



ICE Gateway Release Notes 3.5.0

Release notes for prerelease

Copyright © 2024, Instant Connect Software, LLC. All rights reserved.

Document version 1841, produced on Friday, September 06, 2024.

main 90adc8bf40040649230176bbdd465f6261a2d8e0

ALL STATEMENTS, INFORMATION, AND RECOMMENDATIONS IN THIS MANUAL ARE BELIEVED TO BE ACCURATE BUT ARE PRESENTED WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED. USERS MUST TAKE FULL RESPONSIBILITY FOR THEIR APPLICATION OF ANY PRODUCTS.

NOTWITHSTANDING ANY OTHER WARRANTY HEREIN, ALL DOCUMENT FILES AND SOFTWARE OF THESE SUPPLIERS ARE PROVIDED “AS IS” WITH ALL FAULTS. STA GROUP DISCLAIMS ALL WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, THOSE OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT OR ARISING FROM A COURSE OF DEALING, USAGE, OR TRADE PRACTICE.

IN NO EVENT SHALL INSTANT CONNECT LLC OR ITS SUPPLIERS BE LIABLE FOR ANY INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES, INCLUDING, WITHOUT LIMITATION, LOST PROFITS OR LOSS OR DAMAGE TO DATA ARISING OUT OF THE USE OR INABILITY TO USE THIS MANUAL, EVEN IF STA GROUP OR ITS SUPPLIERS HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Trademarks mentioned in this document are the properties of their respective owners.

Contents

1	New & Improved	4
2	Fixes	4
3	Known Issues	5
3.0.1	Calls between ICE clients and phones fail in multi-NIC VMs. (ICE-24214)	5
3.0.2	Inbound audio tones and music sound distorted. (ICE-22200)	5

1 New & Improved

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

- Upgrade engage to 1.244. (ICE-24080)
- ICE-GW image name fix. (ICE-24150)
- Consolidate ice-busybox and ice-curlimages-curl with ice-util container. (ICE-24147)
- Telephony Init:ImagePullBackOff issue. (ICE-24068)
- How the current license server generate license file. (ICE-23938)
- SPIKE ICE interview should allow customer to select Telephony interface. (ICE-24032)
- ICE-GW : Facilitate setting of SIP listening ports on multiple different IP protocols via env properties. (ICE-23886)
- SPIKE: Allow Telephony sip ports customizations. (ICE-23885)
- Update Engage to 1.240. (ICE-23142)
- Add G.729 capability to PJSIP in telephony gateway. (ICE-22635)
- Do not push unused kitchen sink image to docker registry. (ICE-22762)
- Tool to batch load data into server for gateway load testing. (ICE-21437)
- RFSS link status update. (ICE-16165)
- Synchronise inbound stop and start events for all gateways so that back to back calls are not affected. (ICE-20960)
- remove ICEGW_PIE_AUDIO_BUFFER_TRANSFER_METHOD buffer mode from design. (ICE-20861)
- Upgrade sentry from 0.4.11 to 0.6.5 version. (ICE-18511)
- Hangup tone needs to be heard when IP Phone hangs up the call. (ICE-20855)
- ICE-GW : Increment repo build version to 3.5.. (ICE-21490)
- Append X.X.X version string to ice gateway's docker image tag in pipeline. (ICE-21223)

2 Fixes

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

- FS disconnected status not sent to server. Discovered in 3.2.0. (ICE-22311)
- Newly created channel DN has no audio from IP Phone or on desktop as it did not create group. Discovered in 3.4.0. (ICE-22013)
- dfsig: change chan0 from taitfs to danielfs caused two diff ConnectReq msgs. Discovered in 3.4.0. (ICE-20953)
- dfsig: one time gw never connected to danielfs and never retried failed connections. Discovered in 3.4.0. (ICE-21176)

- dfsig: setting FS console id to 16277215 results in ID 24287 at efj. Discovered in 3.4.0. (ICE-21215)
- dfsig: convert dfsi ch to issi to dfsi does not reconnect to taitfs. Discovered in 3.4.0. (ICE-21281)
- issig: change rfss id does not work. Discovered in 3.4.0. (ICE-21191)
- issig: create issi assoc fails when dfsig and issig both running. Discovered in 3.4.0. (ICE-21481)
- dfsig: change codec during rx results in one-way audio. Discovered in 3.4.0. (ICE-21430)
- issig: gw stopped re-registration retries during 35min offline test. Discovered in 3.4.0. (ICE-21195)
- Telephony registrar mode: user DN and channel DN are not registering to CUCM. Discovered in 3.4.0. (ICE-21419)
- dfsig: launch dfsi during client chan0 tx causes restarts and one-way audio on chan1. Discovered in 3.4.0. (ICE-21114)
- dfsig: change 6 danielifs config values in a single save causes restart. Discovered in 3.4.0. (ICE-21212)
- Telephony pod in crashloop after fresh install 3.4 geo setup load test. Discovered in 3.5.0. (ICE-21345)
- CDR records from gateway need improvement to show display Name and other fields. Discovered in 3.4.0. (ICE-21236)

3 Known Issues

These are issues known to exist in the product:

3.0.1 Calls between ICE clients and phones fail in multi-NIC VMs. (ICE-24214)

3.0.1.1 Conditions Telephony gateway is configured to use an IP address associated with an interface other than eth0 in a multi-NIC setup.

3.0.1.2 Workaround Always configure the IP address to be associated with eth0 when there are multiple interfaces from which to choose.

3.0.2 Inbound audio tones and music sound distorted. (ICE-22200)

3.0.2.1 Conditions Using the MELPe codec.

3.0.2.2 Workaround None. This is an attribute of the MELPe codec, which is optimized for human voice. Other sounds may not be modulated properly resulting in audible distortion.

This document describes changes introduced between build 674b78e to da316e9.