting a set of switches by adding the IP address(es) of the switches to a filter. Once entered, CiscoWorks WLSE will not locate those switches or contact them based on their IP addresses.</p> <p>All IP addresses must be entered in order to exclude devices having multiple IP addresses. The filter accepts wildcards and ranges that can be used to avoid typing all individual IP addresses. Discovery and switch port tracing radio monitoring (RM) will use the filter to restrict access to excluded devices.</p>
WPA key rotation feature	<p>This feature enables help desk users to have the limited capability to rotate Wi-Fi Protected Access Pre-shared Key (WPA-PSK) keys in network access points by configuring them in CiscoWorks WLSE.</p>
CLI and GUI options for listing UDI for CiscoWorks WLSE and managed access points	<p>This feature provides the capability to uniquely identify CiscoWorks WLSE and the managed autonomous access points. The CiscoWorks WLSE and the access points Unique Device Identifier (UDI) is retrievable through the CLI and GUI of the CiscoWorks WLSE. The UDI is imprinted in CiscoWorks WLSE and the access points. This information is used for return materials authorization (RMA), inventory control, and Cisco manufacturing processes.</p>
Credential verification report	<p>This feature provides network managers with the capability to identify the managed access points that have credentials different from those maintained on the CiscoWorks WLSE. The network manager can then fix the credentials mismatch before running operations such as image upgrades or configuration template downloads. Only the Telnet or Secure Shell (SSH) Protocol and SNMP credentials are verified.</p>

Upgrade Paths

Customers currently using CiscoWorks WLSE model 1130-19 are encouraged to update their software to CiscoWorks WLSE Release 2.15. Customers using the CiscoWorks WLSE model 1105 will not be able to run Release 2.15 and are encouraged to upgrade to the CiscoWorks WLSE model 1133.

Availability

Customers interested in purchasing the new CiscoWorks WLSE Release 2.15 hardware may place orders in late May 2007 through normal sales channels. A CiscoWorks WLSE Release 2.15 software only upgrade is available for download or through the Product Upgrade Tool at www.cisco.com/upgrade for customers who have an earlier version of CiscoWorks WLSE for models 1130-19 and 1133.

CiscoWorks WLSE contains encryption technologies controlled by the U.S. government, and users who want to download software will be prompted to apply for permission to access the encrypted files.

Ordering Information

Table 2 lists ordering information for the CiscoWorks WLSE Release 2.15.

Important: CiscoWorks WLSE includes strong encryption technology that is restricted for some types of U.S. exports.

Table 2. Ordering Information

Part Number	Description
CWWLSE-1133-K9	CiscoWorks WLSE 2.15 includes the Cisco 1133 hardware platform and WLAN management software 2.15
CWWLSE-2.15SWUP-K9	Software-only upgrade kit for customers with CiscoWorks 1133 running CiscoWorks WLSE 2.x to 2.15

For More Information

For more information about CiscoWorks WLSE, go to: <http://www.cisco.com/go/wlse>.

For more information about Cisco Aironet products, go to: <http://www.cisco.com/go/aironet>.

If you have questions, send e-mail to the CiscoWorks WLSE product marketing group at: cisoworks@cisco.com



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Cisco has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the Cisco Website at www.cisco.com/go/offices.

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