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Preface

Known Issues for Oracle Integration describes issues you may encounter when using Oracle Integration and possible workarounds.

Note:

The information in this guide applies to all of your Oracle Integration instances. It doesn’t matter which edition you’re using, what features you have, or who manages your cloud environment. You’ll find what you need here, including notes about any differences between the various flavors of Oracle Integration when necessary.

Environment differences are highlighted by the following badges:

- Applies only to Oracle Integration Classic (user-managed).
- Does not apply to Oracle Integration Classic (user-managed).

Topics:

- Documentation Accessibility
- Related Resources
- Conventions

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 customers that have purchased support have access to electronic support through My Oracle Support. For information, visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info or visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs if you are hearing impaired.

Related Resources

For more information, see these Oracle resources:

- Oracle Integration documentation in the Oracle Cloud Library on the Oracle Help Center.
## Conventions

The following text conventions are used in this document:

<table>
<thead>
<tr>
<th>Convention</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>boldface</strong></td>
<td>Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.</td>
</tr>
<tr>
<td><em>italic</em></td>
<td>Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.</td>
</tr>
<tr>
<td><strong>monospace</strong></td>
<td>Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.</td>
</tr>
</tbody>
</table>
Common Issues

Review Oracle Integration common issues.

Topics:

• Link to Change License Type is Not Supported
• Process-to-Integration Failure When the Process and Integration Both Use the Same WSDL
• Authentication Pop-Up Appears While Viewing Certain UI Pages
• My Services Console Linking Issues to Other Consoles and Friendly URLs

Link to Change License Type is Not Supported

The link to change your license type (for example, from BYOL to Cloud License or from Cloud License to BYOL) on the Instance Overview page of the Oracle Integration My Services Console of a provisioned instance is not supported. In some cases, changing your license type causes scaling to fail. Change the license type back to its original type.

Process-to-Integration Failure When the Process and Integration Both Use the Same WSDL

When creating an integration that includes a Process and an Integration, you cannot expose a WSDL on the Integrations side that is the same WSDL exposed on the Processes start message side. Instead, either use a different WSDL on the Integrations side or expose a REST interface.

Authentication Pop-Up Appears While Viewing Certain UI Pages

Applies only to Oracle Integration Classic (user-managed).

An authentication pop-up appears while viewing the Oracle Integration Home page (if other features are registered to the instance Home page you're viewing) and the Insight Designer page in the Integration UI.

**Workaround:** Beginning with the December 4, 2018 release (version 18.4.5.181203.1159-20020), you can update the Integration OAuth client credential access permissions and the Oracle Identity Cloud Service OAuth scope settings to remove this pop-up when you view the Oracle Integration Home page.
Note:

This workaround removes the authentication pop-up from the Oracle Integration Home page only. It will continue to appear on the Insight Designer page in the Integration UI.

1. Ensure that your Oracle Integration instances are running version 18.4.5.181203.1159-20020 or later.
2. Ensure that your user account has the following entitlements:

<table>
<thead>
<tr>
<th>Service</th>
<th>Entitlement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oracle Identity Cloud Service</td>
<td>Application Administrator</td>
</tr>
<tr>
<td>Oracle Integration</td>
<td>Administrators</td>
</tr>
<tr>
<td></td>
<td>ServiceAdministrator (to verify that the issue is resolved)</td>
</tr>
</tbody>
</table>

4. From the Type list, select Codebase. From the Name list, select Includes. Enter IntegrationSuiteHome into the field, and then click the Search icon.
5. Select the result, and then click Edit. Click Add. Select the Select here to enter details for a new permission option, and then enter the following values into the corresponding fields:
   - Permission Class: oracle.security.jps.service.credstore.CredentialAccessPermission
   - Resource Name: context=SYSTEM, mapName=oracle.ics, keyName=OIC_SERVICE_OAUTH_CLIENT
   - Permission Actions: read, write, update, delete
6. Click OK twice to save your changes.

7. Sign in to the Oracle Integration My Services Console, and then navigate to the Instance Overview page for your Integration and Process instance. Click the IDCS Application link.
8. On the Configuration tab, expand the Client Configuration panel. In the Accessing APIs from Other Applications section, set the Trust Scope option to All Resources.

9. If the urn:opc:resource:consumer:all scope is not listed in the Allowed Scopes table: click Add. Enter urn:opc:resource:consumer::all for the scope. The scope should not be protected and does not require consent. Click Save.
   
   Skip this step if the urn:opc:resource:consumer::all scope is listed in the Allowed Scopes table

10. Restart the managed server(s) for your Oracle Integration Integration and Process instance. In a private browsing session, verify that the authentication pop-up no longer appears.

My Services Console Linking Issues to Other Consoles and Friendly URLs

Applies only to Oracle Integration Classic (user-managed).

On the Services tab of the Oracle Integration My Services console, the Manage this service menu for a provisioned instance contains links to the following consoles. These links do not currently work correctly.

- Open Fusion Middleware Control Console
- Open Weblogic Server Console
2

Integrations Issues

Review Integrations issues in Oracle Integration.

Topics:

• Adapter Issues
• Integration Issues
• Runtime Issues

Adapter Issues

Review known issues associated with adapters.

Topics:

• Adobe eSign Adapter is Not Currently Supported in Trial Accounts
• Integrations with Oracle Fusion Applications Adapters Fail When Release 12 is Upgraded to Release 13
• Performing Update Table Operation Against Multiple Tables with Relations May Cause Issues
• Execution Agent Is Not Included
• Oracle Sales Cloud REST APIs Sometimes Do Not Appear in the Oracle Sales Cloud Adapter
• Oracle HCM Cloud Adapter ZIP File Issues
• Integration Activation Failure with Pre-2017 R1 Version of Oracle CPQ Cloud Adapter as a Trigger
• Table Relationships Not Displaying by Default when Adding a MySQL Adapter Connection as an Invoke to an Integration
• A Single Call with Multiple Updates is Not Supported with the SQL Server Adapter in Basic Map Data Integration Patterns
• REST Adapter Attachment Feature Does Not Work with the Connectivity Agent
• Swagger Representation for an Endpoint Throws an Empty Response
• REST Adapter Basic Authorization Security Policy Limitation
• Testing a REST Adapter Connection with the HTTP Basic Authentication Security Policy Does Not Validate the Credentials
• REST Adapter Does Not Support Services Returning Multipart Data
• Redirect URL Constructed in an Expanded Domain Fails the Provide Consent Button
• Oracle E-Business Suite Adapter Issues
• Siebel Application WSDL Validation Errors During Activation of Siebel Inbound Services
• ERP System Does Not Add a Document ID in the JSON String When a Load Interface Job Fails
• Incorrect UPDATE Statement Syntax Validation
• Oracle Logistics Adapter Requires Logistics Cloud Version 6.4.2 or Later

Adobe eSign Adapter is Not Currently Supported in Trial Accounts

The Adobe eSign Adapter is currently only supported with paid accounts. If using Oracle Integration with a trial account, use the REST Adapter instead of the Adobe eSign Adapter.

