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Known Issues for Oracle Integration Cloud Service

Release 16.4.5

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This guide describes Oracle Integration Cloud Service known issues and workarounds.

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Oracle Cloud Known Issues for Oracle Integration Cloud Service, Release 16.4.5

E55682-22

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Preface

Known Issues for Oracle Integration Cloud Service describes known issues and workarounds when using Oracle Integration Cloud Service.

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Audience

Known Issues for Oracle Integration Cloud Service describes known issues for users who want to create, activate, and monitor application integrations..

Related Resources

For more information, see these Oracle resources:

- Oracle Cloud

  http://cloud.oracle.com

- *Getting Started with Oracle Cloud*

- *Using Oracle Integration Cloud Service*

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

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Adapter Issues

This section describes issues associated with adapters.

Topics

- Processing a Large Number of Files with the FTP Adapter in a Clustered Environment May Result in Lost Output Files

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- Oracle Logistics Adapter Requires Logistics Cloud Version 6.4.2 or Later

Processing a Large Number of Files with the FTP Adapter in a Clustered Environment May Result in Lost Output Files

By default, the maximum number of files that can be processed by the FTP Adapter in a scheduled run is 100. If you are processing a larger number of files (for example, 5000 files) to be received by an FTP Adapter write operation, it is mandatory to map the FTP read file operation headers and FTP write file name headers in the mapper. If you do not map the headers, output files may be lost when compared to the number of processed input files.

Netsuite Adapter Does Not Support Netsuite WSDL Endpoints Beyond Version 2015_1_0

The Netsuite Adapter does not support Netsuite WSDL endpoints beyond version 2015_1_0. To connect to Netsuite application versions 2015_2_0 and beyond, use the 2015_1_0 version of the Netsuite WSDL endpoint.

Deployment and Registration of Custom On-Premises Cloud Adapter Is Not Supported

You can deploy and register your own custom cloud adapters under **Designer** > **Adapters**. This feature currently supports only custom cloud adapters. Custom on-premise adapters are currently not supported.

Oracle RightNow Adapter QueryCSV returns only the first one hundred records

The RightNow Object Query Language (ROQL) supports querying data using QueryCSV, which enables you to retrieve data in a tabular format. Note that this query returns only the first one hundred records.

Mapping of Custom Field Fails During Runtime in Oracle RightNow Cloud To Oracle Sales Cloud Integrations

The RightNow application documentation indicates that given a `Contact`, the `CustomFields` contains a subobject `C_Contacto` that has a `SalesCloudID` field. To fetch the `SalesCloudID` using a `Query` or `Get` operation, note that the `CustomFields` subobject is listed in the object model as `specify to get`. This means that you must provide a hint to the system that you want that information. Provide the hint by including an empty `CustomFields` subobject in the `Contact` object you passed in as a template. This action informs the server that the object to be returned should also include all the `ContactCustomFields`. You can do this with any subobject that is listed as `specify-to-get`.

In Oracle Integration Cloud Service, the behavior is slightly different. In the `GetContact` request mapper, set a value to `ContactCustomFields.C_Contacto.SalesCloudID` (for example, `SalesCloudID=1`). This step ensures a complete `CustomFields` return as part of the response.

If you follow this step and retry, it works.

Salesforce Adapter Custom WSDL Invalid Session is Not Working

Assume you create and activate an integration with an invoke (outbound) Salesforce Adapter configured with the custom WSDL option. You invoke the integration from the SOAP UI and then invalidate the session by using the enterprise WSDL. If you then invoke the integration again from the SOAP UI, you receive an Invalid Session ID.

Extra Information is Included in the Response Headers Returned as Part of the Response Message

When standard HTTP headers are used in the response headers as part of the response message, extra information is included as part of the returned output data at runtime. This issue occurs only when headers are used in the SOAP Adapter. Without headers, the output is returned without extra information in the response message.

The extra information is not an extra namespace. It is a valid namespace matching the prefix of the element. Without headers, the namespace comes as an attribute in the root element. With headers, since elements are converted from a wrapper, the child elements are copied along with their namespaces.

