



ICE Server 3.1.1

Release notes for prerelease

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1 New & Improved

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

- Minor updates to PV monitoring dashboard. (ICE-14674)
- Create daily cleanup job to purge old cluster logs on MinIO. (ICE-14479)
- Update the ksql/mirrormaker2 dependency. (ICE-12844)
- Populate ELASTICSEARCH_MODELMANAGER_INDEX_REPLICAS env in Arcus. (ICE-13722)
- Add zfs partition monitoring dashboard in Grafana. (ICE-14363)
- Update MinIO nginx.org/client-max-body-size default to 16Mb. (ICE-14434)
- Migrate AbstractSessionDAO to Postgres. (ICE-14188)
- Update Cornea JS: allow getting error codes from Arcus. (ICE-13759)
- Implement “licblk:ReleaseLicense” API. (ICE-13754)
- Migrate WebhookDAO To Postgres. (ICE-14227)
- Migrate AssociationDAO To Postgres. (ICE-14211)
- Migrate LicenseDAO To Postgres. (ICE-14345)
- Update CreatePersonHandler to allow “person:transmitPriority” to be included. (ICE-14350)
- Set up Functional Tests To Work In Hybrid Mode. (ICE-14171)
- Implement “licblk:GrantLicense” API. (ICE-13753)
- Migrate JobDAO To Postgres. (ICE-14172)
- Migrate AppHandoffDao To Postgress. (ICE-14148)
- Revert Cornea.js breaking changes. (ICE-14175)
- Create MinIO migration scripts. (ICE-14173)
- Set Up Postgres Model Manager. (ICE-14090)
- Add an optional “expirationTime” parameter to “file:CreateFileData” request. (ICE-14122)
- Optimize/Refactor LicenseManager.getLicenseInfo(). (ICE-14102)
- Restructure license_feature_assignment table to accommodate license block id. (ICE-13978)

2 Fixes

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

- Flutter: LDAP users are not displayed on the people tab and map for assigned channels. Discovered in 3.1.0. (ICE-14659)
- Load test issues involving private calls. Discovered in 3.1.0. (ICE-14678)
- Audio alert sent from desktop is not played on Cisco LMRG donor Radios. Discovered in 3.1.0. (ICE-14682)

- [UserGroup] Add/Remove users to the existing Group should affect associated assigned channel. Discovered in 3.1.0. (ICE-14380)
- Fix Job For Minlo Clean Up. Discovered in 3.1.0. (ICE-14499)
- Geo Setup : Observed 2 alerts coming (instead of 1) on both Flutter & DC clients for a single on date/time WFA rule. Discovered in 3.1.0. (ICE-14430)
- PersonGroupRemovedFromChannelEvent is not getting emitted to the person in the PersonGroup removed from the channel. Discovered in 3.1.0. (ICE-14394)
- chan:Remove sometimes does not remove FixedStation association. Discovered in 3.1.0. (ICE-13684)

3 Known Issues

These are issues known to exist in the product:

3.0.1 Default Rallypoint selections (made in ICE Desktop > Settings > Channel) may be cleared after an ICE Server upgrade. This will result in intercom channels and private calls created after the upgrade from functioning. (ICE-10332)

3.0.1.1 Conditions This occurs when ICE Server is upgraded to version 2.2.0.

3.0.1.2 Workaround After upgrading ICE Server, an ICE administrator should review the Channel default settings to assure a valid Rallypoint has been selected for assigned channel, intercom channel, and telephony defaults.

3.0.2 IP Phone usage on the license management page may be inaccurate after a server upgrade or reboot. (ICE-8458)

3.0.2.1 Conditions If a user remains logged in (i.e., does not logout, so the session continues) to the ICE IP Phone XML client prior to a server upgrade or reboot, then on their next login that user may take up multiple licenses for the session.

3.0.3 Deleting a static reflector from ICE Desktop does not cause the reflector to shut down or otherwise stop operating. (ICE-8405)

3.0.3.1 Workaround To stop the reflections provided by the reflector, system administrators should stop the reflector process (by killing its Docker container) prior to deleting the reflector in the

ICE Desktop application.

3.0.3.2 Additional information When a static reflector has been deleted for ICE Server, the reflector process associated with the deleted entry “coasts”, i.e., the reflector continues to operate in whatever state and configuration existed at the moment of deletion. It will receive no further configuration updates from the server, but will not automatically terminate, either.

3.0.4 People and channel lists do not display all entities when 1000+ users or 200+ channels are created in bulk. (ICE-8130)

3.0.5 The Cassandra Kubernetes pod restart count continuously increments after a fresh installation or upgrade of ICE Server, but there is no loss in service. (ICE-6576)

3.0.5.1 Conditions This occurs only after performing an ICE Server installation onto a Kubernetes cluster or upgrading an existing system in a geographically-redundant configuration. This problem is not seen on single-site deployments (single-node or multi-node).

It affects systems whose link between data centers is slow enough that database schema updates take longer than the built in timeout allows for. A slow persistent storage system—or one under heavy load—may manifest this issue, too.

3.0.5.2 Workaround Run these commands in `cqlsh` (replacing `dc` and `replica` values as appropriate):

```
DROP KEYSPACE reaper_db;
CREATE KEYSPACE reaper_db
  WITH REPLICATION = {
    'class' : 'NetworkTopologyStrategy',
    'dc1' : 1
  };

```

Allow the reaper to finish its schema updates, then in `cqlsh`:

```
ALTER KEYSPACE reaper_db
  WITH REPLICATION = {
    'class' : 'NetworkTopologyStrategy',
    'dc1' : 1,
    'dc2' : 1
  }

```

Finally, on each node in `dc2`, run `nodetool rebuild - dc1`

3.0.6 Poor audio quality is observed when an ICE user calls another ICE user through a PSTN “dial call”. (ICE-4027)

3.0.6.1 Conditions When two users are assigned dial numbers and one user dials another user’s device through the soft-phone feature in the app, the established call will exhibit lower audio quality than expected.

This issue is not exhibited when a user makes a “private call” to another user. Only user-to-user calls placed by dialing a phone number are subject to this limitation.

3.0.6.2 Workaround Instant Connect users should call each other through the private calling mechanism by searching for the user’s name in the directory and clicking the adjacent telephone icon.

3.0.6.3 Additional information This issue is caused by double-encoding “loopback” audio traffic as it enters and leaves the ICE Telephony system.

This document describes changes introduced between build cc725d2 to df37078.