Release Notes for SPA100 Series Analog Telephone Adapters Firmware Version 1.3.3

Firmware Released: May 2013; Document Revised: July 2015

These Release Notes provide information about SPA100 Series Analog Telephone Adapters firmware version 1.3.3.

IMPORTANT

As with any firmware release, read these release notes before upgrading the firmware. Cisco also recommends backing up the configuration before any firmware upgrade.

Changes in Firmware Version 1.3.3

For the Cisco SPA100 series, the following changes are made in firmware version 1.3.3:

- Improvement in reboot time for SPA122 (increase in RC provisioning speed.)
- User is able to add configurable prefix to syslog (For example: $PN, $MA, etc.)
- SPA reboots upon every resync: This feature reduces unnecessary reboot when the same parameter appears in multiple profile files.
- Use SIP Notify event: When the parameter, <Provisioning Enable> is set to "no", SPA can resync to turn on provisioning remotely.
- Logs over TLS.
- Supports SSL email.
- Enhancement to include MAC address of the device in syslog messages.
- Reports memory (low) availability via syslog.
- FW upgrade using HTTP 302 redirection.
- Caller ID updated while creating a conference.
- Call Hold reminder when the caller makes the second call, while the first call is on hold.
- ATA memory usage displayed on the GUI.

Cisco Systems, Inc.
www.cisco.com

Hardware and Firmware Compatibility Matrix

SPA112/SPA122 (3 types of devices)	SN Range	1.3.5p(XU), 1.3.5p, 1.3.2p	1.3.5(XU), 1.3.5, 1.3.4, 1.3.3, 1.3.2n	1.3.2(XU), 1.3.2 or earlier
Device 1 (128MB Flash + New Si3217x-B SLIC)	SPA112 • CCQ18400001 to CCQ1841033K • After CCQ18500DAE SPA122 • CCQ1834031U to CCQ1834037D • CCQ1847066I to CCQ184707YA • CCQ184902ED to CCQ184904UL • CCQ184904UM to CCQ184904Y3 • CCQ184904Y4 to CCQ184904Y5 • After CCQ185001YH	Yes	No	No
Device 2 (128MB Flash + Old Si3217x-B SLIC)	SPA112 • CCQ175106J3 to CCQ175106OM • CCQ181607OO to CCQ181607U7 • CCQ18240E34 to CCQ18400000 • CCQ1841033L to CCQ18500D9K SPA122 • CCQ174602V3 to CCQ1746030M • CCQ181502B7 to CCQ181502GQ • CCQ182002W3 to CCQ1834031T • CCQ1834037E to CCQ18470660 • CCQ184707YB to CCQ184902EC • CCQ184904UM to CCQ184904UL • CCQ184904Y4 to CCQ184904Y3 • CCQ184904Y6 to CCQ185001YH	Yes	Yes	No
Device 3 (32MB Flash + Old Si3217x-B SLIC)	SPA112: Before CCQ182002W2 SPA122: Before CCQ181805KR	Yes	Yes	Yes

Note Do not upgrade any device to an unsupported firmware version as detailed in the Hardware and Firmware Compatibility Matrix table.

Note 1.3.2p is identical to 1.3.2 and additionally supports 128MB flash and new SLIC.
1.3.2n is based on 1.3.2; both have the same feature set, except that 1.3.2n supports 128MB flash while 1.3.2 does not.
1.3.5p is based on 1.3.5; both have the same feature set, except that 1.3.5p supports new SLIC while 1.3.5 does not.
1.3.5p(XU), 1.3.5(XU), 1.3.2(XU): SRTP functionality has been removed, and it cannot be configured or provisioned in firmware versions that are designated with XU in the filename.

Note New devices have a label that reads *S/W: Must use 1.3.5(004p) or later.*

Resolved Issues

Tracking Number	Description
CSCuf02996	Resync error retry delay is applicable even after profile rule is modified.
CSCue99038	Reset button factory reset is not always effective.
CSCue99016	Web Access Admin Access is disabled from web-GUI but not from config.

Known Issues

Tracking Number	Description
CSCud44154	When profile_rule and profile_rule_b are both changed, the SPA100/200 fails to load first profile rule.
CSCul21696	T38 fax fails with model "Cannon MX850", but successful with other models like Brother FAX 8360P, Xerox WorkCentre Pro 575, Panasonic UF-9000, and HP Officejet 7110.
CSCtq39251	The volume is 2dbm lower than the SPA2102 with default settings.
CSCuf54553	FQDN is required in the profile rule after setting Restricted Access Domains.
CSCul61825	The SPA100/200 series does not support RFC2543 Call Hold. **Note** Re-INVITE message always has the device ip address in its SDP and not 0.0.0.0

Upgrade the Firmware

Follow these instructions to upgrade the phone adapter.

Step 1 Download the latest firmware by using the Firmware link on the following web page:
www.cisco.com/go/smallbizvoicegateways

Step 2 Launch a web browser, and enter the LAN IP addresses of the phone adapter.

Step 3 Log in to the Configuration Utility.

Step 4 Click **Administration** in the menu bar, and then click **Firmware Upgrade** in the navigation tree.

Step 5 Click **Browse** and select the location of the upgrade file that you downloaded.

Step 6 Click the **Upgrade** button to upgrade the firmware.

✎

Note Upgrading the firmware may take several minutes. Until the process is complete, DO NOT turn off the power, press the hardware reset button, or click the Back button in your current browser.

Behavior During Times of Network Congestion

Anything that degrades network performance can affect voice and video quality, and in some cases, can cause a call to drop. Sources of network degradation can include, but are not limited to, the following activities:

- Administrative tasks, such as an internal port scan or security scan
- Attacks that occur on your network, such as a Denial of Service attack

To reduce or eliminate any adverse effects to the devices, schedule administrative network tasks during a time when the devices are not being used or exclude the devices from testing.

Related Information

Support	
Cisco Small Business Support Community	www.cisco.com/go/smallbizsupport
Online Technical Support and Documentation (Login Required)	www.cisco.com/support
Cisco Small Business Support and Resources	www.cisco.com/go/smallbizhelp
Downloads and Documentation	
Firmware	www.cisco.com/go/software
Cisco Small Business Voice Gateways Documentation	www.cisco.com/go/smallbizvoicegateways
Open Source Documentation	Follow the Release Notes link at www.cisco.com/go/smallbizvoicegateways
Cisco Small Business	
Cisco Partner Central for Small Business (Partner Login Required)	www.cisco.com/web/partners/sell/smb
Cisco Small Business Home	www.cisco.com/smb