For example, with a connection that uses the same web service, but one with a header (custom HTTP Header) and another one without a header, the body elements in the response message are different as shown below:

Without a header:

```
<nstrgmpr:result>
    <nsmpr6:PartyId>10</nsmpr6:PartyId>
    <nsmpr6:PartyName>Acme Corp</nsmpr6:PartyName>
</nstrgmpr:result>
```

With a header:

```
<nsmpr2:result>
    <nsmpr8:PartyId
xmlns:nsmpr8="http://xmlns.oracle.com/apps/cdm/foundation/parties/
organizationService/">10
    </nsmpr8:PartyId>
            <nsmpr8:PartyName
xmlns:nsmpr8="http://xmlns.oracle.com/apps/cdm/foundation/parties/
organizationService/">Acme Corp
            </nsmpr8:PartyName>
    </nsmpr2:result>
```

Comments Are Not Allowed as Part of the SOAP Header in Request Messages

When a comment is included as part of the input SOAP header in the request message generated by the SOAP UI, the expected header values fail to be sent.

For example, the following request message is invalid because of the `<!--Optional:-->` line. Remove the `<!--Optional:-->` line and the request message can be successfully sent.

```
<soapenv:Envelope .. .. .. /">
    <soapenv:Header>
        <wsse:Security
        . . .
        . . .
        </wsse:Security>
        <ser:ArmSoapHeader>
            <BusinessAreaID>100</BusinessAreaID>
            <!--Optional:-->
            <ClientVersion>V2.0</ClientVersion>
            <InstanceID>300</InstanceID>
        </ser:ArmSoapHeader>
    </soapenv:Header>
    <soapenv:Body>
        <proj:foo>
            <arg0>500</arg0>
        </proj:foo>
    </soapenv:Body>
</soapenv:Envelope>
```

Downgrading the SOAP Adapter from the JCA Transport to the HTTP Transport Causes a Runtime Failure

Starting with Release 16.3.3, you can select to use either SOAP Adapter 16.3.3 runtime features (which use the JCA transport) or 16.2.5 features (which use the HTTP transport) on the Basic Info page of the Adapter Endpoint Configuration Wizard. Note that you can only upgrade the SOAP Adapter from the 16.2.5 HTTP transport to the 16.3.3 JCA transport. You cannot downgrade from the 16.3.3 JCA transport to the 16.2.5 HTTP transport.

For example, assume you perform the following steps:

1. Import an older integration (IAR file) that uses the HTTP transport (release 16.2.5 or earlier) for the SOAP Adapter. After importing and activating an integration, it continues to use the HTTP (default transport) and run successfully end-to-end.

2. Deactivate the integration.

3. Edit the integration to use the JCA transport for the trigger/invoke SOAP Adapter endpoints by setting **Preview updated SOAP adapter runtime** to **Yes** on the Basic Info page (default is **No**). This switches the transport protocol from HTTP to JCA.

    > **Note:** Even though the word **Preview** is displayed in the **Preview updated SOAP adapter runtime** field, this is a production feature.

4. Activate and invoke the integration, which runs successfully end-to-end.

5. Deactivate the integration.

6. Edit the transport for the trigger/invoke SOAP Adapter endpoints by setting **Preview updated SOAP adapter runtime** to **No** on the Basic Info page. This switches the transport protocol from JCA back to HTTP.

7. Activate and invoke the integration, and note that it fails at runtime.

If you need to downgrade to the 16.2.5 or earlier version of the imported integration that is currently using the JCA transport, perform the following steps:

1. Deactivate the integration that is currently using the JCA transport.

2. Delete the integration and its connections.

3. Re-import the release 16.2.5 or earlier version of the IAR file.

4. Clone the newly-imported integration and update the integration version to use a new value.

5. Update the connection information and activate the integration.

Basic Authentication Fields are Unavailable when Updating a SOAP Adapter Connection after Importing an Integration

After importing an IAR file that was exported from a 16.2.5 release, while updating a SOAP Adapter Connection that uses Basic Authentication, the Username and Password fields are not available in the Configure Security dialog. For a trigger connection, these credentials are not required because this is a SOAP endpoint. The credentials to access the endpoint are always the Integration Cloud Service runtime user and password. In previous releases, the inbound SOAP Adapter connection accepted username and password changes.

