



Dolby Conference Phone

Release Notes

4.1.6
25 February 2019

1 Introduction

This document provides information about the Dolby Conference Phone 4.1.6 release, including the latest product features, bug fixes, known issues, and upgrade instructions.

See the *Dolby Conference Phone Administrator's Guide v4.1* and *Dolby Conference Phone User's Guide* for detailed product specifications and operating instructions.

2 New Features

Table 1: Features introduced in this release

Dolby Reference	Summary
N/A	N/A

Table 2: Features introduced in the 4.1.5 release

Dolby Reference	Summary
N/A	N/A

Table 3: Features introduced in the 4.1.4 release

Dolby Reference	Summary
N/A	N/A

Table 4: Features introduced in the 4.1.3 release

Dolby Reference	Summary
N/A	N/A

Table 5: Features introduced in the 4.1.2 release

Dolby Reference	Summary
N/A	N/A

Table 6: Features introduced in the 4.1.1 release

Dolby Reference	Summary
N/A	N/A

Table 7: Features introduced in the 4.1.0 release

Dolby Reference	Summary
DCEP-3852	Improved factory installed certificate for security and interoperability
DCEP-3874	Support for incoming SIP REFER in IP PBX mode
DCEP-3875	Improved the app loading experience by displaying loading screen
DCEP-3903	Allow URL validation as per RFC 3926 in configuration
DCEP-3906	Introduced IP PBX CSAF APIs
DCEP-3909	Introduced call log and directory CSAF APIs
DCEP-3912	Improved firmware upgrade performance by five minutes
DCEP-3919	Display factory installed certificate information in the status menu
DCEP-3920	Improved logging when rejecting incoming SIP message due to internal SIP firewall rules
DCEP-3921	Improved SIP firewall rules when contact header has different address than the OutboundProxy configuration
DCEP-3939	Support SIP server failover/failback
DCEP-3957	Support DNS server based load balancing for CSAF Conference calls
DCEP-3970	Support conference dialing by allowing entering of SIP URIs on IP PBX dialer
DCEP-3980	802.1x may now be explicitly disabled

3 Fixes

Table 8: Fixes introduced in this release

Dolby Reference	Summary
DCEP-4275	Sometimes the Dolby Voice Room phone UI shows the "Reloading Application" screen when joining the meeting
DCEP-4277	Allocated an additional 15 MB memory on the ARM side to increase it to 111 MB

Table 9: Fixes introduced in the 4.1.5 release

Dolby Reference	Summary
DCEP-4223	Dolby Conference Phone responds with SIP 400 for empty SIP INFO during a call causing the call to drop
DCEP-4226	The Comm service asserts during a call attempt when the proxy set is empty due to a DNS refresh in-progress
DCEP-4227	PJSUA crashes after boot up due to the Assert message: Assert: name->slen>0 && name->slen
DCEP-4238	Dolby Conference Phone now supports incoming SIP messages of up to 6,000 bytes

Table 10: Fixes introduced in the 4.1.4 release

Dolby Reference	Summary
DCEP-4202	A number of time zones are missing from the Dolby Conference Phone
DCEP-4207	System reports expired default CA certificate
DCEP-4212	Increased maximum length allowed for Sip.Credential.Realm

Table 11: Fixes introduced in the 4.1.3 release

Dolby Reference	Summary
DCEP-4194	Peripheral Mode Audio DTMF no longer works with Highfive Room Box

Table 12: Fixes introduced in the 4.1.2 release

Dolby Reference	Summary
DCEP-4156	Bluetooth service core dumps generated by the Dolby Conference Phone causes the Bluetooth service to crash
DCEP-4170	Idle time out hides the settings menu on the Dolby Conference Phone but does not dismiss the camera preview app on the Hub
DCEP-4179	Occasional tunnel disconnection causes the AppLink to stay disconnected even after tunnel recovery

Table 13: Fixes introduced in the 4.1.1 release

Dolby Reference	Summary
DCEP-3995	Removed three vulnerable ciphers
DCEP-4041	The Dolby Conference Phone crashes in DNS resolver while trying to register to MiCloud
DCEP-4091	In a Vonage test environment, the Dolby Conference Phone fails to resume the active call on hold when in PREFERRED_ORDER call failover mode
DCEP-4099	Comm services may crash in services-cs_dvcsip during a call attempt when the server list is empty
DCEP-4106	The Dolby Conference Phone is stuck and is unable to load the Dolby Conference Phone app
DCEP-4118	The configuration.midnightMemoryRecycleEnabled API crashes the GUI process
DCEP-4127	The Dolby Conference Phone crashes when DNS TTL value is small for IPPBX configuration
DCEP-4134	IP PBX calls fail when the transport type is set to AUTO/TCP and NAT is detected in the network path

Table 14: Fixes introduced in the 4.1.0 release

Dolby Reference	Summary
DCEP-3648	Unexpected "Tunnel" state in the Conference object now mapped to "Calling" state
DCEP-3879	WebSocket server does not correctly notify of client disconnections
DCEP-3901	canSendDtmf API for peripheralModeAudio and Conference objects reports wrong value
DCEP-3986	Improved SSH security by removing vulnerable ciphers from supported list

Table 14: Fixes introduced in the 4.1.0 release (continued)

Dolby Reference	Summary
DCEP-4000	Removed Equifax Secure Certificate Authority from the system
DCEP-4037	The incoming call screen changes layout for a while when user End and Answer second call

4 Notes

Please refer to the configuration reference material in the *Dolby Conference Phone Administrator's Guide* v4.1 for updated configuration parameters supporting new features.

5 Known Issues

Table 15: Known Issues present in this release

Dolby Reference	Summary	Significance/Impact	Workaround
N/A	N/A	N/A	N/A

6 Installation and Upgrade Procedure

The procedure described in the section titled “Upgrading and Downgrading the Software on the Dolby Conference Phone” of the *Dolby Conference Phone Administrator's Guide* v4.1 should be followed to install or upgrade to the firmware in this release.

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