Release Notes for SPA100 Series Analog Telephone Adapters Firmware Version 1.0.2

December 2011

These Release Notes provide information about SPA100 Series Analog Telephone Adapters firmware version 1.0.2.

Contents

Resolved Issues

Fixed an issue in which upgrades failed when using HTTPS. (CSCtq99268)

Known Issues

Fax Issues

- T.38, NSE passthrough, and multi-page fax transmissions frequently fail. (CSCtr91066, CSCtr91213, CSCts95552)
  Work Around: Retry the transmission.

- T.38 fax fallback to G711 does not work. (CSCtt03632)

- T.38 fax calls fail between two fax machines that are connected to the same SPA122. (CSCtu09175)

Audio Issues

- Audio quality is degraded while a large data file is transferred. (CSCtt00428)
  Work Around: Avoid transferring large data files while on a call.

- There is no audio when a call is made between two IP phones on the SPA122 LAN. (CSCtt46300)

Configuration Issues

- The voice configuration parameters are not restored through the backup and restore functions. (CSCtr63648)

- SIP Transport values are not saved when set through the Interactive Voice Response (IVR) options 1911 and 1921. (CSCtu08446)
  Work Around: Use the web-based configuration utility instead. These settings are on the *Voice > Line1* and *Voice > Line 2* pages, *SIP Settings* section.

- The Remove Last Registration setting (Remove Last Reg=yes) fails to remove the registration from the proxy when the phone reboots or when the IP address of the ATA is changed. (CSCtq50544, CSCtq50650)

- Line registrations may fail when a domain name is used to identify the SIP proxy server. (CSCtr98408)
  Work Around: Enter an IP address to identify the SIP proxy server.

Profile Synchronization Issues

- Even when the "Resync On Reset" parameter is disabled, the unit resynchronizes to the remote profile after every reboot. (CSCts86477)

- After the unit synchronizes to a remote profile, some provisioning parameters cannot be modified within the configuration utility. (CSCtu09224)
  Work Around: Reboot or power-cycle the unit.

- There is an issue with 3CDaemon (a TFTP server daemon), in which resynchronization fails if a file is not found, even when the Resync Fails on FNF parameter is set to *No*. This issue does not occur with other TFTP server daemons. (CSCto71985)
  Work Around: Use another daemon or ensure that the specified files exist on the server. You can update your Profile Rules on the Voice > Provisioning page of the configuration utility.

WAN (Internet) Issues

- Calls cannot be made if the primary DNS server is unreachable. (CSCtu12329)
  Work Around: Ensure that the primary DNS server is stable, or change the DNS server settings to ensure that reliable DNS server is listed as the primary server. See the *Network Setup > Basic Setup > Internet Settings* page.

- When SIP Transport is set to TLS, the ATA cannot connect to the secondary DNS server if the primary server is unavailable. (CSCtr76788)
  Work Around: Change the DNS server settings to ensure that reliable DNS server is listed as the primary server. Alternatively, on the *Voice > Line1* page (PHONE1 port) or the *Voice > Line 2* page (PHONE2 port), *Audio Configuration* section, set **SIP Transport** to **UDP** or **TCP**.

- When one ATA gets its WAN connection through another ATA, a call cannot be established between the phones that are connected to these two devices. (CSCtr30471)

Other Issues

- With some DTMF settings, users may experience issues with tone dialing, as required by interactive customer service lines, for example. (CSCtn94221)
  Work Around: On the *Voice > Line1* page (PHONE1 port) or the *Voice > Line 2* page (PHONE2 port), *Audio Configuration* section, set the **DTMF Tx Method** to **AVT** and set **DTMF Tx Mode** to **Strict**.

- During a call, keypress sounds may be heard, even though neither party is pressing keys on the keypad. (CSCtq17992)

- Auto-recovery fails if the ATA is connected to a switch port with spanning-tree enabled in normal mode. (CSCtr94454)
  Work Around: Configure the switch port in spanning-tree portfast mode, or disable spanning-tree on the switch.

Upgrading 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.

⚠️

CAUTION 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.

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

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