Integrations with Oracle Fusion Applications Adapters Fail When Release 12 is Upgraded to Release 13

When using the following Oracle Fusion Application adapters, integrations configured with Release 12 REST APIs fail to work when the respective Oracle Sales Cloud, Oracle HCM Cloud, or Oracle ERP Cloud instance is upgraded to Release 13:

• Oracle Sales Cloud Adapter
• Oracle HCM Cloud Adapter
• Oracle ERP Cloud Adapter

Any new adapter connection added to an existing or new integration that involves invocation of Release 13 Oracle Sales Cloud, Oracle HCM Cloud, or Oracle ERP Cloud REST APIs using the above adapters works without issues.

You can delete and recreate the endpoint that was created using the respective adapter. The deletion of the existing endpoint removes any mappings that were previously created.

Performing Update Table Operation Against Multiple Tables with Relations May Cause Issues

When the Update Table operation is performed against two or more tables with relations in the Oracle Database Adapter, the records in the child table may be inserted or deleted. Therefore, if the input to the update contains only one detail record, the other detail records in the table are deleted.

Execution Agent Is Not Included

The current release does not include the execution agent.

For the latest status on this agent, contact Oracle Support Services.
Oracle Sales Cloud REST APIs Sometimes Do Not Appear in the Oracle Sales Cloud Adapter

Oracle Sales Cloud REST API services sometimes do not appear when using the Oracle Sales Cloud Adapter as an invoke connection in an integration.

As a workaround, perform the following steps:

1. Create a new sandbox in Oracle Sales Cloud.
2. Navigate to **Common AppComposer Account** > **Fields** > **Test_c**.
3. Deselect the **Include in Service Payload** option.
4. Navigate to **Sales AppComposer**.
5. Edit **Order_c** > **Fields** > **Accountld_c**.
6. Deselect the **Include in Service Payload** option.
7. Repeat the same steps (deselect the **Include in Service Payload** option) for the following fields in **Opportunity** > **Opportunity object** > **Fields**.
   - **Architect_c**
   - **Builder_c**
   - **Contractor_c**
   - **Designer_c**
   - **Installer_c**
   - **PriceBookName_c**
8. Publish the sandbox and test if the above calls are working now.

Oracle HCM Cloud Adapter ZIP File Issues

Note the following issues when using the Oracle HCM Cloud Adapter ZIP file feature:

- A ZIP file that is extracted using the Oracle HCM Cloud Adapter must only contain a single file. If there are multiple files, only the file with the most recent time stamp is extracted.
- The supported method for using the Oracle HCM Cloud Adapter ZIP file feature is to first zip your files, and then encrypt them.

Integration Activation Failure with Pre-2017 R1 Version of Oracle CPQ Cloud Adapter as a Trigger

Integrations configured with the Oracle CPQ Cloud Adapter as a trigger are failing to activate with the following error. This issue is only occurring in versions of the Oracle CPQ Cloud Adapter prior to 2017 R1.

```
CPQ_ep_REQUEST wsdl, CPQ_ep_ENDPOINT wsdl "is not semantically valid: error: cos-nonambig: Content model violates the unique particle attribution rule. null" and CPQ_ep_REQUEST jca "The JCA dependency is not valid. null"
```
This issue occurs when you have a repeating element in the CPQ WSDL (for example, _line_bom_parent_id in transactionLineType and Response transactionLineType). Explicitly remove this repeating element from the IAR file. After making this update, the integration can be activated.

This issue does not occur in the 2017 R1 version of the Oracle CPQ Cloud Adapter.

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 Attachment Feature Does Not Work with the Connectivity Agent

The attachment feature does not work with the connectivity agent. This includes multipart/form-data, multipart/mixed, and raw attachments.

Swagger Representation for an Endpoint Throws an Empty Response

Assume you create and activate an integration with a trigger and invoke REST Adapter configured with a swagger URI. After getting the swagger URI from the activated integration and using it to configure a second outbound integration, an empty response payload error is displayed when the second integration is activated and invoked.

REST Adapter Basic Authorization Security Policy Limitation

The REST Adapter Basic Authorization security policy does not have a token management and token refresh. If a token expires, you must test the connection in design time before proceeding. For example, if you have an integration that includes a REST Adapter and Google Calendar Adapter, and the Google Calendar token expires, this causes a failure.

As a workaround, perform one of the following steps:

- Go to the Credentials dialog of the Connections page and click Provide Consent.
- Use the OAuth Custom Three Lgged Flow security policy with a refresh token request.
Testing a REST Adapter Connection with the HTTP Basic Authentication Security Policy Does Not Validate the Credentials

Testing a REST Adapter connection configured with the HTTP basic authentication security policy and a role connection of **Trigger and Invoke** or **Invoke** does not validate the credentials and simply opens a connection to the provided URL. To validate the endpoint and credentials, the REST Adapter must invoke an API that is idempotent.

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

You must create a third party project before creating a connection with the REST Adapter using an OAuth Custom Three Legged Flow security policy.

1. Go to the developer console for the third party application.
2. Create a new application.
3. Provide the Oracle Integration redirect URI inside the third party application.
   Enter the SSL URL for the OAuth callback for your Oracle Integration instance. The format is as follows:

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

For example, assume the URL you use to access your Oracle Integration instance is the following:

http://example.com:7001/ics/faces/global

The SSL URL for the OAuth callback is likely to be the following:

https://example.com:7002/icsapis/agent/oauth/callback
Oracle E-Business Suite Adapter Issues

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

- 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 password should be a combination of text and numbers.
  
