

Oracle® Communications Convergence

Release Notes

Release 3.0.2

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Oracle Communications Convergence Release Notes, Release 3.0.2

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Preface

This guide provides release notes for Oracle Communications Convergence.

Audience

This document is intended for personnel who install and use Convergence and for system administrators responsible for managing Convergence.

Related Documents

For more information, see the following documents:

- *Convergence Installation and Configuration Guide*: Describes the requirements for installing Convergence.
- *Convergence System Administrator's Guide*: Describes how to manage and administer Convergence.
- *Convergence Security Guide*: Describes how to install and configure Convergence in a secure configuration.
- *Convergence Customization Guide*: Describes how to customize the appearance and functionality of Convergence.

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New Features

This chapter provides an overview of the new features introduced in Oracle Communications Convergence 3.0.2.

New Features Delivered in Convergence 3.0.2 Patch Sets

This section lists the new features released in Convergence 3.0.2 patch sets.

Convergence is Now Certified on Oracle WebLogic Server (Patch Set 1)

In this release, Convergence is additionally certified on Oracle WebLogic Server. See *Convergence Installation and Configuration Guide*, *System Administrator's Guide*, *Security Guide*, and *Customization Guide* for more information.

New Features Released in Convergence 3.0.2

This section lists the new features initially released in Convergence 3.0.2.

Convergence User Interface Enhancement

In previous releases, the conventional two-pane layout is used for Convergence user interface.

In this release, a new look and feel is provided to Convergence user interface through a compelling three-pane layout. This includes the following enhancements in the user interface:

- A Hamburger menu (three line menu) icon is added to access the different Convergence services (Mail, Calendar, and Address Book).
- All toolbar icons are replaced with the text.
- In the Mail service, three panes such as Navigation, Message Listing, and Message View are displayed.
- In Message Listing pane, a message grid (preview of the original email message) is displayed.
- In Calendar service, user can search calendar resources based on the resource type and details and can reserve it for a calendar event. See the discussion about Reserving Calendar Resources in *Convergence System Administrator's Guide* for more information.
- The Options tab is renamed as Settings and it is displayed in user's name drop-down menu in the Convergence banner.

The Convergence online Help includes instructions for setting the different layouts in Convergence User Interface.

Convergence Theme Enhancement

Convergence enables you to set a theme to customize the client's look-and-feel.

In this release, Convergence supports a new theme "Altair".

The Convergence Online Help includes instructions for setting the different themes for Convergence User Interface.

See the discussion about Theme Customization in *Convergence Customization Guide* for more information.

Convergence is Now Certified on GlassFish Server Open Source Edition 5.0

In this release, Convergence is additionally certified on GlassFish Server Open Source Edition 5.0.

Note: Oracle does not provide support for GlassFish Server Open Source Edition 5.0.

Java 8 Support

In previous releases, Convergence supported JDK7 with latest critical patch update.

In this release, Convergence is additionally supported on JDK8 and is certified on JDK versions 8u144 to 8u152.

Additional Platform Support

In this release, Convergence is additionally supported on Oracle Linux (OL) 7.x operating system.

Support for Oracle Communications WebRTC Session Controller 7.2.0.2.0

With this release, Convergence now supports Oracle Communications WebRTC Session Controller 7.2.0.2.0.

Support for Log4j Appender Framework

Convergence is enhanced with the following new components for logging:

- IM Gateway (HTTPBIND)
- Network logs for HTTPBIND (HTTPBIND_XFER)
- Avatar logs for HTTPBIND (HTTPBIND_AVATAR)

Also, Users can now set or unset the logging properties for an individual component of convergence. Appender reference is used to set or unset the logging properties.

Convergence users can specify the following logging properties for an individual component after the appender reference is set for the component:

- `log.appender.component_name_APPENDER.type`
- `log.appender.component_name_APPENDER.location`

- `log.appender.component_name_APPENDER.sizetriggerval`
- `og.appender.component_name_APPENDER.maxbackupindex`
- `log.appender.component_name_APPENDER.pattern`

where `component_name` is the name of component of Convergence.

See the discussion about Logging in *Convergence System Administrator's Guide* for more information.

HTML Filtering

Convergence is enhanced to sanitize email content to avoid execution of potentially malicious content before rendering the email message in Convergence User Interface.

See the discussion about HTML filtering in *Convergence System Administrator's Guide* for more information.

Whitelisting of Hosts for Better Security

Convergence is enhanced with configuration parameters to add whitelisting hosts to improve handling of Convergence setup with multiple domains securely.

Email Address Auto-Completion Enhancements

Convergence is enhanced with an option to collect email addresses that do not already appear in the corporate or personal address books. When Convergence users enable this option, Convergence collects email addresses in a new address book called Collected Addresses. By enabling this option, Convergence can auto-complete a greater number of email addresses. Users can copy email addresses from the Collected Addresses address book into their personal address books.

