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Dolby® Conference Phone Release Notes

Version 3.0.3.55 (3.0.3)
Release Date: Mon 15th August, 2016

This document provides information about the Dolby Conference Phone 3.0.0 release, including the latest product features, bug fixes, known issues, and upgrade instructions.

See the *Dolby Conference Phone Administrator's Guide* v3.0 and *User's Guide* for detailed product specifications and operating instructions.

1   New Features since the 2.1 release

Features introduced in this release.

Dolby Reference	Summary
n/a	n/a

Features introduced in the 3.0.2 release.

Dolby Reference	Summary
DCEP-2775 DCEP-2839	Provide support for EAP-PEAP with Windows Authentication server. Provide an ability to accept certificates within Out of Box wizard when EAP-PEAP is used.
DCEP-2794	Disable LLDP and DHCP VLAN detection when the user selects a Highfive Room Box from the out of box wizard.

Features introduced in the 3.0.1 release.

Dolby Reference	Summary
DCEP-2761	Improve how the time is configured during Out-of-Box wizard for Highfive configurations.

Features introduced in the 3.0.0 release.

Dolby Reference	Summary
DCEP-2446	Conferencing application development framework with the ability to customize and expedite application development on the Dolby Conference Phone. Controlled availability targeting select service providers.
DCEP-2496	The Out of Box setup wizard now supports new ways of discovering the provisioning server or Dolby Conferencing Console.

DCEP-2480	Introduced user preference to turn off system notification sounds including the boot up welcoming sound. (Preferences.SystemNotificationSounds)
DCEP-2473	The HTTP user agent field now contains the Serial Number and MAC Address.
DCEP-2462	Dolby Conferencing Console Cloud Deployment Model is now supported.
DCEP-2449	Support secure encrypted network packet capture for advanced diagnostics.
DCEP-2445	DNS SRV records may now be used to locate a provisioning server.
DCEP-2731	The serial number is now provided in the Contact field in the SIP INVITE for Dolby Voice calls.
DCEP-2724	The User Interface process is now restarted when it encounters a crash to avoid a reboot.
DCEP-2688	MTLS (Mutual TLS) is now supported in provisioning and by the conferencing application.
DCEP-2647	The device now reboots to complete a software upgrade if there's not enough memory available to complete a software download.
DCEP-2637	The phone now downloads the certificate first then proceeds to download the configuration files.
DCEP-2619	Time zone information is now included in the CDR log.
DCEP-2575	The configuration change user acceptance screen is now optional. (Provisioning.CfgChange.UserAcknowledgementEnabled)
DCEP-2574	IP Address Conflict is now shown as a warning in the Web User Interface.
DCEP-2532	The time zone and network configuration screens have been switched in the Out of Box Wizard.
DCEP-2530	The CA certificate may now be loaded through the Web User Interface.
DCEP-2528	The message displayed on the UI when the phone is challenged for 802.1x authentication has been improved.
DCEP-2501	Out of Box Wizard support for provisioning discovery is now supported.
DCEP-2483	Inbound RTP port ranges for IP PBX calls are now enforced.
DCEP-2479	In the Out of Box Wizard the user name and password entry screens for provisioning are only prompted when the provisioning server challenges the user for authentication.
DCEP-2464	Multiples of 10ms G.711/G.722 packet sizes for IP PBX mode calls are now supported.
DCEP-2438	Debug command message output is now available in the shell in addition to the Web User Interface.
DCEP-2435	Regular SIP registration events have been suppressed to avoid flooding the syslog file.
DCEP-2429	DCP status parameters are now included in the log package downloaded from the phone Web User Interface.
DCEP-2414	The OOM (Out of Memory) kill report now includes more information.
DCEP-2409	The Web User Interface SIP Registration Response is now more meaningful when a TLS error occurs.
DCEP-2397	Periodic memory usage reports are now included in the phone log.
DCEP-2369	Added TLS debug message to clearly display validation mismatch between server CN and DUT's outbound proxy.
DCEP-2361	SIP log messages are now left aligned in the log to improve readability.
DCEP-1847	'Help' has been moved from under Tools, to the top level tab in the phone Web User Interface.
DCEP-2743	It is now possible to disable embedded User Interface system alarms to avoid annoying end users. (Preferences.ShowSystemWarning)
DCEP-2451	DNS status for the secondary network has been added.
DCEP-2459	Multiple tunnels and SIP URIs (failover) for BT MeetMe with Dolby Voice calls are now available.

DCEP-2456	Calls are automatically terminated after a timeout if user forgot to end a call.
DCEP-2425	Project code entry is now supported in BT MeetMe with Dolby Voice calls.
DCEP-2521	BT MeetMe with Dolby Voice calls now use version 2 Join via SIP CCAPI.
DCEP-2503	A DTMF keypad has been added to the BT MeetMe with Dolby Voice active call screen.
DCEP-2498	The phone has improved handling of BT MeetMe version 1 passcodes that are provisioned for Dolby Voice.
DCEP-2494	The phone is automatically activated when the BT MeetMe with Dolby Voice activation PIN is changed.
DCEP-2458	The GeoTrust Primary CA certificate is now included.
DCEP-2454	The translation of "Active Speaker" in German is now correct.
DCEP-2471	The passcode entry keypad now generates a key tap sound to provide input feedback.
DCEP-2450	The Web User Interface now includes a BT MeetMe with Dolby Voice Diagnostic function to make test calls.
DCEP-2432	A button has been added to the active talker screen to allow user to go back to the full roster control screen.
DCEP-2424	BT registration may now be cleared from the Web User Interface.
DCEP-2365	A configuration error is now reported if the Dolby Voice codec specification fails validation.

