Release Notes for the Cisco Edge 300 Series Switch, Release 1.5

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These release notes include important information about Cisco Edge 300 Software Release 1.5 and any limitations, restrictions, and caveats that apply to this release.

Contents

Supported Hardware

Table 1   Cisco Edge 300 Series Switch Supported Hardware

Switch	Description
CS-E300-AP-K9	Cisco Edge 300 series switch with WiFi and Bluetooth
CS-E300-K9	Cisco Edge 300 series switch
HS-E300-AP-K9[1]	HSJC/Cisco Edge 300 series switch with WiFi and Bluetooth
HS-E300-K9[1]	HSJC/Cisco Edge 300 series switch

Cisco Systems, Inc.
www.cisco.com

1. This model is available only in China.

Central Management and Configuration

The Cisco Edge 300 series switches function exclusively in a Smart Install network. Smart Install is a plug-and-play configuration and image-management feature, which means that once the Cisco Edge 300 series switch is placed in the network and powered on, it can work without a local configuration required.

Smart Install Network

A network using Smart Install includes a group of networking devices, including clients and a server. The server can be a common Layer 3 switch or a router that acts as a director.

All Cisco Edge 300 series switches function as Smart Install client switches in a Smart Install network. End users do not configure the client switches; all switches are centrally configured through a GUI that is installed on a TFTP server and managed by the director.

> **Note** For more information, see the "Configuring the Smart Install Network" chapter in the software configuration guide for this release. For detailed information about Smart Install and the Smart Install director, see the *Smart Install Configuration Guide, Release 12.2(58)SE*.

Applying and Upgrading Images and Configuration Files

> ⚠ **Caution** Before upgrading from software release 1.4 to release 1.5, remove the Factory Mode OS Version and Fonts selections from the GUI and apply the changes. See the "Configuring the Smart Install Network" chapter in the software configuration guide for this release.

When the switch starts up, it connects to the director. If the switch detects any new images or configuration files, it automatically restarts in factory-default mode and then downloads and installs the new images or configuration files.

These are the supported types of image and configuration upgrades:

- Upgrade initiated by the user—For a single client switch that is in the network and connected to the director. The user turns the switch off and on, and then the switch will connect to the director and can detect and download any new image or configuration files. The user can also press and hold the Reset button down for 5 seconds and then release it. The system starts to download and program itself with the configured image and configurations on the TFTP server.

- Upgrade initiated by the administrator—For a single client switch that is in the network and connected to the director. The administrator initiates the upgrade by connecting to the switch, for example, over a Telnet connection.

For more information, see the "Configuring the Smart Install Network" chapter in the software configuration guide for this release.

> **Note** On-demand upgrades and scheduled downloads are not supported. You cannot upgrade switches from the director by using the **write erase** and **reload**, **vstack download-image**, **vstack download-config**, or **archive download-sw** privileged EXEC commands.

Recovering from a Software Failure

For recovery procedures, see the "Troubleshooting" chapter in the software configuration guide for this release.

Software Images

Filename	Description
edge300-1.5.0.tar	Cisco Edge 300 series operating system and Smart Install GUI installation package
md5.txt	md5 of edge300-1.5.0.tar and file in tar ball
smi-usb-sunbird-1.5.0-delivery.tar.gz	Cisco Edge USB Smart Install image

New Software Features in Release 1.5

Release 1.5 introduces the following new software features:

- WiFi client mode—Supports client mode for WiFi and allows you to change WiFi mode between AP and the client by using the local CLI (Clish) and the web GUI. After rebooting, the system will boot up with the specified WiFi mode. Only the necessary commands and GUI items under the corresponding mode are visible. WEP, WPAPSK/WPA2PSK, and WPA/WPA2 Enterprise security mode are supported for the client mode.

- Boot-on power—Supports booting directly when the Cisco Edge 300 series switch is powered on. You do not need to press the power button manually. You can still use the power button to shut down the Cisco Edge 300 series switch and restart it.

- Browser support—Supports Chrome version 21 and Firefox version 17.0.1.

- RESTful API—Provides a set of RESTful APIs to set and obtain status of manageable items of the Cisco Edge 300 series switch. Allows an application to be running either locally on the Cisco Edge 300 series switch or remotely to manage the Cisco Edge 300. The management consists of monitoring system status, configuring system functions, upgrading system image and applications.

- Log file management—Sets maximum value of log size, reads different log files, and clears different logs by Clish, web GUI, and RESTful API.

- Display management—Retrieves HDMI display information through Clish and RESTful API, including manufacture ID, supported resolution set, and current working resolution.