  To resolve this issue, apply the following patches to enable Oracle XML Gateway to accept passwords with special characters:
  - For Oracle E-Business Suite Release 12.1.3, apply Patch 28310667:R12.ECX.B.

- Service invocation fails for certain PL/SQL APIs with table type input parameters
  When invoking certain PL/SQL APIs having table type input parameters, the following exception may occur:

  java.sql.SQLException: ORA-06531: Reference to uninitialized collection ORA-06512

  To resolve the exception, pass an empty element in the request corresponding to the table type in the API. For example, when invoking the `PROCESS_BOM` API with table type parameters `P_BOM_REVISION_TBL`, `P_BOM_REF_DESIGNATOR_TBL`, and `P_BOM_SUB_COMPONENT_TBL`, pass the empty tags as a workaround:

  1. Export the integration with the mappings for the Oracle E-Business Suite request.
  2. Locate the corresponding .xsl file to change the mapping entries for `P_BOM_REVISION_TBL`, `P_BOM_REF_DESIGNATOR_TBL`, and `P_BOM_SUB_COMPONENT_TBL` as follows:

    `<P_BOM_REVISION_TBL/>
    <P_BOM_REF_DESIGNATOR_TBL/>
    <P_BOM_SUB_COMPONENT_TBL/>

  3. Import this modified mapping for the request mapping.
  4. Activate the integration and the API should be invoked successfully.
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 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.

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.

Integration Issues

Review known issues associated with integrations.

Topics:
- **Error Invoking Process Using Message Start with No Input Arguments**
- **Windows 10 Design-Time Issues**
- **Notification Action Failure Does Not Impact an Orchestrated Integration Flow**
- **Icon and Screen Text are Overlaid When Adblock Plus Extension is Enabled in Safari Browser**
- **Inner For-Each Actions Do Show the Badge and are Not Tracked in the Audit Trail in Successful Integrations**
- **Browser Issues When Using the Mapper and Expression Builder**
- **API Library Issue**
- **Configure a Global Fault to Prevent the Sending of Messages to the Error Hospital**
- **Oracle Integration Message Delivery Does Not Work in XA Mode**
- **Used Icons are Not Displayed for Delayed Schema Loads on the Tracking Page**
- **Schema Information is Lost When Re-editing the Oracle Messaging Cloud Service Adapter**
- **Preferences Are Cleared When Browser Cookies Are Deleted**
- **Inaccurate Error Message When Specifying a Large Number of Months for the Scheduling Frequency**

**Error Invoking Process Using Message Start with No Input Arguments**

When invoking an activated process in an integration where the process uses a Message Start event, the Message Start must have input parameters (arguments) defined. If no parameters are present, a 400 Bad Request response status is returned.

**Windows 10 Design-Time Issues**

If you attempt to drag a connection into an integration when using the Chrome browser on Windows 10, the connection is not added. If you use Internet Explorer, a forbidden icon is displayed.

If you disable support for the touch screen and restart the browser, this issue goes away.

**Notification Action Failure Does Not Impact an Orchestrated Integration Flow**

If a notification action fails, the overall integration flow continues running past that action. The Tracking page shows a red icon for the corresponding notification action. A
fault is logged, but not reported as a failure for the instance. If you view the error on the Tracking page, the fault is not shown.

Icon and Screen Text are Overlayed When Adblock Plus Extension is Enabled in Safari Browser

If you use the Safari browser with the Adblock Plus extension enabled, the icon and screen text that are displayed in the banner indicating the status of integration creation/editing are overlayed. Disable this extension to eliminate the problem.

Inner For-Each Actions Do Show the Badge and are Not Tracked in the Audit Trail in Successful Integrations

On the Tracking instance details page, activities inside a for-each action are not logged and any inner for-each action does not display the badge for a completed integration. The audit trail only shows a message saying that the outer for-each action started and ended. In case of failure (for example, the inner for-each action failed), the badge is displayed for the inner for-each action. The audit trail shows messages related to activities inside the for-each action up until the point of failure.

In addition, the lines are shown as dotted (...) inside the for-each action for a successful integration. For a failure inside a for-each action, solid lines are shown (in green) before the point of failure and the failed node and line before it are marked in red.

Browser Issues When Using the Mapper and Expression Builder

If using Windows 10 Chrome or Internet Explorer or Chrome on an Android 6 mobile device, you cannot drag and drop elements in the Expression Builder and mapper. This problem does not occur with Firefox.

API Library Issue

Note the following API library issue.

- If you attempt to register and save an uploaded library without any functions on the Libraries page, you receive a null pointer exception error. Ensure that your uploaded library includes functions.

Configure a Global Fault to Prevent the Sending of Messages to the Error Hospital

You can configure a global fault in an orchestrated integration to prevent the sending of messages to the error hospital. You first delete the Error Hospital icon that is automatically added to a global fault, then perform either of the following options:

- Add a Stop action, then add a Switch action. Note that the Stop action can be deleted. However, deleting the Stop action causes a confirmation dialog to be displayed. After confirming your decision, the Stop action being deleted is replaced with another Stop action automatically.
• Add a **Switch** action. Note that a **Stop** action is added automatically, but it cannot be deleted and replaced with an **Error Hospital** icon.

If you want to get the **Error Hospital** icon back, you must recreate the integration (for example, delete and recreate the whole integration or delete every action in the integration until it is empty, and then add the **Error Hospital** icon back in).

### Oracle Integration Message Delivery Does Not Work in XA Mode
Oracle Integration message delivery does not work in XA mode. There is a chance for duplicate messages to be delivered to the destination. This may occur when the managed servers go down or any other scenario in which the managed servers must be brought down when messages are being processed.

### 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.

### 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.

### 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.
Runtime Issues

Review known issues associated with runtime.

Topics:

• Switch Action Inside a Scope Causes a Condition Validation Problem
• Data Missing when Navigating from Tracking Details Page to Monitoring Page
• Cannot View the Payload for Synchronous Integrations and Nonrecoverable Faults

Switch Action Inside a Scope Causes a Condition Validation Problem

If you define a switch action inside a scope, the correct switch branch may not always be taken.

