



Release Notes for Cisco SPA232D Multi-Line DECT ATA and Cisco SPA302D Multi-Line DECT Handset Firmware Version 1.3.2n

Firmware Released: October 10, 2014

Document Revised: July 18, 2015

These Release Notes provide information about Cisco SPA232D Multi-Line DECT ATA and Cisco SPA302D Multi-Line DECT Handset firmware version 1.3.2n.

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 1.3.2n from 1.3.2

- Firmware version 1.3.2n has the same feature set as 1.3.2 with the exception of support for 128MB flash.

Handset SPA302D Software Upgrade

- If SPA232D is on 1.3.2n, its associated handset SPA302D software should be upgraded to 2.50 for compatibility.
- Only one handset SPA302D software can be upgraded at a time. That is, register one handset to SPA232D and upgrade its software, then do the same operation on the next SPA302D after the previous unit completes upgrade. If multiple SPA302D handsets try to upgrade simultaneously, the “System Busy ...” prompt displays on the handset LCD.
- The user is recommended to factory reset SPA232D and SPA302D after a downgrade from 1.3.3 to 1.3.2. Also, the user should factory reset the SPA302D from software 2.62 to 2.50. If the device is new, the factory reset operation is not necessary.



Hardware and Firmware Compatibility Matrix

| SPA232D (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 or earlier |
|---|----------------------------|-------------------------------|---|---------------------|
| Device 1 (128MB Flash + New SLIC) | After CCQ1906001V | Yes | No | No |
| Device 2 (128MB Flash + Old SLIC) | CCQ17100G3L to CCQ1906001U | Yes | Yes | No |
| Device 3 (32MB Flash + Old SLIC) | Before CCQ17100FS0 | Yes | Yes | Yes |


Note

1.3.2p is identical to 1.3.2 and additionally supports 128MB flash and new SLIC.
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

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


Note

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

Resolved Issues

The 1.3.2 release is not compatible with 128MB. For a fix, refer to the following table.

| Tracking Number | Description |
|-----------------|---|
| CSCur18483 | 1.3.2 release not compatible with 128MB flash |

Known Issues

Due to CSCug32425, when upgrading the SPA232D loaded with v1.3.1 (or a previous firmware version), it is required to upgrade the SPA232D v1.3.2n firmware twice if provisioning the device via the Upgrade Rule to correctly upgrade to the corresponding embedded SPA302D handset software. A special version of SPA232D firmware has been created to be used to perform the first upgrade while the second upgrade can use SPA232D_SPA302D_1.3.2n_014_FW.bin which then installs the SPA302D handset software correctly.

This is not an issue while upgrading the SPA232D firmware via the web-based configuration utility, as the SPA232D needs to be upgraded only once.

Upgrade the Firmware

Upgrade the Cisco SPA232D

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 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.



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.

Upgrade the Cisco SPA302D

Perform this procedure after you upgrade the Cisco SPA232D while you wait 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.

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- 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.

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 |

Support

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 |

Obtaining Documentation and Submitting a Service Request

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78-21258-01