- NTP server setting—Sets the NTP server in the form of the IP address and Fully Qualified Domain Name (FQDN) through the web GUI, Clish and RESTful API.

- IP configuration—Configures IP-related items through the web GUI, Clish, and RESTful API in addition to desktop utility, including IP address, default gateway, and DNS.

- Configuration import and export— Imports and exports a configuration file based on USB disk and local directory for backup and copy.

- Language support—Spanish, Portuguese, Thai, and Traditional Chinese are supported on the web GUI, in addition to English and Simplified Chinese.

Limitations and Restrictions

The Cisco Edge 300 Series switches only support the following 3G dongle models:

- Huawei EC1270, for CDMA2000
- Huawei E261, for WCDMA

Open Caveats

- CSCue17433

  WiFi device may get lost with small possibility.

  The workaround is to unplug the power line and reboot the DUT.

- CSCue39436

  Reboot or halt of the DUT may be failed unexpectedly.

  The workaround is the power cycle of the DUT.

- CSCue39412

  Video conference under WiFi client mode may cause the DSP buffer allocation to fail.

  The workaround is the power cycle of the DUT.

- CSCtq80334

  Ethernet LAN to 11n wireless performance cannot reach 80 mbps.

  There is no workaround.

- CSCtr05376

  Video overlays on mosaic function if there are more than two videos.

  There is no workaround.

- CSCtr31770

  No audio output after switching to the next page of Mosaic in the full screen mode.

  There is no workaround.

- CSCue32448

  Playing video in the full screen mode with flash plug-in may cause screen black.

  The workaround is the power cycle of the DUT.

- CSCtr69972

  System runs into DSP host buffer allocate failed state.

  The workaround is the power cycle of the DUT.

- CSCtr77794

Mouse cursor gets stuck in busy state after accessing some apps.

There is no workaround.

- CSCtz90980

  Tool bar functions and full screen mode of Flash Player does not work properly.

  There is no workaround.

- CSCuc34169

  DUT runs into DSP buffer allocate fail stat while running Mosaic.

  The workaround is the power cycle of the DUT.

- CSCua22437

  It takes long to access web when video conference is activate.

  There is no workaround.

- CSCud99595

  Power outage may cause the usb-disk to be read only, and then the upgrade will not go on.

  There is no workaround.

- CSCue27085

  When playing two video with VLC plug-in, there may be broken noises.

  There is no workaround.

- CSCtz55647

  On-line media (YouTube) gets stuck on desktop after the browser is minimized.

  The workaround is to stop playing the on-line media.

- CSCuc75379

  Radius server configuration failed with Smart Install GUI.

  The workaround is to configure the Radius server by web GUI or Clish.

- CSCue17633

  The Bluetooth keyboard and mouse are not able to be connected.

  The workaround is the power cycle of the DUT.

Resolved Caveats

- CSCtz55601

  After playing the online media, all the applications on the desktop were not able to be launched, and the system prompted "cannot allocate memory."

  The workaround is the manual power cycle of the system.

- CSCty68660

  Chrome failed to be launched after changing the host name.

  The workaround is to delete the singletonlock file and relaunch the Chrome.

- CSCty68687

  Mouse cursor did not move after changing its control to keyboard.

There is no workaround.

- CSCtu04574

  Mosaic GUI does not work after first software upgrade.

  The workaround is to reboot the DUT.

- CSCtu18047

  The switch fails to join the VLC media player multicast group when the source video is looped. And the VLC media player GUI cannot be closed.

  The workaround is to reboot the DUT.

- CSCts44000

  If the VLC application receives a multicast video stream from the VLC server, the VLC application might become unresponsive after several minutes and cannot be closed.

  There is no workaround.

- CSCub98536

  One Cisco Edge 300 series switch was broken after connecting the video conference.

  There is no workaround.

- CSCub98501

  Application icons were disappeared on the tray after changing the language.

  The workaround is to reboot the DUT and then switch the DUT to support the new the language.

- CSCud34072

  Cannot log in to the system with old password by SMI.

  There is no workaround.

- CSCuc57537

  GE port block unexpectedly during throughput test.

  The workaround is the power cycle of the DUT.

Related Documentation

These documents provide complete information about the switch and are available from these Cisco.com sites:

http://www.cisco.com/go/cisco_edge_300

http://www.cisco.com/en/US/products/ps11701/tsd_products_support_series_home.html

- *Cisco Edge 300 Series Switch Software Configuration Guide*
- *Cisco Edge 300 Series Switch Installation Guide*
- *Release Notes for the Cisco Edge 300 Series Switch*

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see *What's New in Cisco Product Documentation* at:
http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html.

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