Oracle® Communications Convergence

Release Notes

Release 3.0.3

F99831-01

August 2024

New Features

This chapter provides an overview of the new features introduced in Oracle Communications Convergence 3.0.3.0.0.

New Features Delivered in Convergence 3.0.3.0.0

This section lists the new features released in Convergence 3.0.3.0.0.

Multi-factor Authentication (MFA) Using Oracle Mobile Authenticator (OMA)

Convergence supports Multi-factor Authentication during login using Oracle Mobile Authenticator from Convergence 3.0.3.4.0. This enhances security by adding an additional layer of authentication beyond just a username and password. It restricts unauthorized individuals to gain access to sensitive information.

By default this feature is disabled. When this feature is enabled, you can enter the username, password and then the OTP generated by Mobile Authenticator to login to Convergence.

Directory Server setup 6.4.0.29.0 or above is required for this feature to work.

For more information, see "Configuring Multifactor Authentication using Oracle Mobile Authenticator" in *System Administrator Guide*.

Support for Arabic Language

Support for Arabic language is introduced in Convergence 3.0.3.2.0.

Default RMI Listener is localhost from Convergence 3.0.3.2.0 Onwards

The default RMI listener is set to localhost in Convergence 3.0.3.2.0. By default, only the locallhost option is enabled. A new parameter, **rmi.uselocalhost** is introduced in the **adminservice.properties** file under the **config** folder. You can set this parameter

to true or false. This configuration parameter requires a server restart for the changes to take effect. The default value for **rmi.uselocalhost** is true.

For information about Tuning Iwcadmin Configuration Management Connectivity Login Required, see My Oracle Support article 2637365.1 at: https://support.oracle.com/knowledge/More%20Applications%20and%20Technologies/2637365_1.html.

Forgot Password

You can reset the password using the **Forgot Password** feature available from Convergence 3.0.3.1.0.

By default, this option is disabled. You can enable it by running the following command:

```
./iwcadmin -o base.enableforgotpassword -v true
```

When the option is enabled, you can change password by clicking on the 'Forgot Password' link provided in the Convergence login page. Password reset is protected by two factor authentication. For more information on enabling two-factor authentication, see *Oracle Communication Convergence System Administration Guide*.

JDK 8 Support

Convergence 3.0.3.0.0 and beyond is supported on JDK 8 and above. Support for JDK 7 is removed.

Support for Oracle Unified Directory

Convergence 3.0.3.0.0 release supports Oracle Unified Directory Server 12.2.1.4. For Oracle Unified Directory support, you must install and run DS setup 6.4.0.30.0.

For more information, see "Preparing the Directory Server" and "rundssetup Reference" in *Convergence Installation and Configuration Guide*.

New Convergence Configurator Utility

Convergence 3.0.3.0.0 provides a rewritten initial configuration utility (**init-config**). Prior to Convergence 3.0.3.0.0, **init-config** was built using the InstallSDK framework, that has been obsoleted. The **init-config** utility in Convergence 3.0.3.0.0 is a simpler Perl-based command-line utility that removes the InstallSDK dependency. The new utility also makes it easier to support silent configuration in following releases.

Fixes in This Release

This chapter lists the bugs that were fixed in Oracle Communications Convergence 3.0.3.0.0 and subsequent patches.

> **✎ Note:**
>
> For the list of bugs that have been fixed in 3.0.3.X.0 patches, refer to the patch Readme documents on My Oracle Support (MOS).

Fixes in Release 3.0.3.0.0

Table 2-1 lists and describes the bugs fixed in this release of Convergence.

Table 2-1   Fixes in Release 3.0.3.0.0

Reference	Description
Bug #: 33003005	Convergence upgrade over LDAPS is now working on OL7, using openldap.
Bug #: 33109545	The IWC init-config configuration was failing with JDK 1.8.0_291 due to a JNI error caused by a dependency on installsdk libraries. This has been fixed in Convergence 3.0.3.0.0. For any version prior to that, JDK8 versions jdk 1.8.0_271 or below should be used as a workaround.
Bug #: 33563575	Convergence Build and Installer supports JDK 1.8 now.
Bug #: 33589870	The legacy setupJDK installer used by Convergence has been replaced with a Perl-based installer for JDK 8 support in Convergence 3.0.3.0.0.
Bug #: 33605762	The OWASP html sanitizer jars have been upgraded to the latest version.
Bug #: 33703121	Third party jars for Convergence have been upgraded to the latest version.
Bug #: 12305572	Third Party jar upgrade for Convergence: remove http-bind, jso.jar, collab-api.jar, xp.jar, saxpath.jar, jaxen-core.jar.
Bug #: 35561683	The user can restrict attachment types for end users in Convergence.
Bug #: 35639870	You can configure the Convergence deployment to restrict the number of emails that can be sent to recipients within a defined time period.
Bug #: 35688083	Email signatures with an apostrophe were being returned with a backslash when composing an email. This issue is now resolved.
Bug #: 35908369	Some localized characters in the message body were being replaced with a replacement character when accessed from Convergence. This issue is now resolved.
Bug #: 36031577	You can restrict end users from sending emails with modified **From** addresses.
Bug #: 36138933	Convergence supports multi-factor authentication using Oracle Mobile Authenticator when logging in.
Bug #: 36228951	Autocomplete can display more than 10 corporate directory users in Convergence using customization.
Bug #: 13084765	The 160-character limit for a single SMS has been removed in the SMS UI because messages with a mix of ASCII and non-ASCII characters can be sent beyond character limit.

