Release Notes for SPA100 Series Analog Telephone Adapters Firmware Version 1.3.2

Firmware Released May 2013

These Release Notes provide information about SPA100 Series Analog Telephone Adapters firmware version 1.3.2.

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.

Contents

Changes in Firmware Version1.3.2

- The SPA112 and SPA122 have successfully passed the MotiveSmart™ Verification Program certifying TR-069 interoperability with the Motive ACS system.

- Added the parameter "SIP Reg Starting Sequence Number" in the Voice > SIP > SIP Parameters menu section. An initial SIP Register message contains a random sequence number. Subsequent SIP Register sequence numbers will increment by 1. A number entered in this field is used as the

starting SIP Registration sequence number. If left blank or a 0 (zero) is entered in the field, then the ATA defaults to use a random number. By default, the field is blank.

- **XML parameter:** <SIP_Reg_Starting_Sequence_Number>

▪ Added the parameters "Syslog Server Transport" and "Debug Server Transport" in the Voice > System > Miscellaneous Setting menu section. These settings allow Syslog and Debug messages to be securely sent over TLS.

- **XML Parameter**: <Syslog_Server_Transport>

- **XML Parameter:** <Syslog_Server_Transport>

- **Valid inputs:**

  UDP
  TLS

▪ Added seven additional SNMP Voice Trap enhancements:

- up/down grade fail

- update config fail

- outbound call fail

- reject incoming call fail

- login fail

- low voice qos

- critical fail

▪ Modified the ATA behavior; when an FXS port is in use, ATA sets the download bandwidth for data to a maximum level of 8 Mbps to ensure QoS for voice traffic.

▪ Modified the ATA behavior; when ATA receives a ReINVITE message that contains "m=fax", it treats the message as a fax call and automatically disable VAD, ECAN, and set non-adaptive Jitter Buffer.

▪ Updated the T.38 fax code to encapsulated/decapsulated CED tone in T.38 packets to improve fax reliability and performance.

Resolved Issues

Tracking Number	Description
CSCuf90879	ATA sent p-station-name twice during registration.
CSCue99058	Fixed an issue configuring DNS SRV. When the primary fails or does not respond, the INVITE is sent to the secondary without the first sending a REGISTER, resulting in the secondary responding with a 403.
CSCud27804	A high-pitch noise is heard with the dial tone when the phone is off-hook.
CSCuf30669	Missing XML Tag <Admin_Access></Admin_Access> added to the SPC Tool.
CSCuf60357	CPC delay and CPC duration settings are not functioning correctly.
CSCua71132	Fixed an issue with RTCP; "Delay since last SR timestamp" is reported incorrectly.
CSCud85109	ATA hangs while performing stress test with SNMP enabled.
CSCtx85615	During fax transmission, FXS Line 1 fails if Line 2 goes off-hook and on-hook.
CSCud58060	ATA fails periodically while sending a v.34 fax in pass-through mode (Method=NSE) to a Cisco gateway.
CSCue45076	ATA sends excessive "NOTIFY event: reserve-trunk" when it receives a SIP 484.
CSCud56919	ATA reports with incorrect firmware version in CDP/LLDP.
CSCuc85936	CWCID does not work correctly with AT&T CL2909 Model Phone.

Release Notes

Tracking Number	Description
CSCud29704	On Line 2, if there is an incorrect tag in the 'To' header, the call fails with a message back from the soft switch '481 Call Leg/Transaction Does Not Exist.'
CSCud56798	ATA hangs occasionally during remote provisioning if CDP is enabled in the configuration file.
CSCud56813	ATA does not disable CDP through remote provisioning even if disabled in the configuration file.

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.

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.

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