

Release Notes for SPA3102 Firmware Version 5.1.10

January 2009

These Release Notes describe the new features and enhancements in the SPA3102 firmware version 5.1.10.

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Changes Since SPA3102 Firmware Version 5.1.7

New features were added, and problems were fixed.

New Features

The following new features were added.

- Added hairpinning support for UDP. No UI changes required.

Other Updates

The following problems were fixed in firmware version 5.1.10:

- Corruption reboot problem

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- Missing '*' and '#' in on-hook caller-id number generation
- Spurious reboot on resync for customized units with read-only parameters and value mismatch
- Changes in QoS settings were not applied when QoS policy was set to "Always On."
- A tag was added to the To header when a unit retried a refresh SUBSCRIBE after a failure (such as 481 response).
- T.38 media proxy failed to relay T.38 packets, if media proxy changed after Re-INVITE to T.38, and endpoint was behind NAT.
- A change in the <FAX CED Detect Enable> and <FAX CNG Detect Enable> did not take effect. (CSCse33286)
- FAX failures were reported when the caller was a PC-FAX-Modem.
- Setting <INVITE Expires> and <ReINVITE Expires> to 0 did not remove the Expires header from outbound INVITE and reINVITE SIP messages. (CSCsc23750 and CSCsc74976)
- Manual Accept Media Loopback failed. (CSCso70560)
- Using Line 1 to dial out from the FXO port caused an existing VoIP-PSTN call on the FXO port to disconnect. (CSCso66546)
- IP dialing while entering Feature Dial Services causes the unit to reboot. (CSCsj91307)
- Web pages were not loading properly when the administrative web server was accessed over a slow DSL connection. (CSCsm67258)
- When a VoIP call was forwarded to the PSTN and then ended by the PSTN participant, the VoIP call stayed connected. CSCsh60792
- Setting <PSTN Dialing Delay> = 0 caused a VoIP-to-PSTN call to fail. (CSCse88063)
- The unit did not recognize that the PSTN Line was disabled and would not allow the user to invoke the IVR. (CSCsh74807)
- Event and Contact headers were missing from NOTIFY keep alive messages (CSCso99162 and CSCsm87950)
- In the MOH invite, the From field in the SIP INVITE was blank. (CSCsu65857)

- A phone rebooted when it received a SIP request (such as a BYE) from the peer while it had an outbound INVITE transaction pending a final response from the same peer.
- The maddr value was missing from a Contact header with a very long URI parameter. (CSCsv29134)
- The unit ignored SIP messages w/ unknown header names and name length greater than 31 characters as bad messages (CSCsu67720)
- The unit did not include Contact header in all SIP 18x responses it sent out, but the response had a to-tag propagated, which establishes a SIP dialog. (CSCsq28267)
- When using SIP/TCP with Broadsoft, the server did not respond to NOTIFY/keep-alive messages from the phone, causing the phone to drop the TCP connection. (CSCsv59887)
- The unit did not handle a compact form SIP Content-Length header when receiving SIP messages over TCP transport. (CSCsv77563)

Related Information

Resource	Location
Technical Documentation	www.cisco.com/en/US/products/ps10024/tsd_products_support_series_home.html
Firmware Downloads	www.cisco.com/en/US/products/ps10024/index.html
Customer Support	www.cisco.com/en/US/support/tsd_cisco_small_business_support_center_contacts.html
Warranty and End User License Agreement	www.cisco.com/go/warranty
Open Source License Notices	www.cisco.com/go/osln
Regulatory Compliance and Safety Information	www.cisco.com/en/US/products/ps10024/tsd_products_support_series_home.html
Cisco Partner Central site for Small Business	www.cisco.com/web/partners/sell/smb

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