Calendar Service Enhancements

Convergence Calendar service includes the following enhancements:

- Allows users to mark event attendees as either mandatory or optional.
- Allows users to tag the calendar events with multiple and customized event categories.
- Allows users to remember the last selected calendars even when they log out of Convergence.

The Convergence online Help includes instructions for setting the different calendar service enhancements in Convergence User Interface.

Other New Features Included in Convergence 3.0.2

This section lists the new features originally introduced in Convergence 3.0.1 Patch Sets but also included in Convergence 3.0.2.

Support for Tablet and iPad (3.0.1 Patch Set 2)

Convergence 3.0.1.2.0 added support for tablet and iPad.

Support for Secondary Email Address (3.0.1 Patch Set 3)

Convergence is enhanced with an option to add a secondary email address for an account. When Convergence users enable this option, password reset instructions will be sent to the secondary email address.

If Convergence users do not have a secondary email address set for their account, or if users have not confirmed the secondary email address, a banner message appears each time they log in to Convergence.

Deployment-Level Configuration Enhancements (3.0.1 Patch Set 3)

Convergence is enhanced to include the following deployment-level configuration enhancements:

- Convergence is enhanced with an option to enable/disable external accounts. By enabling this option, users can view **External Accounts** node under **Mail** section in **Options/Settings** in User Interface.
- Convergence is enhanced with an option to enable all available themes or a subset of themes. The theme selector dialog in User Interface shows all the themes that a user has defined in the `client.enabledtheme` parameter. Theme selector dialog is not displayed if a single theme is defined in the `client.enabledtheme` parameter.
- Convergence is enhanced with an option to hide or show the SMS option in the **Notifications** tab in **Calendar** Options and in the **Reminder** dialog box in User Interface.

Option to Set Timezone (3.0.1 Patch Set 4)

Convergence provides an option to hide or show the **Time Zone** field in **Date & Time** tab under **Global** section in **Options/Settings** in User Interface. By enabling this option, users can set the timezone using the User Interface.

Signature Placement in Email Message (3.0.1 Patch Set 4)

Convergence provides an option for the users to specify where signature will appear in an email message. By enabling this option, a new check box, **Insert the signature before the quoted text**, is added in the **Local Account** tab under **Mail** section in **Options/Settings** in the user interface.

Response to Calendar Invitations for Recurring Events (3.0.1 Patch Set 4)

Convergence now allows you to accept or reject invitation to all the recurring events at once. To support this, a new dialog box with the following options has been added in the Invitation Detail view in Convergence UI:

- Apply to all
- Only this one
- Cancel

Multipart/Mixed Email Content (3.0.1 Patch Set 4)

Convergence supports display of multipart/Mixed email content.

Fixes in This Release

This chapter lists the bugs that were fixed in Oracle Communications Convergence 3.0.2.0.0.

Note: For the list of bugs that have been fixed in 3.0.2 patch sets, refer to the patch Readme documents on My Oracle Support (MOS).

Fixes in Release 3.0.2

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

Table 2–1 *Fixes in Release 3.0.2*

Reference	Description
Bug #: 27946941	Email Addresses with diacritic and non-diacritic signs can be found while using auto-complete in mail compose tab.
Bug #: 27772011	When a user sets the lang parameter to hello , the UI displays text and aligns widget left-to-right now.
Bug #: 27477887	The message is properly displayed even when the message has both text/html and text/x-watch-html parts.
Bug #: 27368872	Convergence HTML sanitizer now supports whitelisting additional CSS properties and allowing URLs in inline styles.
Bug #: 27355473	When HTML filtering is enabled in Convergence, links are properly displayed in HTML email messages.
Bug #: 27350955	When HTML filtering is enabled in Convergence, presence of unicode characters in email content doesn't show client error.
Bug #: 27189797	Convergence is working properly with Firefox version 35.
Bug #: 27082113	When the configuration property is not set and user logs in with the expired password, Change Password button is not displayed.
Bug #: 27050550	In Safari desktop, when you drag and drop a message from the right pane to any folder, the messages are now displayed correctly in the email message grid.
Bug #: 27003023	In email notifications, only the necessary calendar event details are displayed.
Bug #: 26826007	The email message with only inline image and no body text is displayed properly in Convergence.
Bug #: 26821729	Scroll bar is not displayed in the printed email message.