Table 2-1   (Cont.) Fixes in Release 3.0.3.0.0

Reference	Description
Bug #: 34818478	Convergence now supports the Arabic language.
Bug #: 34850101	Convergence supports email forwarding addresses up to 63 characters after **@** and **.**
Bug #: 34871810	The spacing issue seen for module names and dropdown fields in RTL mode is now resolved.
Bug #: 35249020	The httpClient, httpCore, and httpmime jars have been upgraded to the latest version.
Bug #: 35263940	When the Forgot Password option is enabled, users can send OTP and verify it in the LDAP schema 1.
Bug #: 33737756	The following third-party jars have been removed from Convergence: • jso.jar • collab-api.jar • xp.jar • saxpath.jar • jaxen-core.jar
Bug #: 35513179	The following third-party jars have been upgraded in Convergence (3.0.3.2.0): • commons-cli.jar • json.jar • log4j jars • owasp library jar
Bug #: 35524533	Convergence now allows attachment downloads with a hash special character.
Bug #: 28089615	The issue of the base.sslport configuration getting lost after a Convergence upgrade is now resolved.
Bug #: 30679290	A 'Forgot Password' link has been added to Convergence login page allowing users to reset their passwords on their own.
Bug #: 33968355	The **ObjectClass: sunUCPreferences** attribute is added to a user's LDAP entry upon their first login to Convergence using an **add** operation instead of a **replace** operation.
Bug #: 34351809	When a group was selected in Convergence, it performed the search against the UID of the users instead of their email ID, causing similar UIDs to be included in the group listing. This issue is now resolved.
Bug #: 34644720	The init-config script for Convergence assumed the bind DN would start with cn=, leading to errors when the DN started with something else, for example, uid=. This issue is now resolved.
Bug #: 34644883	Ownership of **iwc.appsrv.DocumentRootDirectory** folder was set incorrectly during **init_config** and it results in root ownership instead of the intended **<iwc.webContainerUserID>:<iwc.webContainerGroupID>.**
Bug #: 34647898	In Convergence, the issue with mailto links not working in plain text emails has been fixed.

Known Problems

This chapter describes the known problems and workarounds in Oracle Communications Convergence 3.0.3.0.0.

- General and Installation Issues
- Messaging Issues
- Calendar Issues
- Address Book Issues
- Options Issues
- Oracle WebLogic Server Issues
- Advertising Issues
- Customization Issues

General and Installation Issues

This section groups together the general known issues for Convergence.

No Support for Smart Phones

Release: 3.0.3.0.0

Bug number: NA

This release of Convergence does not include support for smart phones.

After Reloading UI, the Mail Tab Is Displayed

Release: 3.0.3.0.0

Bug number: 12213298

When you reload Convergence in the browser, the **Mail** tab appears, even if you were viewing a different tab before reloading Convergence.

Messaging Issues

This section groups together the known issues pertaining to the messaging service in Convergence.

Convergence Mail Attachment Search does not Work with Messaging Server 8.1

Patch set: 3.0.3.0.0

Bug number: 29960010

When you configure Convergence with Messaging Server 8.1, Mail Attachment search does not work from **Mail** > **Attachments**.

To work around this issue, use elastic search. If elastic search is not configured, by default, **bruteforce** is used.

Error displayed in Tablet While Moving a Message in Two-Pane Layout

Release: 3.0.3.0.0

Bug number: 28625579

This issue is seen with tablets only. In the two-pane layout, when a user moves email messages across folders, an error is displayed in the **Move Message** dialog box on clicking **OK**. However, the message is moved to the selected folder and the error can be ignored.

Email List is Not Automatically Refreshed in Tablet After Deleting an Email in Two-Pane Layout

Release: 3.0.3.0.0

Bug number: 28643608

This issue is seen with tablets only. In the two-pane layout, when a user deletes an email, the email list is not automatically refreshed. However, the email list is getting refreshed when a user clicks on the **Get Mail** icon.

SMIME Feature is Not Working in Convergence 3.0.3.0.0

Patch sets: 3.0.3.0.0

Bug number: 35104338

SMIME functionalities in Convergence can only be run on browsers that support Java Applet. Since the latest browsers do not support Java Applet, SMIME features are not working in Convergence 3.0.3.X.0.

Calendar Issues

This section groups together the known issues pertaining to the calendar service in Convergence.

Yahoo Event Invitations Do Not Properly Display

Release: 3.0.3.0.0

Bug number: 18760552

When a user receives an iMIP/iTIP event notification email from Yahoo, the details are not properly displayed. The UI message format is broken, and RSVP options are not correctly displayed. In addition, the event isn't added to the calendar.