For example, assume you define the following cases:

• Case 1
  – Main branch: if id= "aa11aa" or "bb22bb" or "cc33cc"
  – Otherwise branch
• Case 2
  – Main branch: if id= "aa11aa" or id= "bb22bb" or id= "cc33cc"
  – Otherwise branch

Both expressions are valid. However, in Case 1, if you send a payload with id="ee55ee", the payload incorrectly goes to the main switch branch, and not to the otherwise switch branch. In Case 2, the message correctly goes to the otherwise switch branch.

This occurs for the following reasons:

For if id= "aa11aa" or "bb22bb" or "cc33cc", the expression gets parsed into three separate conditions:

• "id= "aa11aa". If this is not a comparison to the value of id. To evaluate this conditional expression, which must evaluate to boolean, the boolean XPath function https://www.w3.org/TR/1999/REC-xpath-19991116/#function-boolean is applied to "bb22bb". This means the expression becomes "boolean("bb22bb")" and as per the boolean XPath functions definition, it returns true for nonzero-length strings. This way, the entire OR expression is evaluated to true.
• "cc33cc". As explained for "bb22bb", this also evaluates to true.

However, if you use the expression shown in Case 2:

if id= "aa11aa" or id= "bb22bb" or id= "cc33cc"

These choices are parsed as three comparisons:

  – id= "aa11aa"
If the id is none of the above, all three expressions evaluate to false and a final false is returned.

Data Missing when Navigating from Tracking Details Page to Monitoring Page

When navigating from the Tracking Details page of a Map Data integration to the Monitoring Dashboards page, data is not initially displayed with the following browsers. This occurs when browsing in both regular mode and private mode.

- Firefox browser:
  - The diagrams under CONNECTIONS, INTEGRATIONS, and SCHEDULED INTEGRATIONS for the Integration Health selection of the Dashboards page are not displayed. If you click the Refresh icon for Integration Health, a No data to display message is displayed.
  - The Hourly History and Daily History bar charts are missing.
  - If you select System Health from the dropdown list, the Unquiesced state diagram and FILE SYSTEM STATUS diagram are missing.

- Chrome browser:
  - The Dashboards page size is reduced. If you click the Refresh icon, a blank page is displayed.
  - When navigating to any page under Monitoring (for example, Integrations, Agents, Tracking, Runs, and Errors), a blank page is displayed.

As a workaround, refresh the page using the browser refresh option, and not the Dashboards page refresh option.

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.
Processes Issues

Review Processes issues in Oracle Integration.

Topics:
- Known Issues in the Oracle Process Mobile App
- Known Issues in Design Time
- Known Issues in Runtime
- Known Issues with Oracle Content and Experience Cloud

Known Issues in the Oracle Process Mobile App

Review known issues related to the Oracle Process Mobile app.

Topics:
- iOS app doesn't fully close upon signout
- Android app doesn't fully close upon signout
- Can't change server information if configured incorrectly
- Loading indicator may stop before action completes

iOS app doesn't fully close upon signout

After signing out, the user interface appears dimmed but the app is not fully closed.

Android app doesn't fully close upon signout

After signing out and the login page displays, users can click the back button and resume tasks.

Can't change server information if configured incorrectly

You can't change the setup information for the server if non-working server settings have been configured in the Oracle Process Mobile app.

Note that this issue doesn't exist if working server settings have been configured. In this case, you can sign in to the app and change the server setting in the Settings view.

However, if you entered a non-working server setting (for example, an incorrect URL address), then your sign-in will fail.

To fix the error, you must uninstall the Oracle Process Mobile app and then re-install it.
Tip:

Try your server URL in a browser, verify the server is working, and confirm you can sign in. If your test is successful, copy and paste the system information, and use it to re-configure the server settings for the Oracle Process Mobile app.

Be sure to copy only the service name from the URL:

```
service_instance.identity_domain.process.oracle.com
```

Loading indicator may stop before action completes

In the Oracle Process Mobile app, the loading indicator may stop and disappear before search results are shown, or when there are time consuming or blocking operations such as remote calls to a REST service.

This does not mean that the action has completed without results.

Known Issues in Design Time

Review known issues related to Process design time, listed by category.

Topics:

- Web Form Issues
- Decision Model Issues
- Other Issues

Web Form Issues

Review known issues related to web forms in design time.

Topics:

- Data association fails for same type of business objects in form
- Dragging business objects based on XML attributes to forms may result in missing attribute fields
- REST calls working correctly in embedded forms
- Link value lost after submit
- Internal REST API calls in rest connector can use logged in user credentials
- Not null attributes in business objects aren’t enforced
- WSDL inner types hidden in Business Types palette
- Enums in Business Types not generated in web forms
Data association fails for same type of business objects in form

If you have two or more business objects of the same type in a form, then any data association referencing them will fail.

Dragging business objects based on XML attributes to forms may result in missing attribute fields

In a form, if you drag and drop a business object that is based on XML attributes rather than XML elements, fields based on XML attributes won't be added to the form.

As a workaround, modify the XML schema of XSD files to use elements rather than attributes.

REST calls working correctly in embedded forms

A form’s global connectors that use control values function without errors even when the form is reused within another form.

Link value lost after submit

Link controls added to web forms lose their data binding upon task completion. The link control’s data cannot be mapped to other activities.

As a workaround, leave the label as is and the binding empty (not bound to any data attribute), instead of pointing the label and the binding to the data element. Then add an onLoad event in the control and set the value and label to the data element.

Internal REST API calls in rest connector can use logged in user credentials

Currently, when a rest connector operation executes (when loading a form or when used as a service call inside a process), credentials defined for the connector are used. In certain cases, however, you may want the logged in user's credentials used instead when loading the form to execute the operation. (The output for some internal rest calls depends on the user credentials provided.)

In this case, define the rest connector without credentials so you can use the logged in user credentials. To use the same operation as a service call in the process, define another similar rest connector with the credentials.

Note that this guidance applies to internal REST API calls only.

Not null attributes in business objects aren't enforced

You can set an attribute in a business object as “Not Null” and invoke an instance for the process with null/blank as the value for the attribute. However, the “not null” constraint is not enforced when a task is submitted.
WSDL inner types hidden in Business Types palette

When creating a web form by dragging a business type from the Business Types palette onto the form canvas, note that any inner types defined in WSDL files are not displayed.