Table 2–1 (Cont.) Fixes in Release 3.0.2

Reference	Description
Bug #: 26434491	When a user closes the email editor without saving the changes, the soft keyboard does not pop-up unnecessarily.
Bug #: 26365734	The domain specific Change Password page works properly when an administrator resets password.
Bug #: 26042458	When a calendar event is created for more than one day, the event is displayed properly in all the calendar views.
Bug #: 26020493	In Convergence UI, the Set Reminder field on the New Event page is properly displayed in French version.
Bug #: 25711923	When a user receives an iMIP/iTIP event notification email from Novell GroupWise client, the details are displayed properly.
Bug #: 25023726	Save Preferences and Cancel buttons are disabled if the Start Date or End Date field is not updated in the Vacation Message page.
Bug #: 12262921	Images in the incoming mail are properly shown or blocked according to the setting of the configuration parameter.
Bug #: 12305572	User can remember the last selected calendars even when the user logs out of Convergence.

Known Problems

This chapter describes the known problems and workarounds in Oracle Communications Convergence 3.0.2.

- [General and Installation Issues](#)
- [Messaging Issues](#)
- [Calendar Issues](#)
- [Address Book Issues](#)
- [Instant Messaging Issues](#)
- [Options Issues](#)
- [WebRTC Issues](#)
- [Oracle WebLogic Server Issues](#)
- [Advertising Issues](#)
- [Customization Issues](#)

General and Installation Issues

This section groups together the general known issues for Convergence.

Convergence Login Fails in GlassFish 5.0 Setups Configured using LDAP over SSL

Patch set: 3.0.2.2.0

Bug number: 29853011

Convergence login fails in GlassFish 5.0 setups when initial configuration is used with LDAP over SSL.

To workaround this issue, use the GlassFish Server version 5.0.1.

Cannot Integrate Convergence with Calendar Server 6.3

Release: 3.0.2.0.0

Bug number: 21058516

Convergence cannot be integrated with Oracle Communications Calendar Server 6.3 anymore. However, when you run the **init-config** script to configure Convergence, you are presented with the option to select Calendar Server 6.3 as the provider of the calendar service in Convergence.

To work around this issue, do not select Calendar Server 6.3 when you configure Convergence using the **init-config** script.

Unable to Run Convergence initial configuration script (init-config) with JDK8 for Oracle Solaris on SPARC

Release: 3.0.2.0.0

Bug number: 28210471

The Convergence initial configuration script (**init-config**) cannot be run with JDK8 for Oracle Solaris on SPARC. However, the **init-config** script can be run with JDK8 for other supported operating systems. See *Convergence Installation and Configuration Guide* for the information on supported operating systems.

To work around this issue, Oracle Solaris on SPARC should use JDK7 to run the **init-config** script while configuring Convergence.

S/MIME Applet not working with HTTPOnly Cookies

Release: 3.0.2.0.0

Bug number: 28175736

In Convergence, when HTTPOnly cookies are set, the Secure/Multipurpose Internet Mail Extension (S/MIME) applet is not working.

To work around this issue, it is recommended to set HTTPOnly settings to false when S/MIME is enabled in the deployment.

An Exception is Thrown while Configuring, Upgrading Convergence, and Restarting GlassFish Server 3.1.2

Release: 3.0.2.0.0

Bug number: 27590679

Log4j upgrade to version 2.9+ causes `ArrayIndexOutOfBoundsException` to be shown in GlassFish Server logs during configuration, upgrade of Convergence and restart of GlassFish Server 3.1.2. However, there is no functionality loss noticed because of the exception.

Convergence Upgrade Fails with LDAP Over SSL (LDAPS) and OpenLDAP Clients for Solaris 10

Release: 3.0.2.0.0

Bug number: 28184033

For Solaris 10, when Convergence is configured using LDAPS and OpenLDAP clients, upgrade fails.

To work around this issue, use Oracle Directory Server Enterprise Edition (ODSEE) based LDAP client for convergence upgrade by setting `LDAP_SERVER_HOME` to ODSEE location as appropriate.

Convergence iwcadmin Help Displays Incorrect Filename in Default Value for HTTPBIND Log Location Parameter

Release: 3.0.2.0.0

Bug number: 28245213

The filename for 'Default Value' of log location parameter for the HTTPBIND, HTTPBIND_XFER, and HTTPBIND_AVATAR components is incorrectly displayed in **iwadmin** help command in console.

Instead the 'Current Value' attribute in the output of **iwadmin** help command refers to the correct names of the log files for all the HTTPBIND components.

No Support for Smart Phones

Release: 3.0.2.0.0

Bug number: NA

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

Running init-config Displays Warning with JDK7 in Linux

Release: 3.0.2.0.0

Bug number: 18234184

Java HotSpot Server VM warning: You have loaded library /opt/sun/comms/iwc/lib/libsetupSDKJNI.so which might have disabled stack guard. The VM will try to fix the stack guard now. It's highly recommended that you fix the library with 'execstack -c <libfile>', or link it with '-z noexecstack'. Finished Loading Default Properties...