Unexpected Use of the Suppression Insertion of Timestamp into WS-Security Header Feature in the SOAP Adapter Causes an Unrelated Error Response

When creating a SOAP Adapter connection with **Suppress insertion of timestamp into WS-Security header** set to **Yes** on the Connections page and using a WSDL that requires a timestamp header, the connection fails during runtime with the following error instead of a message indicating that a valid timestamp is not present:

```
<errorCode>OSB-380001</errorCode>
<reason>InvalidSecurityToken : The security token is not valid.</reason>
```

Table Relationships Not Displaying by Default when Adding a MySQL Adapter Connection as an Invoke to an Integration

When adding a MySQL adapter connection as an invoke to an integration, the relationship between two related tables is not shown by default. This behavior also occurs when a foreign key is declared in one of the imported tables. A workaround is not available.

A Single Call with Multiple Updates is Not Supported with the SQL Server Adapter in Basic Map Data Integration Patterns

A single call with multiple updates is not supported with the SQL Server Adapter in basic map data integration patterns. In the case of multiple updates, use an orchestrated integration pattern or a basic map data integration pattern with enrichments.

REST Adapter Endpoint Provides a SOAP WSDL with the Basic Map Data Template

If you create a REST Adapter connection using a metadata catalog URL, and then create and activate a REST Adapter inbound-to-REST Adapter outbound integration using the Basic Map Data pattern, the endpoint link shows an incorrectly constructed WSDL:

```
https://podnamexxx-cimdomainrcxxxxxxx.integration.dc1.c9dev2.oraclecorp.com/
integration/flowsvc/rest/RESTAPI/v01/?wsdl
```

As a workaround, construct and invoke the REST metadata catalog URL as follows:

```
https://podnamexxx-cimdomainrcxxxxxxx.integration.dc1.c9dev2.oraclecorp.com/
integration/flowapi/rest/RESTAPI/v01/metadata
```

If you create the same integration using the Orchestration pattern, the WSDL is correctly constructed.

REST Adapter Data is Only Saved When You Click Next

When configuring the REST Adapter in the Adapter Endpoint Configuration Wizard, you must click **Next** to save your changes and move to the next page of the wizard. For example, if you configure details on the Request page, click the tab of the Basic Info page in the left pane, then click **Next** to return to the Request page, none of your previous configurations were saved, and the page is empty.

JSON Files in the REST Adapter are Restricted to 100 KB

When designing the REST Adapter on the Request and Response pages of the Adapter Endpoint Configuration Wizard, the maximum size of the JSON file is restricted to 100 KB.

Invoke Endpoint URI Must Match the Base URI + Resource URI in REST Adapter

While designing the REST Adapter in the Adapter Endpoint Configuration Wizard, carefully review the contents on the Summary page. The endpoint URI must match the

invoke service URI. If you do not see the necessary values, review your invoke connection and the outbound service. The base URI in the connection and resource URI in the invoke service must add up to the endpoint URI.

REST Adapter Does Not Support Services Returning Multipart Data

If you create a REST Adapter connection that returns multipart/mixed or multipart/form-data, you cannot design an integration with the REST Adapter as both the inbound and outbound connections because the response does not support both the multipart/mixed and multipart/form-data media types.

Redirect URL Constructed in an Expanded Domain Fails the Provide Consent Button

Redirect URI configuration with the REST Adapter is required for the following security policies: OAuth Authorization Code Credentials and OAuth Custom Three Legged Flow.

Use the following format when configuring the redirect URI for the client application:

```
https://ICS_HOST:ICS_SSL_PORT/icsapis/agent/oauth/callback
```

For an example of configuring the redirect URI with the Google Calendar Adapter, see Creating the Google Calendar Project.

Copying SAP Instance-Dependant JARs After On-Premises Agent Installation

Each SAP instance has version-specific JAR files. After installing the on-premises agent, you must copy `sapidoc3.jar` and `sapjco3.jar`. to `Agent_Home/thirdparty/lib` and restart the on-premises agent.

Download the JARs from http://service.sap.com/connectors.

SuccessFactors Fault Response is Not Mapped at Runtime

The fault response is not getting mapped during runtime.

