



ICE Gateway 3.2.0

Release notes for prerelease

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1 New & Improved

These changes add new features or improve the functionality of existing ones:

- Verify telephony gateway with the new AudioStreamID feature. (ICE-16331)
- Convert all `std::map` to `std::unordered_map` wherever applicable for faster execution. (ICE-16318)
- For DFSI and ISSI gateways, check if the new implementation for active channel object works. (ICE-16167)
- add radio system. (ICE-15932)
- Add encryption for p25 talkgroups. (ICE-15093)
- reassign channel to radio talk group. (ICE-15719)
- Create CLI command for association/de-association/re-association RadioTalkGroup to the channel. (ICE-15806)
- Implement missing shared pool mechanism for resource management in ISSI and DFSI. (ICE-15534)
- Implement CDR records for ISSI channels. (ICE-15642)
- Report P25 ISSI Group status. (ICE-14782)
- APIs for P25 ISSI Group and association to channel. (ICE-15216)
- Enhance gateway reported status to include licensing issues. (ICE-15209)
- List all radio talk groups API. (ICE-15619)
- Publish ice-gw debug symbols through custom pipeline build. (ICE-15227)
- APIs for P25 ISSI radio gateway. (ICE-15214)
- ICE OS: Add interview question and screen to enable SRTP and consume certificate/key pair. (ICE-14912)
- P25 ISSI Channel key management PIE lib integration. (ICE-15088)
- Added issi radio gateway interface for Arcus API. (ICE-15103)
- Handle maximum ptt burst callback given by PIE. (ICE-15092)
- Add SRTP configmap to the ICE Telephony helm chart. (ICE-14914)
- Rename `fs_inbound_audio_manager` to `pie_audio_receiver` and place it to common files that can be used by DFSI and ISSI gateways. (ICE-15089)
- Reuse microphone and speaker devices of DFSI gateway for ISSI gateway. (ICE-15090)
- P25 ISSI Channel key management. (ICE-14975)
- Design and implement for ISSI rx. (ICE-14720)
- Manage P25 ISSI Radio System. (ICE-14773)
- ISSI Gateway group affiliation. (ICE-12826)

2 Fixes

These issues have been resolved in this version of the product:

- Few second or first audio sound byte lost from ICE client to IP Phone in channel DN call. Discovered in 3.2.0. (ICE-17177)
- dfsig: core dump during 48ch inbound load test. Discovered in 3.2.0. (ICE-17104)
- issig: 16ch load - 8 channels didn't work when load started before issig. Discovered in 3.2.0. (ICE-17087)
- issig missing gw unitId & tg status updates on stop. Discovered in 3.2.0. (ICE-16555)
- During 5FS test dfsi stopped sending ConnectReq msgs for fsId 2. Discovered in 3.2.0. (ICE-16359)
- dfsig change of audiostreamid breaks communications. Discovered in 3.2.0. (ICE-16659)
- General VQ issues with transmits. Discovered in 2.2.0. (ICE-9568)
- docker stop generates core dump. Discovered in 3.2.0. (ICE-16326)
- wierd inbound audio buffering AFTER radio tx during client tx. Discovered in 3.1.0. (ICE-14268)
- simultaneous radio ptt then dekey one first occasionally see P25: Unknown. Discovered in 3.1.0. (ICE-13594)
- Sentry issue missing user field and upgrade to latest sentry 0.4.17. Discovered in 3.1.1. (ICE-15142)
- missed clear inbound call after secure inbound call wrong key (Etherstack #2071). Discovered in 3.1.1. (ICE-14864)
- core dump after dfsi launch with no FS then create & associate FS. Discovered in 3.1.1. (ICE-14917)
- 8ch load test yielded no audio at all thru dfsig. Discovered in 3.1.0. (ICE-14518)
- core generated during docker stop while RX. Discovered in 3.1.0. (ICE-14316)

3 Known Issues

These are issues known to exist in the product:

- *No known issues in this release.*

This document describes changes introduced between build ef12d2e to bedcc64.