After Reloading UI, the Mail Tab Is Displayed

Release: 3.0.2.0.0

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: 3.0.2.2.0

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: 3.0.2.0.0

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: 3.0.2.0.0

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.

Attachment Search Fails with CCJ Character Set File Names

Release: 3.0.2.0.0

Bug number: 12275399

This issue occurs only while searching for two or more characters in a substring.

Calendar Issues

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

Calendar Event Alarms Not Being Sent By Instant Message

Release: 3.0.2.0.0

Bug number: 20968603

Oracle Communications Calendar Server can be configured to send event alarms to Oracle Communications Instant Messaging Server release 9.x. Convergence does not display instant messages for event alarms.

Yahoo Event Invitations Do Not Properly Display

Release: 3.0.2.0.0

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: 3.0.2.0.0

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: 3.0.2.0.0

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: 3.0.2.0.0

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: 3.0.2.0.0

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.lookthru limit

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

Errors in iwc_admin Log after Configuring Multiple Corporate Directories

SR number: 3-4124748511, 3-5418585761

Bug number: 12296971

After correctly configuring two corporate directories in an organization, log files show errors after restarting the GlassFish server.

Instant Messaging Issues

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

Calendar Event Alarms Not Being Sent By Instant Message

Release: 3.0.2.0.0

Bug number: 20968603

Oracle Communications Calendar Server can be configured to send event alarms to Oracle Communications Instant Messaging Server release 9.x. Convergence does not display instant messages for event alarms.

Options Issues

There are no known issues pertaining to Convergence user options.

WebRTC Issues

This section groups together the known issues pertaining to the Web real-time communication (WebRTC) service in Convergence.

PSTN Service may Not be Working

Release: 3.0.2.0.0

Bug number: 28183713

The public switched telephone network (PSTN) calls may not work when used with Convergence 3.0.2 and Oracle WebRTC Session Controller 7.2 or 7.1.

Unable to Make Outgoing PSTN Calls

Release: 3.0.2.0.0

Bug number: 20303154, 20211855

When Convergence is integrated with Oracle WebRTC Session Controller, which is installed with Media Engine 7.0, Convergence cannot make outgoing calls to the public switched telephone network (PSTN), or outgoing PSTN calls get disconnected.

Voice and Video Calling Not Working in Firefox 34 or 36

Release: 3.0.2.0.0

Bug number: 20302366

In some cases, peer-to-peer video and voice calls do not work when Convergence is open in Firefox version 34 or 36.

To work around this issue, use an earlier or later version of Firefox, or use a different browser.

Screen Sharing Continues After Call is Put on Hold

Release: 3.0.2.0.0

Bug number: 18676752

If user1 is on a call and is sharing his screen with user2, then places the call on hold and accepts a video conference from another user, user2 continues to see the screen from user1.

Multiple Login Messages Appear After Firefox Crashes During a Conference

Release: 3.0.2.0.0

Bug number: 18670858

When Firefox with a valid Convergence session in progress terminates and the browser is restarted, the Convergence session is displayed and mail/calendar/AB/IM works as expected. But, a login popup to the Webrtc Session Controller (WSC) server is also displayed. Even when the user is not in the Convergence window and the popup had been dismissed previously, the popup keeps reappearing.

To work around this issue, the user should logout of Convergence and login again.

Video Conference Not Displaying Video for Additional Participants

Release: 3.0.2.0.0

Bug number: 18497072

If invitations are sent to multiple users at the same time to participate in a video conference, the joining participants cannot see the video conference.

To work around this issue, send out invitations one at a time and wait for each user to accept or decline the invitation before inviting another user.

Cannot Load Filmstrip Video Conference During a Conference

Release: 3.0.2.0.0

Bug number: 18379769

In Firefox, in a video conference that has lasted more than five minutes, switching the video mode to filmstrip fails to load.

To work around this issue, do not switch to the film strip view after five minutes of video conferencing.

WIT Server Does Not Work if Convergence Uses a Customized Main Page Location

Release: 3.0.2.0.0

Bug number: 17072512

If you have customized the location of the Convergence **main.html** page, the WIT Server does not work.

To work around this issue, copy the **webcom.swf** directory from *Convergence_Domain/* **docroot/iwc_static/layout/** to the same directory as your **main.html** page.

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: 3.0.2.2.0

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.

Oracle WebLogic Server does not Support Instant Messaging Service

Patch set: 3.0.2.2.0

Bug number: 29993895

Instant Messaging Service and other services such as SMS and WSC integration are not supported in Convergence 3.0.2.2.0 setup that is deployed on Oracle WebLogic Server.

To workaroud this issue, use GlassFish Server deployments.

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

Patch set: 3.0.2.2.0

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: 3.0.2.0.0

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: 3.0.2.0.0

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 **comm_dssetup** script.

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.