If you create an integration using the SuccessFactors adapter in which you select an outbound operation and configure the request, response, and fault mappings, after integration activation, the fault response is not mapped during runtime.

Application Versions Supported by the ServiceNow Adapter

The ServiceNow Adapter is now compatible with the Helsinki Patch 5 and Geneva versions of ServiceNow. Fuji is no longer supported.

Oracle E-Business Suite Adapter Issues

When using the Oracle E-Business Suite Adapter in an integration, you may encounter the following issue:

- Trading partner setup form does not accept a password with special characters

  The Trading Partner Setup form does not accept a password with special characters. Therefore, the Oracle Integration Cloud Service password should be a combination of text and numbers.

Siebel Application WSDL Validation Errors During Activation of Siebel Inbound Services

Siebel Application WSDL validation errors are thrown during activation of a few Siebel inbound services.

A Siebel application WSDL has duplicate element definitions with the same namespace. When you configure the Oracle Siebel Adapter, Siebel application WSDL validation errors are thrown during activation of these Siebel inbound services.

Workaround

Implement either of the following workarounds to resolve the validation errors.

- Correct the WSDL in the Siebel application and reconfigure the integration flow in Oracle Integration Cloud Service so that the Siebel adapter picks the correct WSDL.

- Deactivate the services in the Siebel Call center so that these services do not appear in the Siebel adapter operations page.

ERP System Does Not Add a Document ID in the JSON String When a Load Interface Job Fails

When a load interface job fails during an integration import, the ERP system adds the document ID in the JSON callback string. However, the document ID is missing from the ERP JSON payload. Therefore, the Oracle ERP Cloud Adapter cannot process the ERP callback payload.

Oracle ERP Cloud Adapter User Name Requires the SOAOperator Role

When you create a connection to the Oracle ERP Cloud adapter in Integration Cloud Service, and click **Configure Credentials** to specify the security policy, user name, and password, ensure that the user name you specify includes the SOAOperator role. For information, contact the Oracle ERP Cloud adapter administrator. If the user name does not include this role, you receive the following error when you click **Test** after completing adapter configuration: `Unable to test the connection. Contact your administrator for assistance.`

Durable Subscriber Topic in Oracle Messaging Cloud Service Connection in Active-Active Cluster Behaves Differently

In an active-active Integration Cloud Service environment with an inbound Oracle Messaging Cloud Service connection, the behavior of a durable subscription topic is as follows:

- Only one node performs message processing.

- The other active node does not process the message and you receive the following exception error in the `ics_server-diagnostic` logs:

```
Caused by: javax.jms.InvalidClientIDException: Internal error; log reference:
84B5CF00_9E720BE825118DBB5E3E1F1A0899ACC6275A5C02 at
oracle.cloud.messaging.util.JMSUtils.makeException(JMSUtils.java:2414)
```

Incorrect UPDATE Statement Syntax Validation

With the Microsoft SQL Server Adapter, UPDATE statements with incorrect syntax validate successfully. For example, this statement validates successfully even though the comma is missing before bit_id:

```
UPDATE MSSQLALLDB1 SET decimal_dt=#decimal_dt, dtoffset_dt='2006-01-01
01:01:01' bit_id=#bit_id, money_dt=#money_dt WHERE int_id=#int_id and
numeric_dt=#numeric_dt
```

This issue is caused when the SQL Server throws the generic, parent level exception java.sql.SQLException during syntax validation and not the typical java.sql.SQLSyntaxErrorException.

Oracle Logistics Adapter Requires Logistics Cloud Version 6.4.2 or Later

The Oracle Logistics Adapter is only supported with Logistics Cloud versions 6.4.2 and later.

See http://www.oracle.com/technetwork/documentation/glog-101972.html for additional setup information and a description of a sample integration.

2

Integration Issues

This section describes issues associated with integrations.