Enums in Business Types not generated in web forms

If you drag and drop a Business Type containing an Enum to the canvas, the Enum is not included in the automatically generated web form.

Decision Model Issues

Review known issues related to business rules in design time.

Topics:

• Re-add decision model business object to form after updating decision definitions
• Blank page upon opening a decision model
• Can't change a decision name
• Canceled conditions and actions added to decision tables as blank rows
• Decision input icon displayed as string regardless of data type
• New action value not updated if Parameterized checked
• Publish window reappears without any changes

Re-add decision model business object to form after updating decision definitions

If you've added the input or output business object of a decision model to a web form, you'll need to re-add this business object to the form each time the decision definitions are updated. The changes aren't reflected automatically on the web form even if you re-activate the decision model and update the connector within the process application.

Blank page upon opening a decision model

If you're using an older version of Firefox, you may encounter a blank page upon opening a decision model. Refresh the page to load the model successfully. Use the latest version of Firefox for a seamless experience.

Can't change a decision name

After you create a decision component in an application, you can't change its name.

As a workaround, you can recreate the decision component with a new name. In the process editor, you can change the name of the decision activity that references the decision component.
Canceled conditions and actions added to decision tables as blank rows

If you select **Add Condition** or **Add Action** in a decision table, then click **Cancel**, a blank row is added.

To delete the blank row, select the row and click the **Delete** icon.

Decision input icon displayed as string regardless of data type

In the Condition Browser, the icon for a string data type appears next to each decision input, even if the actual input data type is different.

Click Decision Properties to view the data types of the decision inputs and outputs.

New action value not updated if Parameterized checked

If you change the value of an action and check **Parameterized**, you can’t change the value again.

If you don’t check **Parameterized**, you can change the value.

Check **Parameterized** for an action that uses a value set, not an action in which you enter values individually.

Publish window reappears without any updates

The publish window reappears even if you don’t update anything in the rules activity page.

As a workaround, close the rule editor and publish. The next time publish shouldn’t show any new changes.

Other Issues

Review miscellaneous known issues in design time.

**Topics:**

- Cannot override schema with elements not present in the target namespace
- Fix validation error link absent for transformation errors
- JSON created with legacy library cannot be updated
- Dynamic process service activity support limitations
- No option to play QuickStart Apps
- Unable to share documents due to misaligned window size
- Recent Activity navigation may result in an error
- Validation errors after attribute for transformation modified
- Issue receiving intermediate messages from external applications
- No error message for deploying an empty application
Cannot override schema with elements not present in the target namespace

When you try to update a current schema with elements that are not present in the target namespace, then the current schema does not get updated with the changes but a new schema (XSD file with the new elements) gets created.

Fix validation error link absent for transformation errors

If a process contains an invalid transformation, then while validating the process, although the error gets displayed in the validation screen, the link to fix the error will not be available.

**Workaround:** Go to the Data Association editor, open the specific transformation, and fix the error.

JSON created with legacy library cannot be updated

You cannot update a JSON that has been created using legacy or old library.

**Workaround:** Delete the existing business object and create new business object.

Dynamic process service activity support limitations

Currently, the service task activity supports only those REST services whose payload attribute names do not start with uppercase letters or contain special characters. In addition, the service task activity doesn’t support SOAP connectors.

No option to play QuickStart Apps

The play option is not displayed when you try to test a QuickStart app from its overview page.

**Workaround:** Switch to the Advanced View of the application and test it using the Test button on the toolbar.

Unable to share documents due to misaligned window size

You are unable to share documents because, the wrong alignment of the documents window screen does not show the Done button if opened within the Task Details pane.

**Workaround:** Set the screen to the normal zoom of 100% or open the documents window separately.

Recent Activity navigation may result in an error

Navigating between multiple changes by selecting them from the Recent Activity list in Composer may result in a 500 error.
Validation errors after attribute for transformation modified

When you modify a type attribute that's included as the source or target of a transformation (for example, you delete a component from a web form), the value in the cache doesn't get updated properly in that context.

As a result, the validation produces incorrect results.

- If you use a new attribute, then the validation fails. The validation shouldn't fail in this case.
- If you remove an attribute, then the validation continues to use the attribute that you deleted. As a result, the validation succeeds (when it shouldn't) but the application deployment will fail because runtime does a check at deployment, detects the missing value, and produces an error.

As a workaround, close and reopen your process application to update the types and resolve these issues.

Issue receiving intermediate messages from external applications

An issue prevents a process from receiving an intermediate message, using either CatchEvent or ReceiveTask, from outside the application.

Generally speaking, receiving callbacks from external applications do not work. Callbacks sent within the same application work.

No error message for deploying an empty application

If you create an empty application, and you deploy it from the Management page, no error message appears during deployment.

An application with no processes, web forms, or other components is deployed normally.

You must have Administrator privileges to access the Management page.

Known Issues in Runtime

Review known issues in runtime in this release of Oracle Integration.

Topics:

- Oracle Business Intelligence Cloud Service integration deprecation
- Empty repeatable section doesn’t display in form received in email notification
- New actionable email attributes added
- Remote deployment unavailable in Oracle Integration
- Comments not displayed in task history in cookbook
- Web forms data doesn’t load when an application is invoked by a REST service
- Form cannot be submitted if a connector call fails
Oracle Business Intelligence Cloud Service integration deprecation

The integration between Oracle Business Intelligence Cloud Service and Processes in Oracle Integration is being deprecated.

Empty repeatable section doesn’t display in form received in email notification

If a repeatable section configured for a form is empty (no child components), then it will not be displayed in the form in runtime when the user (task assignee) receives the form as attachment in email notification.

New actionable email attributes added

When creating customized email templates to use to send notification emails for human tasks, you can include task object data in mustache templates. Task related attributes for the task object were added.

