

Release Notes for Cisco SPA2102 Firmware Version 5.2.10

August 14, 2009

These Release Notes describe the new features and enhancements in the Cisco SPA2102 firmware version 5.2.10.

Contents

This document includes the following topics:

- **Changes Since Cisco SPA2102 Firmware Version 5.2.6**
- **Related Information**

Changes Since Cisco SPA2102 Firmware Version 5.2.6

Updates

- Updated web page banner
- Added “WAN Link Status” on router status web page
- Added link to <http://www.myciscocommunity.com/>

- Instead of total silence, unit now plays SIT tones under the following scenarios:
 - Ethernet disconnect or link loss (event code = S01)
 - Cannot get WAN IP address from DHCP (event code = S02)
 - Server not responding to Register (event code = R01)
 - Register encounters ICMP error, such as unreachable host (event code = R02)
 - Register encounters DNS error (event code = R03)
 - Other unsuccessful response to Register (event code = Rxxx, where xxx is a 400-699 SIP response code, for example, R401 or R407, when authentication fails due to incorrect password)

To enable this feature, enter the corresponding event code in the parameters <SIT1 RSC>, <SIT2 RSC>, <SIT3 RSC>, and <SIT4 RSC>. The corresponding SIT tone is played when the particular event occurs. Each parameter accepts a comma separated list of event codes, which can contain the wildcard characters * and ?. The characteristics of SIT1 to SIT4 tones are also configurable.

Fixed Problems

The following problems were fixed in firmware version 5.2.10:

- CSCsc23750: Setting <INVITE Expires> and <ReINVITE Expires> to 0 cannot remove the Expires header from outbound INVITE and reINVITE SIP messages
- CSCso70560: Manual Accept Media Loopback fails.
- CSCsm67258: Inability to remotely access the web graphical user interface because TCP session closes.
- CSCso99162: Missing Event header in NOTIFY keep alive messages
- CSCsq64796: XML profile value attribute set to empty string does not take effect.
- CSCsr02256: 180 response does not include a Contact header
- CSCsr08543: DHCP Option 60 is not implemented.

- CSCsj17190: <SIP ReINVITE Expires> value stuck at 30s, regardless of actual setting.
- CSCsm87950: SIP NOTIFY keep alive messages do not have Contact header.
- CSCsu65857: In Music On Hold invite, “from” field in the SIP INVITE was blank.
- CSCsv29134 - Cannot find “maddr” value in Contact header with URI parameter that is longer than 256 bytes.
- CSCsu67720: Unit ignores SIP messages with unknown header names and with a name length greater than 31 characters. These are treated as bad messages.
- CSCsq28267: Unit does not include Contact header in all SIP 18x responses it sends out, but the response has a “to” tag propagated that establishes a SIP dialog.
- CSCsv59887: When using SIP/TCP with BroadSoft, the server does not respond to NOTIFY/keep alive messages from the phone, causing the phone to drop the TCP connection.
- CSCsv77563: Unit cannot handle compact form SIP Content-Length header when receiving SIP messages over TCP transport; messages are treated as if they do not carry any message body.
- CSCso34152: DTMF strict mode does not stop all “talk-off” beeps.

Related Information

Resource	Location
Technical Documentation	www.cisco.com/en/US/partner/products/ps10024/tsd_products_support_series_home.html
Firmware Downloads	tools.cisco.com/support/downloads/go/Redirect.x?mdfid=282414109
Customer Support	www.cisco.com/en/US/support/tsd_cisco_small_business_support_center_contacts.html

Release Notes

Resource	Location
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/partner/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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