Topics:

- Updating the Schema of an Existing WSDL Causes an Orchestrated Integration Using the SOAP Adapter to Not Get Activated

- Do Not Delete Runtime Artifacts in Minor Version Scenarios

- Expressions with Filters in the Expression Builder Can Fail

- Hold and Release Permissions Added to the Application Roles

- Filter Criteria Not Displaying until Refresh Icon Selected

- Logging Level Modifications Not Applied to Managed Servers

- Used Icons are Not Displayed for Delayed Schema Loads on the Tracking Page

- Trial Subscriptions Cannot Activate More Than Ten Integrations

- Schema Information is Lost When Re-editing the Oracle Messaging Cloud Service Adapter

- Preferences Are Cleared When Browser Cookies Are Deleted

- Restart of Managed Server May Trigger an Exception

- Inaccurate Error Message When Specifying a Large Number of Months for the Scheduling Frequency

Updating the Schema of an Existing WSDL Causes an Orchestrated Integration Using the SOAP Adapter to Not Get Activated

If you create and activate an orchestrated integration that uses the SOAP Adapter and then update the WSDL being used by adding a new schema, you can edit the invoke connections in the integration to use the new WSDL, but cannot edit the trigger connection because it does not provide an option to edit. Because of this scenario, you cannot reactivate the integration.

As a workaround, create a new integration that uses the new WSDLs. You can then successfully activate the new integration.

Do Not Delete Runtime Artifacts in Minor Version Scenarios

If you have multiple minor versions of the same integration (for example, version `01.00.0000` and `01.10.0000`) and one of them is active, do not delete the inactive integration. Otherwise, runtime behavior for the active integration becomes out of

sync. As a workaround, deactivate and reactivate the integration after deleting the inactive version.

Expressions with Filters in the Expression Builder Can Fail

Expressions with filters in the Expression Builder can fail. For example, the following filtered expression:

```
/nssrcmpr:process/nssrcmpr:Organization/rno_v1_3:FileAttachments/rno_v1_3:File
AttachmentList[1.0][(rno_v1_3:FileName = "test123")]/rno_v1_3:Name = "ORG"
```

returns the following error:

```
"Expected one of '.', '..', '@', '*', <QName> at position: 98"
```

As a workaround, enter "./" in front of the node name in the filter.

For example:

```
/nssrcmpr:process/nssrcmpr:Organization/rno_v1_3:FileAttachments/rno_v1_3:File
 AttachmentList[1.0][(./rno_v1_3:FileName = "test123")]/rno_v1_3:Name = "ORG"
```

This action causes the expression to process successfully.

Hold and Release Permissions Added to the Application Roles

Users with the integrationservicedeveloper, integrationserviceruntime, and integrationserviceadmin roles have the permissions to read, update, cancel, and delete requests. The hold and release actions are not explicitly granted, meaning only the submitter has the permission to hold or resume a request.

Filter Criteria Not Displaying until Refresh Icon Selected

On the Oracle Integration Cloud Service Past Runs page, the blue filter criteria band at the top of the results list does not appear unless the **Refresh** icon is selected.

Logging Level Modifications Not Applied to Managed Servers

When you modify the logging level settings in the Oracle Integration Cloud Service administration console and select **Save**, the new settings are applied to the administration server and not the managed servers.

Used Icons are Not Displayed for Delayed Schema Loads on the Tracking Page

If you select an element for tracking on the Business Identifiers for Tracking page that is more than three levels deep (which requires clicking the **Load more** link), these elements are not marked with the green **used** icon after you save, exit, and then re-enter this page. This is a display issue only. If you attempt to redrag the element, an error is displayed indicating that this element is currently being tracked.

Trial Subscriptions Cannot Activate More Than Ten Integrations

With trial subscriptions, only ten or fewer asynchronous integrations can be active at one time.

If you have ten active asynchronous integrations, you must deactivate one or more before you can activate a new one.

Schema Information is Lost When Re-editing the Oracle Messaging Cloud Service Adapter

If you create an integration that includes an Oracle Messaging Cloud Service adapter for which you specified the XSD schema file, when you invoke the adapter configuration wizard again to re-edit that adapter, the XSD schema file is lost and must be specified again.

Preferences Are Cleared When Browser Cookies Are Deleted

Assume you select *user_name* > **Preferences** in the upper right corner of the page, select **Show these options at sign in**, save your changes, and log out. The next time you log in, the preferences page is displayed. However, if you log out and then delete all cookies in your web browser, the next time you log in, the preferences page is not displayed. This is because preferences are stored in the cookies of the browser. Clearing the cookies resets the preferences.