New task-related attributes include:

- **creatorId**: ID of the creator of the task
- **ownerGroupId**: ID of the group to which the task owner belongs
- **ownerRoleId**: ID of the role of the task owner
- **ownerUserId**: ID of the user who owns the task
- **acquiredBy**: Name of the user who has acquired the task
- **acquiredById**: ID of the user who has acquired the task
- **fromUserId**: ID of the user from whom the task was acquired
- **taskNumber**: Task number
- **updatedBy**: Name of the user who has updated the task
- **updatedById**: ID of the user who has updated the task
- **priorityNum**: Priority number of the task

New process-related attributes include:

- **processName**: Name of the process in which the task is present
- **instanceId**: ID of the process instance in which the task is present
- **processId**: ID of the process in which the task is present
- **processVersion**: Version of the process in which the task is present

Remote deployment unavailable in Oracle Integration

The Remote Server deployment feature is not available in Oracle Integration.
Comments not displayed in task history in cookbook

In the Process UI embeddable components, when you add a comment requesting information and reassign a task to a second user, the comment posted while reassigning the task is not displayed in the task history.

Web forms data doesn’t load when an application is invoked by a REST service

If you use a REST service to launch an application containing a web form, an executable instance of the application is created but the forms data does not load.

**Workaround:** To have the forms data loaded into the runtime UI, invoke the REST API with the business object name associated with the web form.

Form cannot be submitted if a connector call fails

If a connector call fails, all subsequent actions in the web form aren’t executed and the form cannot be submitted.

**Known Issues with Oracle Content and Experience Cloud**

Review known issues related to Oracle Content and Experience Cloud integration.

**Topics:**
- Conversations currently unavailable
- Access issues and configuration changes
- Limitations for creating a document- or folder-initiated process
- Folder start not supported by Oracle Content and Experience Cloud

**Conversations currently unavailable**

Conversations functionality is not available in this release when Oracle Content and Experience Cloud is integrated with Oracle Integration. (Documents functionality is complete.)

**Access issues and configuration changes**

After you integrate Oracle Content and Experience Cloud with Process, keep in mind that access issues or configuration changes can result in errors.

For example:

- If you modify the Oracle Content and Experience Cloud configuration that is currently in use, its associated documents can no longer be accessed.
– For documents, you'll get an error when you click Documents or when you access a document from the list on either the Task Details page or the Tracking page.

• If an application folder created by a process gets removed, an administrator must restore it from the Oracle Content and Experience Cloud trash folder.

Limitations for creating a document- or folder-initiated process

You can use the new Document Start or Folder Start event to model a process that can be initiated by a document or a folder.

The current limitations for creating a document- or folder-initiated process are as follows:

• Processes with the Folder Start event can't be configured in Oracle Content and Experience Cloud to start automatically when a folder is created.

• When you create the process, you must initially select an empty start event (None). You must then add either the Document Start or the Folder Start event from the Elements palette, and delete the empty start event.

• Don’t change a start event using the Change Type option, and don’t delete the first Document Start or Folder Start event. These actions will invalidate the process for use.

Folder start not supported by Oracle Content and Experience Cloud

Although Process supports a folder start event in a process, the folder start isn’t yet supported by Oracle Content and Experience Cloud. However, you can instantiate the process through the REST API and provide the necessary folder details.

See Using REST API Calls to Instantiate a Process in Using Processes in Oracle Integration.
Oracle Visual Builder Issues

Review Oracle Visual Builder issues in Oracle Integration.

Topics:
- Known Issues
- Oracle Visual Builder Known Issues – Classic Applications

Known Issues

Known issues associated with this release of Oracle Visual Builder.

Topics:
- Calls to Integration not working in staged/published apps
- Images broken without $application.path prefix
- The oj-tree-view component behaves as multi-select component on touch-enabled devices
- Disabled attributes cannot be longer than 128 characters in IE 11
- ListView makes repeated calls until all results are fetched
- Rendering a chart can be very slow
- Invalid session dialog appears after uploading translations archive
- Menu component rendered incorrectly in Designer
- Unable to see business object data on Android device
- Deleted business object still visible in Artifact Browser
- Undo action does not remove keys in translation bundle
- Staging option not shown until browser reloaded
- Problems when staging with development data are not reported
- New business objects not displayed after using Import Business Objects wizard
- 401 error when accessing the Catalog API or business object API in a browser
- Sorting by referenced field not working for business objects with an aggregate field
- Date column in csv file is not imported

Calls to Integration not working in staged/published apps

For service connections to Integration endpoints created from the Catalog, calls to the endpoints that are executed in the design time might not work when the apps are staged or published.
The workaround is to open the Services tab in the visual application's Settings editor and override the tenant settings for Integrations, without changing the values. You then need to re-stage or re-publish the app.

Images broken without \$application.path prefix

Images will not render correctly when apps are published and staged if \$application.path or \$flow.path are not prepended to the path to the image in the Property Inspector. For example, for the image file wave.png, the Source URL for the Image component in the Property Inspector might be similar to {{ \$application.path + 'resources/images/wave.png' }}. You can use the Audits feature in Visual Builder to help you locate image paths in your app that might not be formed correctly.

The oj-tree-view component behaves as multi-select component on touch-enabled devices

On touch-enabled devices, a click event on an oj-tree-view component item is recognized as a tap in a multiselect grouping instead of normal select.

Disabled attributes cannot be longer than 128 characters in IE 11

In Internet Explorer 11, the value of an attribute used in the HTML file cannot be an expression that is longer than 128 characters. The workaround is to replace expressions in the HTML file with a reference to a page variable that has the expression set as the default value.

ListView makes repeated calls until all results are fetched

Changes to the ListView component introduced in JET 6.1 can cause the component to retrieve all rows from a REST API when the component's scroll-Policy property is set to "auto".

To limit the number of rows retrieved by the component, the workaround is to either set the component's scroll-Policy property to "loadMoreOnScroll", or if "auto" is set, configure the maxSize property on SDP.pagingCriteria. By setting the maxSize property, you can optimize the number of rows that will be fetched in a single iteration. If no value is set for the maxSize property, the SDP will use the default value for maxSize when the component requests all rows, but the default value might not be optimal for your purposes.

Rendering a chart can be very slow

Rendering a chart might take a long time when the connection to the data source is slow. There is no progress indicator in the chart component that it is in the process of loading the data. There is no workaround available.

Invalid session dialog appears after uploading translations archive
When importing a translations ZIP archive in the Translations tab of the Settings editor, a dialog stating the session is invalid or expired might appear. The workaround is to reload your browser if you see this dialog.

