Release Notes for Cisco Small Business SPA30X, SPA50X, and SPA51X IP Phone Firmware Version 7.6.1

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Introduction

These Release Notes describe the updates and fixes in version 7.6.1 of the Cisco Small Business SPA30X, SPA50X, and SPA51X IP Phone firmware.

As with any firmware release, read these release notes before you upgrade the firmware. Cisco also recommends that you back up the configuration before you perform any firmware upgrade.

Software Compatibility

For SPA30X, SPA50X, and SPA51X, the openssl upgrades from openssl 0.9.8zc to openssl 0.9.8zg.

New and Changed Features

SUBSCRIBE Failover

SUBSCRIBE failover behavior is the same as the behavior of Register/Invite messages. The phone restarts subscribe messages, including subscribe event type Call-Info, BLF, Hoteling, and as-feature-event, if the registration IP changes, regardless of the Auto Register When Failover setting.

When the Auto Register When Failover setting is Yes, all SUBSCRIBE failovers trigger reregistration.

Sip Accept Encoding Parameter

A new parameter, Sip Accept Encoding, is added to support the content-encoding gzip feature.

The options are none and gzip:

- If none is selected, no changes are made. The default is none.

- If gzip is selected, the SIP message header contains the string "Accept-Encoding: gzip", and the phone is able to process the sip message body, which is encoded with the gzip format.

Caveats

Open Caveats

Identifier	Headline
CSCuw13843	SPA5xxG: general issues due to codec mismatch.
CSCuw27731	SPA525/5x5: change Sip Accept Encoding do not work for in-dialog subscribe.
CSCub46017	The SPA 30x/50x phone do not support font size 12, for Hebrew language.
CSCub68644	For SPA phones, a "+" sign is missing for the numeric inputs of PAB number entry.
CSCud52670	The SPA phones do not support Xuser and Xpassword.
CSCul58905	The SPA5x5 phone, displays the CFWD softkey for other call states (dialing), even if the CFWD service is disabled.
CSCun55744	For SPA5x5/51x phone, the string, "Blind transfer number" is missing in XML Dictionary.

Resolved Caveats

The following caveats are resolved after release 7.6.0.

Identifier	Headline
CSCut43460	7.5.7 BLF Presence status is stuck intermittently (content-encoding: gzip).
CSCus30595	SPA5x5 proxy failover after 503 to SUBSCRIBE.
CSCut27892	SPA504G: DNS SRV CNAME support.
CSCut93301	SPA5x5: Phone freeze after receiving BLF Notify with empty content body.
CSCus30566	SPA5x5: won't resubscribe for the As Feature Events upon fallback.
CSCuv36765	SPA502G: Called Display Name not using PAI information.
CSCuu14196	SPA51x only: Auto-Provisioning failed when SSLVerifyClient require.

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 Documentation

Use the following sections to obtain related information.

Cisco Small Business

For more information on Cisco Small Business, see http://www.cisco.com/smb.

Cisco Small Business Product Documentation

For more information on Cisco Small Business SPA500, see http://www.cisco.com/c/en/us/products/collaboration-endpoints/small-business-spa500-series-ip-phones/index.html.

For more information on Regulatory Compliance and Safety Information for the Cisco SPA300 Series and Cisco SPA500 Series IP Phones, see

http://www.cisco.com/c/dam/en/us/td/docs/voice_ip_comm/csbpipp/ip_phones/regulatory_compliance/guide/rcsi_SPA300_SPA500.pdf.

Additional Information

For more information on Cisco Small Business Support Community, see https://supportforums.cisco.com/community/5541/small-business-support-community

For more information on Cisco Small Business Support and Resources, see http://www.cisco.com/cisco/web/solutions/small_business/small_business_support_and_resources.html.

For downloading the documents, see https://software.cisco.com/download/navigator.html.

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, using the Cisco Bug Search Tool (BST), submitting a service request, and gathering additional information, see *What's New in Cisco Product Documentation* at: http://www.cisco.com/c/en/us/td/docs/general/whatsnew/whatsnew.html.

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