

# Oracle® Communications Converged Application Server Release Notes



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G34033-02  
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1. Select 2 for New Service Request.
2. Select 3 for Hardware, Networking, and Solaris Operating System Support.
3. Select one of the following options:
  - For technical issues such as creating a new Service Request (SR), select 1.
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- A total system failure that results in loss of all transaction processing capability
- Significant reduction in system capacity or traffic handling capability
- Loss of the system's ability to perform automatic system reconfiguration
- Inability to restart a processor or the system
- Corruption of system databases that requires service affecting corrective actions
- Loss of access for maintenance or recovery operations
- Loss of the system ability to provide any required critical or major trouble notification

Any other problem severely affecting service, capacity/traffic, billing, and maintenance capabilities may be defined as critical by prior discussion and agreement with Oracle.

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1. Access the Oracle Help Center site at <http://docs.oracle.com>.
2. Click **Industries**.
3. Under the Oracle Communications sub-header, click the **Oracle Communications documentation** link.  
The Communications Documentation page appears. Most products covered by these documentation sets appear under the headings "Network Session Delivery and Control Infrastructure" or "Platforms."
4. Click on your Product and then Release Number.  
A list of the entire documentation set for the selected product and release appears.
5. To download a file to your location, right-click the **PDF** link, select **Save target as** (or similar command based on your browser), and save to a local folder.

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# Revision History

**Table 1** Revision History

Date	Revision
July 2025	<ul style="list-style-type: none"><li>Initial release</li></ul>
August 2025	<ul style="list-style-type: none"><li>Adds feature for disabling session timers.</li></ul>

# 1

## New Features

Release 8.2 of the Converged Application Server supports the following new features.

### **Oracle WebLogic Server**

This release uses version 14.1.2 of the Oracle WebLogic Server.

For new features in this release, see "[What's New in Oracle WebLogic Server](#)" in *What's New in Oracle WebLogic Server*.

### **Oracle Coherence**

This release uses version 14.1.2 of Oracle Coherence.

For new features in this release, see "[What New in this Release](#)" in the *Release Notes for Oracle Coherence*.

### **Remote Admin Console**

The previous web interface has been removed. The Converged Application Server now only supports the [Remote Admin Console](#).

### **Session Management Control Capability**

Release 8.2 supports the ability to disable the session keep-alive as defined by RFC 4028.

### **ESXi Support**

Release 8.2 supports ESXi 8. Support for ESXi 7 is deprecated.

### **Disabling RFC 4028 Session Timers**

See the section "Disabling Session Keep Alive" in the *Developer Guide* for how to disable session timers for the entire application.

# 2

## Software Versions

Use the following software versions when deploying the Converged Application Server.

**Table 2-1 Software Versions**

Software	Version
Oracle WebLogic Server	14.1.2.0.0
Oracle Coherence	14.1.2.0.0
Java	Either 17 or 21
Oracle Linux	8.10 or later



# 3

## Known Issues

The following table lists the known issues in this release and the workaround for each issue.

**Table 3-1 Known Bugs in this Release**

BugID	Description
38088650	<p>Adding or editing specific configuration with respect to the newly created authentication providers is not possible, due to the missing "Provider Specific" tab/slice in this release, which will be termed as "Custom Parameters" going forward in the upcoming Remote Console release.</p> <p>The following types of authentication providers are missing the Custom Parameters tab:</p> <ul style="list-style-type: none"> <li>• DBMS Digest Identity Asserter</li> <li>• PAsserted Identity Asserter</li> <li>• PAsserted Identity Strict Asserter</li> <li>• X3gpp Asserted Identity Asserter</li> <li>• X3gpp Asserted Identity Strict Asserter</li> <li>• Identity Assertion Authenticator</li> <li>• Identity Header Asserter</li> <li>• Ldap Digest Identity Asserter</li> </ul> <p>For a workaround, see the Workarounds section.</p>
38059951	<p>In the hosted Remote Console, the "Create" option does not show options for creating an entry in the "Map by Router" section under Profile Service – Diameter Domain</p>
38065383	<p>On modifying any property that requires restart, there is no banner on the Remote Console informing the user that "Restart may be required for property change to be effective." However across that property there is an icon which indicates "Server or App Restart is required."</p>
37975561	<p>Error Message pops up (Unexpected Error Response) when clicking Sip Application RunTime, and then Deployed Application name.</p>
37942688	<p>Under <b>Custom Resources</b>, and then <b>sipserver</b>, and then <b>SIP Server</b>, there is no page which displays the "Targets" fields. This page identifies the servers or clusters to which the Converged Application Server configuration is targeted.</p>

Table 3-1 (Cont.) Known Bugs in this Release

BugID	Description
20742195	The RFC 6665 specification states that proxy servers that do not add Record-Route header fields to the initial SUBSCRIBE request are then prohibited from adding Record-Route header fields to any associated NOTIFY requests. However, Converged Application Server does not check for Record-Route header fields in NOTIFY requests. Developers creating applications for Converged Application Server should not call <code>Proxy.setRecordRoute(true)</code> , or <code>proxyBranch.setRecordRoute(true)</code> when handling notify requests that did not already set the Record-Route header field in a Register request.
20318523 / 20550145	Associating too many sessions with a single key causes performance problems.  When using the new <code>SipApplicationSession.addIndexKey()</code> method, ensure that the session keys you create are unique to subscribers. This strategy helps you avoid performance degradation problems.  If your session keys are unique to subscribers and large reads still cause performance problems, try paging the result when iterating over the read index record.  If your session keys are unique to subscribers and large writes still cause performance problems, try splitting large index records into smaller "chunks." That way you do not need to deserialize the full record to add or remove values from it.
18066581	Deploying SIP applications that declare <code>ServletContainerInitializer</code> can in some cases cause the <code>onStartup()</code> method to be called twice. You can prevent this by using the <code>wlss.initializer.classes</code> system property to specify and limit SIP specific container initializers.
15957604	Applications should not try to inject a resource with the same name in both a field and method. For example, injecting a <code>SipFactory</code> resource with the same name into both the <code>setMySipFactory</code> method and the <code>mySipFactory</code> field is not supported. This behavior is prohibited by JavaEE specification EE.5.2.3, but this release of Converged Application Server does not specifically check for this error. Violating this rule can cause unexpected behavior.

### Workarounds

As a workaround for issue 38088650, first navigate to **Security**, and then **Realms**, and then your realm, and then **Authentication Providers**. Create a new provider and provide details about the Name and Type. Next, switch to the REST API or WLST to configure specific attributes.

For example, to configure with the REST API, fetch the list of providers from this endpoint: .

```
http://<hostname>:<port>/management/weblogic/latest/edit/  
securityConfiguration/realms/myrealm/authenticationProviders/
```

Next add or update the configuration using this endpoint: .

```
http://<hostname>:<port>/management/weblogic/latest/edit/  
securityConfiguration/realms/myrealm/authenticationProviders/MyAuthProvider
```

Replace <hostname> with the hostname or IP address of your webserver, and replace <port> with the port that the Admin Server listens on.

By contrast, to configure using WLST, you might run this script:

```
startEdit()  
cd('/SecurityConfiguration/replicatedOccasDomain/Realms/myrealm/  
AuthenticationProviders/MyAuthProvider')  
set('TrustedHosts',jarray.array([String('trustedHostedNames')], String))  
activate()
```