**Menu component rendered incorrectly in Designer**

In apps created in earlier versions of Visual Builder, components that use `oj-menu` (for example, in a context menu slot or the Menu Button component) are not rendered correctly when the app is opened in the current version of Visual Builder or when it is re-staged. The workaround is to modify the style properties of the component to add `style="display:none;"`.

**Unable to see business object data on Android device**

On Android devices, retrieving data from a business object might time out when the data set is very large.

**Deleted business object still visible in Artifact Browser**

In the business object Diagrammer, when two or more business objects are selected and you click Delete in the popup menu, the business objects are still listed in the Artifact Browser. You need to reload the page to refresh the list of business objects in the Artifact Browser.

**Undo action does not remove keys in translation bundle**

After adding a translation key for a string in the Property Inspector, using the Undo action removes the binding to the translation bundle in the Property Inspector and the Design view and Code view of the page, but the key value is not removed from the JSON file in the translation bundle.

The workaround is to use the Undo action again to remove the key value from the JSON file.

**Staging option not shown until browser reloaded**

When restaging an app using the menu in the application's toolbar, the "Keep existing data in Stage" option might not be displayed in the Stage Application dialog box.

You will need to reload the page in your browser to display the option in the dialog box.

**Problems when staging with development data are not reported**

When staging an app and replacing the Staged data with Development data, problems that occur when copying the data (for example unique constraint violations) are not reported.
New business objects not displayed after using Import Business Objects wizard

When importing csv, xls, xlsx or zip archive files in the Import Business Object wizard, business objects that are created might not appear in the Business Objects panel in the Artifact Browser.

The business objects are displayed in the panel after you reload the page in your browser.

401 error when accessing the Catalog API or business object API in a browser

The URL for a business object’s APIs and the URL for the Catalog API of business objects in an application are not accessible from a web browser. A 401 Authorization Required page is displayed when trying to access the URLs in a browser.

Access to the URLs requires authorization that is not supported by web browsers. The URLs can be accessed from other applications and clients using an access token or Basic Auth for authorization.

Sorting by referenced field not working for business objects with an aggregate field

Business objects that contain an aggregate field cannot be sorted by a referenced field.

Date column in csv file is not imported

When importing a csv file that contains a date column, importing the column fails when the date is formatted dd/MM/yy HH:mm.

Oracle Visual Builder Known Issues – Classic Applications

Known issues associated with classic applications for this release of Oracle Visual Builder.

Topics:

- Error ORA-00600 when publishing app with clean database
- Cannot save process when space name starts with numeral
- Problem with chart aggregation in child object
- Incorrect error message displayed in popup
- Accessor not exposed when set on non-child relation
- Aggregated Chart ignores business object’s security restrictions
• No warning message after accessors updated after renaming a reference field
• Error message when anonymous user accesses secure resource
• Staging application with unique constraint might fail
• Unable to edit table in multi-user scenario
• Read Only option not available for Image component
• Formatted address value not appearing in mobile designer after mapping

Error ORA-00600 when publishing app with clean database

In some environments that use an older version of the database service, publishing a classic application with a clean database will fail with the database error ORA-00600. The error does not occur after the database service is updated.

Cannot save process when space name starts with numeral

When creating a new Process Cloud process in a classic application, saving the process will fail if the space name starts with a numeral. The workaround is to ensure that the space name starts with a letter.

Problem with chart aggregation in child object

Aggregation is not available for charts displaying data in child objects.

Incorrect error message displayed in popup

When table creation fails in an application, the text displayed in the popup contains an error. The popup contains the text “Reload ABCS” instead of “Reload VBCS”.

Accessor not exposed when set on non-child relation

When there is a non-child relationship between two custom business objects, by default no accessor is set on the relation to navigate from the one to the many end. The reverse accessor is not supported for REST and setting this accessor in the Edit Relationship dialog will cause an error.

Aggregated Chart ignores business object’s security restrictions

Aggregated chart components are not following the security restrictions that are specified for business objects. For example, when view rights of business object data are granted to a specific user role, only users with the specified role can view the data in a table. However, an aggregated chart based on the business object ignores the security restriction and is visible to all users.

You should exercise caution when and where you use aggregated charts to display data where security rules are applied.
No warning message after accessors updated after renaming a reference field

After renaming a reference field, the corresponding accessor is automatically updated in the business objects but not updated where used in scripts such as in Business Rules and Object Functions, and there is no warning message to indicate that names used in scripts might need to be updated.

Error message when anonymous user accesses secure resource

When an anonymous user attempts to access a page with data from a business object from an external service that requires authentication, the user might see a message that there is no data or there was an error loading the data. Attempting to use the Create button to add a new item will fail.

The workaround is to disable anonymous access to the application or to those pages that display secured data.

Staging application with unique constraint might fail

When staging an application using the “Populate with development Data” option, importing the data might fail if the Unique Constraint property has been applied to a field in the development database and some of the values stored in that field are not unique. There is no warning that importing the development data failed.

A workaround would be to modify the data to avoid duplicates. Alternatively, you could disable the unique constraint property for the field before staging the application. After staging the application and importing the development data to the staging database, you could enable the unique constraint property and stage the application again without copying the development data to the staging database.

Unable to edit table in multi-user scenario

A user attempting to create a table with the wizard while another user is editing the same page is notified that the page has been reloaded and updated. The user is unable to resume creating the table after the page is reloaded and the page is unstable. Multi-user support forces full reload when the page model is modified by another user.

Read Only option not available for Image component

In the Mobile Designer, the Read Only option is not available in the Properties Inspector as an option for Image components.

Formatted address value not appearing in mobile designer after mapping
When designing the screens of your app in the Mobile Designer, text area fields might not display the values of formatted text in the business object. The formatted text values are displayed correctly in the simulator. Click Test to preview the app in the simulator to confirm that the text values are retrieved and displayed correctly.
Integration Analytics Issues

Review Integration Analytics issues in Oracle Integration.

ℹ️ Applies only to Oracle Integration Classic (user-managed).

Topics:
- Common Known Issues for Integration Analytics
- Known Issues for Integration Insight
- Known Issues for Stream Analytics

Common Known Issues for Integration Analytics

Review known issues that apply for both Integration Insight and Stream Analytics in this release of Oracle Integration.

