

Release Notes for Cisco SPA232D Multi-Line DECT ATA and Cisco SPA302D Multi-Line DECT Handset Firmware Version 1.3.1

Firmware Released in December 2012

Release Note updated February 2013

These Release Notes provide information about Cisco SPA232D Multi-Line DECT ATA and Cisco SPA302D Multi-Line DECT Handset firmware version 1.3.1.

IMPORTANT:

As with any firmware release, please read these release notes before upgrading the firmware.

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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>

- **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 |
|-----------------|---|
| CSCub76127 | Fixed an issue in which the IVR prompted for a password even though it was configured not to require a password. |
| CSCuc19649 | Fixed a memory issue that caused the ATA to lose registration and become unresponsive when SNMP was enabled. |
| 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. |
| CSCud47979 | Fixed a memory issue in which the ATA suddenly became unresponsive. |

Upgrading the Firmware

Upgrading the Cisco SPA232D

- STEP 1** Download the latest firmware by using the Firmware link on this web page: www.cisco.com/go/smallbizvoicegateways
- STEP 2** Launch a web browser, and enter the LAN IP addresses of the ATA.
- STEP 3** Log in to the Configuration Utility. (On first use, enter **admin** as the username and the password. After logging in, you should configure a unique password that is hard to guess.)
- 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.

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.

Upgrading the Cisco SPA302D

Perform this procedure after upgrading the Cisco SPA232D and waiting for the ATA to reboot.

NOTE To verify the upgrade, go to the Administration > Firmware Upgrade page, and confirm that the firmware version number is correct.

- STEP 1** On the handset, press the center **Select** button, scroll to **Settings**, and press the **Select** button again.
- STEP 2** In the settings menu, choose **Update Software**, and then press the **Select** button.
- STEP 3** At the **Check for software update** prompt, press **Confirm**.
- STEP 4** Within a moment, the handset displays the current version of software on the handset and the latest software version available from the Cisco SPA232D. Press the **Select** softkey.
- STEP 5** Place the handset in the charging cradle.



CAUTION Do not remove the handset from the charging cradle during the upgrade. Do not power off the handset, charging cradle, or base station, or otherwise interrupt the upgrade process.

The handset erases the flash memory, downloads the new software, and verifies the upgrade data. After the upgrade, a message appears indicating the status of the upgrade (for example, if the upgrade succeeded).

- STEP 6** After the success message appears, press **Reset** to reboot the handset.

If the upgrade fails, press **Reset** to reboot the handset. Check the status lights on the Cisco SPA232D to make sure that it is powered on and functioning. Then repeat the upgrade steps.

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

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| 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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