Restart of Managed Server May Trigger an Exception

Stopping and starting a managed server after activating an integration might trigger an exception.

If you stop and start a managed server after activating an integration, you might see an exception message in the log file similar to the following:

```
<Feb 12, 2016 4:02:58 AM PST> <Error> <Cluster> <BEA-000123> <Conflict start: You
tried to bind an object under the name QueueIn in the JNDI tree.
The object  from -6627227834449688464S:den00bhr.us.oracle.com:
[22601,22601,-1,-1,-1,-1,-1]:WLS_ ICS:ics_server2 is non-clusterable, and you have
tried to bind more than once from two or more servers. Such objects can only be
deployed from one server.>
```

Inaccurate Error Message When Specifying a Large Number of Months for the Scheduling Frequency

When creating a schedule, if you manually enter a value of `10000000000` when specifying the number of months in the **Frequency** section, you receive a `The number must be less than or equal to 2147483647` error message. You can only specify a value of `12` or less.

3

On-Premises Agent Issues

This section describes issues associated with the on-premises agent.

Topics

Invalid Connection or OMCS Exception Error Requires a Retrigger

If you see an invalid connection or Oracle Messaging Cloud Service (OMCS) exception, you should also see a `Message processing will resume after recovery` message in the agent log file. This means that you must wait for some time for message recovery to complete and then retrigger the request. A portion of the log file message is shown below.

```
Retry after 503 response or possible messaging context expiration succeeded
[2017-01-09T20:59:27.955-08:00] [AdminServer] [ERROR] []
[oracle.cloud.cpi.agent.transport.CpiAgentTransporter] [tid:
pool-14-thread-14] [userId:<anonymous>] [ecid:

93f0ca35-4ee9-4443-8234-f13a5c7d5123-00000004,0] [APP: agent-webapp] Receive
failed with exception Closed object. Starting recovery loop...
[2017-01-09T20:59:27.956-08:00] [AdminServer] [NOTIFICATION] []
[oracle.cloud.cpi.agent.transport.AbstractInboundChannel] [tid:
pool-14-thread-14] [userId:<anonymous>] [ecid:

93f0ca35-4ee9-4443-8234-f13a5c7d5123-00000004,0] [APP: agent-webapp] Stopping
channel for destination UVAG1PROXY_CPI_RUNTIME_REQ_RES_CHANNEL
[2017-01-09T20:59:28.042-08:00] [AdminServer] [NOTIFICATION] []
[oracle.cloud.cpi.agent.transport.AbstractInboundChannel] [tid:

. . .
. . .
```

Unable to Unzip the Downloaded On-Premises Agent ZIP File

You may be unable to unzip the downloaded on-premises agent ZIP file. If this occurs, download and unzip the file again.

On-Premises Agent Fails When Installation Credentials are Changed or Expire

If you installed the on-premises agent, and the Oracle Integration Cloud Service user name and password credentials you specified during installation are later changed or expire, all REST calls from the agent fail with the following error:

```
The Agent Instance metrics could not be retrieved for "oracle.jbo.JboException:
JBO-29000: Unexpected exception caught: java.lang.RuntimeException
```

As a workaround, contact Oracle Support Services to obtain a script that updates the credentials for the on-premises agent.

Oracle Integration Cloud Service to On-Premises Oracle E-Business Suite Connection Error

You can receive the following error when creating a connection to on-premises Oracle E-Business Suite from Oracle Integration Cloud Service. You can also receive a `PKIX Path building failed` exception error. To avoid these errors, you must import the target endpoint certificate on the instance on which the on-premises agent is installed.

```
Unable to test connection "CORELOGI_EBS_CLPNDEV_2". [Cause: CASDK-0007]:
- CASDK-0007: Unable to establish a secure connection to
clpndevlbqn.corelogic.net. SSL protocol related exception occurred.
- PKIX path building failed:
sun.security.provider.certpath.SunCertPathBuilderException: unable to find
valid certification path to requested target
- unable to find valid certification path to requested target
```

Agent Restart Required After Restart of Oracle Database Cloud Service Instance

When you shut down the Oracle Database Cloud Service instance for maintenance or other reasons from the My Services Console, the host on which the Oracle Database Cloud Service and on-premises agent are installed is also shut down. You must restart the on-premises agent after restarting the Oracle Database Cloud Service instance.