ℹ️ Applies only to Oracle Integration Classic (user-managed).

Topics:
- Multi-Node Integration Analytics Instances Not Supported

Multi-Node Integration Analytics Instances Not Supported

Provisioning multi-node Integration Analytics instances and scaling out single-node instances is not supported in this release.

Known Issues for Integration Insight

Review known issues for Integration Insight in this release of Oracle Integration.

ℹ️ Applies only to Oracle Integration Classic (user-managed).

Topics:
- Filtering for Null Values May Not Show Expected Results
- Drill Down from Bubble Chart May Not Show Any Business Transactions
- Drill Down from Scatter Chart Does Not Display
- Drill Down from Passed Milestones May Not Show All Business Transactions
- Indicator Information Does Not Show Associated Milestone
- Integration Insight Does Not Support Microsoft Edge and Microsoft Internet Explorer Browsers
• Insight Entry Sometimes Does Not Appear in Navigation Menu
• Logging Screen Doesn't Load on Integration Analytics Instances

Filtering for Null Values May Not Show Expected Results

When you specify filters on the Console page or , the results display the data that meets the filter criteria.

When filtering data on the Console page for custom dashboards:
• a filter value of NULL (uppercase) shows data with null values as expected
• a filter value of null (lowercase) does not show any results

When filtering data on the:
• a filter value of null (lowercase) shows data with null values as expected
• a filter value of NULL (uppercase) does not show any results

Drill Down from Bubble Chart May Not Show Any Business Transactions

When you drill down from a bubble in a bubble chart custom dashboard, the opens to show the associated business transactions (instances).

When the dimension that is defined for grouping the bubble chart is not filterable, drilling down from a bubble shows no results in the . The dimension must be filterable in order to show results on the Business Transactions dashboard.

Drill Down from Scatter Chart Does Not Display

When you attempt to drill down from a scatter chart custom dashboard, the does not open to show the associated business transactions (instances).

Drill Down from Passed Milestones May Not Show All Business Transactions

When you drill down from a milestone in the Passed Milestones dashboard, the opens to show the business transactions (instances) that have passed that milestone.

Only those business transactions that were started on the same day as the milestone was passed are listed. Any business transactions started on a date different than the milestone date are not listed.

Indicator Information Does Not Show Associated Milestone

When you add an indicator (dimension or measure) to a milestone, Integration Insight does not immediately show the milestone in the indicator information, even though the association is made.

To see the milestone in the indicator information, save and close the model, then open it again to refresh the indicator information.
Integration Insight Does Not Support Microsoft Edge and Microsoft Internet Explorer Browsers

The Microsoft Edge and Microsoft Internet Explorer browsers are not fully supported in this release.

Insight Entry Sometimes Does Not Appear in Navigation Menu

When an Integration Analytics instance is registered in Oracle Integration, an entry for Integration Insight (Insight) appears in the navigation menu.

Occasionally, when viewing the Oracle Integration Home page, the Insight entry does not appear in the navigation menu.

**Workaround:** Refresh the page. The Insight entry should now appear.

Logging Screen Doesn't Load on Integration Analytics Instances

From the Oracle Integration Home page, clicking **Settings** then **Logging** opens the Logging screen.

This screen is blank when you access it on an Integration Analytics Oracle Integration instance. It functions as expected when accessed from an Integrations or Integrations and Process instance, although it will not display logging details for Integration Insight and Stream Analytics.

This is a known issue in this release.

Known Issues for Stream Analytics

Review known issues for Stream Analytics in this release of Oracle Integration.

⚠️ Applies only to Oracle Integration Classic (user-managed).

**Topics:**

- Node Manager Unhealthy Due to No Storage Space
- Druid Zookeeper Server Configuration
- Contextual Data Management in Stream Analytics
- Storage for Spark Standalone
- Usage of Same Login from Different Places is Not Supported
- No Connection to Server Error Thrown While Logging In
- Can't Sign Out Successfully
- Concat for Two Integer Parameters Does Not Work In Rules
- Supported Browsers

Node Manager Unhealthy Due to No Storage Space
Node manager is unhealthy due to no storage space on local directories. Yarn Resource Manager copies related files for execution onto each node manager for local calculations. Due to this behavior of Yarn, the local storage capacity is exhausted. This is a known issue.

**Workaround:**

Add the following two parameters on Yarn Big Data Cloud Service Enterprise Edition to clean up the space automatically:

```plaintext
yarn.nodemanager.localizer.cache.target-size-mb
yarn.nodemanager.localizer.cache.cleanup.interval-ms
```

**Druid Zookeeper Server Configuration**

Druid Zookeeper Server needs to be configured to use the Analytics feature as it is a 3rd party product.

**Contextual Data Management in Stream Analytics**

Make sure to check **Enable Caching** in the **Create Reference** wizard to enable Contextual Data Management in Stream Analytics.

**Storage for Spark Standalone**

The preferred file storage for Spark Standalone is NFS. Configure the `SPARK_CLASSPATH` environment variable and NFS path to point to the directory where Spark has been deployed. If this is not configured properly, you will see a `ClassNotFoundException` exception.

**Usage of Same Login from Different Places is Not Supported**

Currently, usage of same login from different places is not supported. If you try to login at multiple places with the same user, the user who has logged later will see Starting Pipeline unless the WebLogic Server is restarted.

**No Connection to Server Error Thrown While Logging In**

Without bypassing LBaaS, while logging in to OSACS, sometimes the following error is thrown:

No Connection to Server. Check your network connection and refresh page. If the problem persist contact administrator.

**Workaround:**

Disable the LBaaS redirect and access Stream Analytics directly from the Managed Server through the WebLogic Console.
Can't Sign Out Successfully

You can't sign out and re-sign in to Stream Analytics. When you sign out, sometimes you're directed to a black sign in page or welcome page. Signing in by providing login details doesn't work.

Concat for Two Integer Parameters Does Not Work In Rules

concat function for two integer parameters does not work in Business Rules. It tries to assign sum of integers to string.

Supported Browsers

Not all browsers are supported for Stream Analytics.

Stream Analytics supports only Chrome browser. Other browsers like FireFox, Internet Explorer, Microsoft Edge, and Safari aren't supported.