

Release Notes for Cisco SPA8000 8-Port IP Telephony Gateway Firmware Version 6.1.10

April 29, 2011

These Release Notes describe the new features and enhancements in the Cisco SPA8000 firmware version 6.1.10.

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Changes Since Cisco SPA8000 Firmware Version 6.1.3

Updates were made, and problems were fixed.

Clarifications

- T.38 is not supported for fax speeds of 2400 and 4800 bps. Only 14,400 bps (V.17) and 9600 bps (V.29) speeds are supported.
- There are *no* outstanding Severity 1 or 2 bugs.

Updates

The following updates were made:

- Updated GUI 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.

- Option added to the GUI to set the fax speed to 9600 bps.

In the Audio Configuration section of the Line window, there is a new field (FAX T38 V29 Only) that you can set to YES to force the fax to transmit at 9600 bps when multipage signal (MPS) is received on the Cisco SPA8800.

NOTE When configuring the FAX T38 V29 Only option using an XML file, use the following two case-sensitive XML tags (the first one corresponds to the YES value and the second to the NO value of the option):

FAX_T38_V29_Only_1_

FAX_T38_V29_Only_2_

Problems Fixed

The following problems were fixed in firmware version 6.1.10:

Identifier	Description/Workaround
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 keepalive 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 keepalive 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/keepalive messages from the phone, causing the phone to drop the TCP connection.

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Identifier	Description/Workaround
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.
CSCtc70738	Fax Failover—The codec changes before sending an INVITE.
CSCsd34254	Lines 1 and 2 of the SPA8000 are swapped.
CSCse53921	If the dial plan ends with a period (an invalid digit), the dial plan does not time out.
CSCsg45351	Errors in the PhTmplt data type.
CSCsh94145	T38 fax fails.
CSCsj22270	The new prefer codec is not backward compatible.
CSCte53533	The fax fails at 14400 bps, but works at 9600 bps with Sonus devices.
CSCth58164	During provisioning, changing QDisc from TBF to None doesn't take effect.
CSCtl92028	Resolved the Tip/Ring disconnect signal for outbound calls.
CSCto87797	Release unused codec with G.729 not working.

Related Information

Support	
Cisco Small Business Support Community	www.cisco.com/go/smallbizsupport
Cisco Small Business Support and Resources	www.cisco.com/go/smallbizhelp
Phone Support Contacts	www.cisco.com/en/US/support/tsd_cisco_small_business_support_center_contacts.html
Cisco Small Business Firmware Downloads	www.cisco.com/go/smallbizfirmware Select a link to download firmware for Cisco Small Business Products. No login is required. Downloads for all other Cisco Small Business products, including Network Storage Systems, are available in the Download area on Cisco.com at www.cisco.com/go/software (registration/login required).
Product Documentation	
Cisco SPA8000	www.cisco.com/en/US/products/ps10024/prod_release_notes_list.html
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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OL-24952-02