Agent Installation Throws a FileNotFoundException Error for keystore.jks

During agent installation, a `keystore.jks not found exception` can occur. This exception does not impact functionality. This exception occurs because a monitoring REST service is getting called before the agent servlet is initialized.

SSL-Enabled Proxy Is Not Supported for On-Premises Agent Installation

An SSL-enabled proxy is not supported for an on-premises agent installation.

On-Premises Agent Issues

Note the following on-premises agent issues.

- The agent KSS store is missing in the default Oracle Integration Cloud Service certificates. As a workaround, import the certificates.

Agent Installation on PODs Prior to October 2015

If you are running Oracle Integration Cloud Service on a pre-October 15, 2015 POD, you must file a service request for Oracle to manually fix the OMCS URL if you install a new on-premises agent. Note that this is not an issue if you are upgrading an existing on-premises agent.

4

Runtime Issue

This section describes issues associated with runtime.

Topics

- Cannot View the Payload for Synchronous Integrations and Nonrecoverable Faults

- Permissions Error in Diagnostics Log When Performing Tasks in Oracle Integration Cloud Service

- Audit Trail is Not Displayed

Cannot View the Payload for Synchronous Integrations and Nonrecoverable Faults

For synchronous integrations and nonrecoverable faults, you cannot view the payload on the Error Message Details page and Tracking page.

Permissions Error in Diagnostics Log When Performing Tasks in Oracle Integration Cloud Service

You can receive the following error in the diagnostic logs when performing an action in Oracle Integration Cloud Service for which you do not have the correct permissions.

```
<nos-ics-ics2046-ics-as1.ics.cloudqa.myoraclecorp.com> <AdminServer>
<[ACTIVE] ExecuteThread: '6' for queue: 'weblogic.kernel.Default
(self-tuning)'> <<WLS Kernel>> <>
<0538f60b-882f-4911-8694-108349b6d3a1-000004b2> <1474569089159> <BEA-080003>
<A RuntimeException was generated by the RMI server:
javax.management.remote.rmi.RMIConnectionImpl.getAttribute(Ljavax.management.O
bjectName;Ljava.lang.String;Ljavax.security.auth.Subject;)
 javax.management.RuntimeMBeanException: javax.ejb.EJBException:
EJB Exception: ; nested exception is:
    java.lang.SecurityException: User "Subject:
    Principal: oracle.security.opss.principals.CrossTenantUserImpl:
name[em_svc_monitor], tenantId[13090950252140439],
DN[cn=em_svc_monitor,cn=SystemIDs,cn=Users,orclMTTenantGuid=13090950252140439,
dc=us,dc=oracle,dc=com], Guid[191B8F9819151958E050F90A88A05384],
assertionTime[Thu Sep 22 18:31:24 UTC 2016]
        Principal: em_svc_monitor_role
    Principal: Monitors
    Principal: authenticated-role
    Principal:
ApplicationRoleicswebapp/integrationserviceemmonitor,uname:cn=integrationservi
ceemmonitor,cn=Roles,cn=icswebapp,cn=opssSecurityStore,cn=JPSContext,cn=opssRo
ot,guid:8422B39080ED11E6BFCD65963D43E860        Private Credential: Subject:
    Principal: oracle.security.opss.principals.CrossTenantUserImpl:
```

```
name[em_svc_monitor], tenantId[13090950252140439],
DN[cn=em_svc_monitor,cn=SystemIDs,cn=Users,orclMTTenantGuid=13090950252140439,
dc=us,dc=oracle,dc=com], Guid[191B8F9819151958E050F90A88A05384],
assertionTime[Thu Sep 22 18:31:24 UTC 2016]
    Principal: em_svc_monitor_role
    Principal: Monitors

" is not authorized to perform action "SOA access"..
. . .
. . .
```

Audit Trail is Not Displayed

The audit trail functionality does not work in this release of Oracle Integration Cloud Service

The audit trail functionality is described in Viewing Past and Present Integration Runs of *Using Oracle Integration Cloud Service*.