

Release Notes for SPA100 Series Analog Telephone Adapters Firmware Version 1.3.1

Firmware Released in December 2012
Release Note updated February 2013

These Release Notes provide information about SPA100 Series Analog Telephone Adapters firmware version 1.3.1.

IMPORTANT:

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

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Changes in Firmware Version 1.3.1

- **Remote Accesses:** Removed the parameter <Enable_Web_Admin_Access> from the XML configuration file. Instead, you can enable or disable web-based access to the ATA by using the parameter <Web_Remote_Management> in the router-configuration section of the XML configuration file.

- **User interface:** Administration > Web Access Management page, Remote Management field
- **XML parameter:** <Web_Remote_Management>
- **Description:** Enables or disables access to the web-based configuration utility through the INTERNET port. Note that this setting takes effect only if the default administrator password has been changed to a new value by using either the web-based configuration utility or the the parameter <Web_Login_Admin_Password>.
- **Valid inputs:**
 - 0—Disables remote access.
 - 1—Enables remote access.
- **Default setting:** 0
- **DHCP Option to Use:** Added support for additional DHCP options.
 - **User interface:** Voice > Provisioning page, DHCP Option to Use field
 - **XML parameter:** <DHCP_Option_To_Use>
 - **Description:** A list of DHCP options, delimited by commas, used to retrieve firmware and profiles. Also configure the Transport Protocol.
 - **Valid inputs:**
 - 66
 - 150
 - 159
 - 160
 - **Default setting:** 66,160,159,150
- **Transport Protocol:** Added this setting.
 - **User interface:** Voice > Provisioning page
 - **XML:** <Transport_Protocol>
 - **Description:** A transport protocol to be used with the specified DHCP Option to Use, to retrieve firmware and profiles. If none is selected, TFTP is assumed and the IP address of the TFTP server is obtained from the DHCP server.
 - **Valid inputs:**
 - tftp

http
https

- **Default setting:** https
- **Keep Referee When REFER Failed:** Added this setting.
 - **User interface:** Voice > SIP page
 - **XML:** <Keep_Referee_When_REFER_Failed>
 - **Description:** Enables or disables sending NOTIFY sipfrag messages on this line. For example, enabling this feature means that if a call transfer fails, the user will remain connected to the caller.
 - **Valid inputs:**
Yes
No
 - **Default setting:** No
- **Caller ID Header:** Added this setting.
 - **User interface:** Voice > SIP page, Caller ID Header field
 - **XML:** <Caller_ID_Header>
 - **Description:** The source where the ATA gets the caller ID, listed in order of preference. If the first-listed field is empty, the next field is used. Different fields are supported by different carriers.
 - **Valid inputs:**

PAID-RPID-FROM

PAID-FROM

RPID-PAID-FROM

RPID-FROM

FROM
 - **Default setting:** PAID-RPID-FROM
- **AVT_Packet_Size:** Added this setting.
 - **User interface:** Voice > SIP
 - **XML parameter:** <AVT_Packet_Size>

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- **Description:** The Audio/Video Transport packet size, in seconds.
- **Valid Inputs:**
ptime—follow the RTP packet size
10ms
- **Default setting:** ptime
- **Modem Line:** Added this setting.
 - **User interface:**
Voice > Line *n* page, Audio Configuration section
 - **XML parameters:**
Line 1: <Modem_Line_1_>
Line 2 (SPA112, SPA122): <Modem_Line_2_>
 - **Description:** Enables or disables optimizing the line for modem use.
 - **Valid inputs:**
Yes—Enables using this line with a modem.
No—Disables using this line with a modem.
Default setting: No
- **Profile Stamp:** Unused setting. Although the <Profile_Stamp_1_> and <Profile_Stamp_2_> parameters appear in the XML configuration file, these parameters are deprecated.

Resolved Issues

Tracking Number	Description
CSCty02369	Updated the IVR to provide the message “Invalid Option” when a user attempts to use the IVR to enable remote access without first replacing the default administrator password via the configuration utility.
CSCtz59136	Fixed an issue in which SNMP traps were not being sent after the firmware was upgraded.

Tracking Number	Description
CSCub16975	Fixed an issue in which a remotely provisioned unit repeatedly contacted the RC server to download the profile, resulting in continuous reboots.
CSCub43538	Fixed an issue in which a user's phone keypad inputs were not recognized by interactive response systems, due to issues with inband DTMF filtering.
CSCub43613	Fixed an issue in which rapid dialing resulted in one-way audio on the call.
CSCub49036	Fixed an issue in which download speed was reduced and there was high packet loss when the upstream bandwidth (QoS setting) was set to 500 kbps.
CSCub66734	Added an informational message to the firmware upgrade page to inform remote user when remote upgrades are disabled.
CSCub68548	Fixed an issue in which calls went through with no audio, after several hours of inactivity in the voice system.
CSCub76127	Fixed an issue in which the IVR prompted for a password even though it was configured not to require a password.
CSCuc19649	Fixed an issue in which the ATA lost registration and became unresponsive due to problems with hostname resolution.
CSCuc19649	Fixed a memory issue that caused the ATA to lose registration and become unresponsive when SNMP was enabled.
CSCuc24784	Fixed a provisioning issue in which username and password changes were not implemented after a resync.
CSCuc76450	Fixed an issue in which Caller ID for forwarded calls showed the forwarded phone's number instead of the caller's phone number.
CSCud16633	Fixed a memory issue that caused the ATA to become unresponsive after several days in operation.

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Tracking Number	Description
CSCud47979	Fixed a memory issue in which the ATA suddenly became unresponsive.

Known Issues

- The static IP address, network mask, and gateway IP address are not successfully changed by using the IVR after disabling DHCP. (CSCtx26394)
Work Around: Retry or use the web-based configuration utility to change the settings.

Upgrading the Firmware

Follow these instructions to upgrade the phone adapter.

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- 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.
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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

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