To work around this issue, add the channel option **wrapsmtplonglines** to control the Message Transfer Agent (MTA) behavior when it sees illegally long lines in incoming SMTP messages as per Editing MTA Channel Options. Also, manually add the event to your calendar.

See the Oracle wiki for more information:

https://wikis.oracle.com/display/CommSuite/Editing+MTA+Channel+Options

Yahoo Event Responses Are Not Displayed Properly

Release: 3.0.3.0.0

Bug number: 17388807, 16773937

When a Yahoo user has been invited to an event and that Yahoo user has replied to the invitation, the organizer of the event is likely to have problems viewing the Yahoo user's response in the calendar event.

To work around this issue, refer to the email with the Yahoo user's response to the invitation.

Cannot Invite a User to an Event if User Display Name Includes Double Quotes

Release: 3.0.3.0.0

Bug number: 17386456

If a user display name includes double quotes (for example, *display"name*), that user cannot be added to an invitation.

There is no workaround for this issue.

Calendar Properties Labels Incorrectly Aligned for Japanese Locale

Release: 3.0.3.0.0

Bug number: 13495595

When using Convergence in Japanese, Simplified Chinese, Traditional Chinese and Korean languages, some labels for Calendar properties are incorrectly aligned.

Address Book Issues

This section groups together the known issues pertaining to the address book service in Convergence.

Convergence Login Fails if User Has Large Number of piStore Entries

Release: 3.0.3.0.0

Bug number: 12813939

Convergence login fails if user has large number of piStore entries.

To work around this issue, reset following convergence parameters to accommodate long LDAP command delay:

- ugldap.timeout
- ab.storeentrieslimit
- ab.pstore.lookthrulimit

Wait for ugldap.timeout to expire then refresh the Convergence login screen.

Options Issues

There are no known issues pertaining to Convergence user options.

Oracle WebLogic Server Issues

This section groups together the known issues for Convergence Oracle WebLogic Server.

Oracle WebLogic Server does not Support Oracle Solaris 10

Patch set: 3.0.3.0.0

Bug number: 29719615

When you use Oracle WebLogic Server, Convergence configuration script fails to deploy Convergence on Solaris 10. Oracle Solaris 10 is not a certified platform for Oracle WebLogic Server 12.2.1.3.0.

Context path of static files is fixed to iwc_static for Convergence Deployed on Oracle WebLogic Server

Patch set: 3.0.3.0.0

Bug number: 31028618

When you configure Convergence on Oracle WebLogic Server, it deploys two applications, **Convergence** and **Convergence_Client**. By default, the context root for Convergence is **/iwc**. You can modify this context root during the initial configuration.

The context root for **Convergence_Client** is **/iwc_static** and you cannot modify this option during the initial configuration.

Advertising Issues

There are no known issues pertaining to the advertising module in Convergence.

Customization Issues

This section groups together the known issues for Convergence customizations.

Default IWCP Command Format in XML and Invalid Commands Return XML Only

Release: 3.0.3.0.0

Bug number: 12807684

Response of invalid commands with explicit fmt-out=text/json only return XML.

Convergence Does Not Display Right-to-Left Languages Properly

SR number: 1-473996841, 1-584006005, 1-622051802

Bug number: 12247522 (SUNBT6745772)

This issue occurs if you enable customization and perform the steps to add a custom language to Convergence, then log in as a user created in LDAP with a language preference set to the custom language (for example, Arabic). The UI displays text and aligns widgets left-to-right instead of right-to-left.

Convergence Hangs After Adding New Language

Release: 3.0.3.0.0

Bug number: 12247514 (SUNBT6745757)

This issue occurs if you enable customization and perform the steps to add a custom language to Convergence, creating a directory structure as shown in this example:

*c11n_Home***/allDomain/nls/***new_language***/resources.js**

Convergence does not load the directory and the Convergence UI never appears.

To work around this issue, create an empty **resources.js** file in the *c11n_Home***/allDomain/nls** directory (in addition to the **resources.js** file in the *new_language* directory).

Documentation Updates

This chapter lists any important documentation updates in this release of Oracle Communications Convergence.

Convergence Glossary

A glossary is included as an appendix to *Convergence System Administrator's Guide*.

New Appendices

Convergence Installation and Configuration Guide is enhanced with:

- An appendix containing reference information about the Unified Communications Suite installer and the **commpkg** command.

- An appendix containing reference information about preparing the directory server and the **rundssetup** script.

- An appendix containing reference information about scripts used in Convergence.

- An appendix containing reference information about Migrating ODSEE deployment to OUD deployment.

Deprecated and Removed Features

This chapter lists any features deprecated or removed from Oracle Communications Convergence.

Deprecated Features

Convergence no longer supports social add-on services.

Removed Features

There are no removed features in this release of Convergence.

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

Access to Oracle Support

Oracle customer access to and use of Oracle support services will be pursuant to the terms and conditions specified in their Oracle order for the applicable services.