2　　　Fixes since the 2.1 release

Fixes introduced in this release

Dolby Reference	Summary
DCEP-2848	The "Network Authentication Required" message no longer stays on screen after a transient authentication failure.

Fixes introduced in the 3.0.2 release

Dolby Reference	Summary
DCEP-2797	Fix User Interface becoming unresponsive after a CSAF app call ends with HTTP proxy enabled.
DCEP-2789	Fix CSAF app SIP calls failing three or four times after a reboot.
DCEP-2796	Fix intermittent certificate configuration problem after CSAF app is rebooted or restarted.
DCEP-2785	Hide Personal when it is configured but BT MeetMe is not.
DCEP-2833	Fix Out-of-band DTMF signaling for BT MeetMe calls.

Fixes introduced in the 3.0.1 release

Dolby Reference	Summary
DCEP-2767	Factory reset now sets the default time to software build time after factory reset.

Fixes introduced in the 3.0.0 release

Dolby Reference	Summary
DCEP-2639	Suppress subsequent successful DHCP log messages after the first one.
DCEP-2609	When user puts "http://" or "https:" in the provisioning server address it creates a weird user experience.
DCEP-2569	Syslog message review to make them less noisy and for Non- Debug level messages make them more readable.
DCEP-2556	Multiple http backend core dumps observed in Dolby IT's DCC deployment.
DCEP-2523	Every time the language changes the UI process leaks 6MB memory.
DCEP-2477	Sip.Account.SelfPort upper limit of port number 9999 causes device to become unresponsive to further configuration.
DCEP-2433	User Feedback icon (thumbs up/down) does not show up in the CDR.
DCEP-2430	Error message is now corrected when trying to push Preferences.Localization.TimeFormat to the phone.
DCEP-2428	Support ptime in SIP SDP to indicate the local preference of packetization interval for IP PBX calls.
DCEP-2426	Misleading error message on the phone is now fixed when the Dolby Conference Console's default pool has password enabled.
DCEP-2418	When the device failed registration because of realm configuration error, the SIP registration status is set as Not Applicable.
DCEP-2416	PJSIP stops sending registration in case of 2-nd 401 response with the same nonce and stale is set to false.
DCEP-2413	Race condition in PJSIP when both PBX accounts register concurrently after network issue.
DCEP-2408	The phone's LLDP packets have incorrect MGMT IP address.
DCEP-2405	The phone continuously reboots request where network is unreachable.
DCEP-2400	IP Network/Status shows "Hostname resolvable" as alarm when user sets the phone to use static IP address.
DCEP-2399	Change the word "Succeed" to "Successful" in the phone UI.
DCEP-2396	Intermittently the phone does not complete reboot as instructed from the device Web UI or sometimes DDMS due to high memory utilization.
DCEP-2390	Device crash with core.pj_pjsua.gz
DCEP-2384	Network Policy Tagged bit is set incorrectly.
DCEP-2370	Unable to remove WPAD URL link from DCP when DDMS is used, failed to communicate with DDMS..
DCEP-2359	Enhancement: Hide or gray out "Secure Media" for Non-TLS transport.
DCEP-2349	If WPAD enable then network status screen should display WPAD first then PAC file.
DCEP-2134	Provisioning Server Address should only allow 4 octets of dot-decimal notation.
DCEP-2398	Sometimes when accepting provisioning server certificate the popup shows empty value.
DCEP-2443	Username (Sip.Account.UserName) parameter is not as per specification (RFC 3261).
DCEP-2710	A wrong value of time is displayed on Total Duration.
DCEP-2709	Invalid email formats are being accepted but the UI message isn't clear on what's wrong.
DCEP-2475	Long meeting names are cropped on the connecting screen.
DCEP-2733	Secondary VLAN proxy with no authentication does not work.
DCEP-2589	Non ASCII character in the display name result in the service rejecting the set name property call and end up as "Restricted" in the roster list.

DCEP-2495	Re-register with BT when the PIN code changes from the provisioning server and if the device has not been registered with BT yet.
DCEP-2467	Do not disturb is not grayed out under the blue mode call "more" menu when the parameter is provisioned.
DCEP-2612	Primary VLAN Network status is in alarm in a scenario where there's server configuration problem for PAC download.

3 Notes

Please refer to the configuration reference material in the *Dolby Conference Phone Administrator's Guide v3.0* for updated configuration parameters supporting new features.

4 Known Issues

Dolby Reference	Summary	Significance/Impact	Workaround
DCEP-2755	The phone will intermittently crash and generate a core file if the SIP transport type is set to Auto and the SIP outbound proxy server becomes unreachable.	If the crash occurs during a call the call could be interrupted. A core file is generated which will consume log space on the provisioning server.	There are two work arounds, either of which will avoid the problem: 1) Do use transport type of Auto, instead specify TCP or UDP. 2) Configure a reliable and reachable outbound call proxy.

5 Installation and Upgrade Procedure

The procedure described in section 5.2 "Upgrading and Downgrading the Software on the Dolby Conference Phone" of the *Dolby Conference Phone Administrator's Guide v3.0* should be followed to install or upgrade to the firmware in this release.