# Oracle® Cloud

# Known Issues for Oracle Visual Builder Studio

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Oracle Cloud Known Issues for Oracle Visual Builder Studio, Release 25.10.1

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# Contents

# About This Content

This guide describes known issues for Oracle Visual Builder Studio.

### Audience

This document is intended for all Oracle Visual Builder Studio users.

### 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

See these Oracle resources:

- Oracle Visual Builder Studio documentation in the Oracle Cloud Library on the Oracle Help Center.
- Oracle Public Cloud

  `http://cloud.oracle.com`

### 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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# Supported Browsers

Visual Builder Studio supports the latest version of Google Chrome and Microsoft Edge running on Mac OS X and Windows. Other browsers and platforms are not supported.

Applications created using Visual Builder Studio can run on any browser supported by Oracle JET. For details, see What platforms are supported by Oracle JET?

JavaScript must be enabled for the browser.

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# Upgrade Policy

When you create a new visual app, Visual Builder Studio automatically sets your runtime dependencies to the latest Visual Builder Runtime and JET versions. If you've already deployed (shared or published) an app, however, it's up to you to decide when to upgrade, as long as you do so within a certain time period.

As a general rule, you can run a published VB Studio application built on the current runtime version, and continue running it on the four previous versions. So for 25.10, for example, VB Studio supports not only the 25.10 runtime version, but also apps built with 25.07, 25.04, 25.01, and 24.10. Once 26.01 comes out, support for the 24.10 runtime version will drop off, so we'll ask you to upgrade those apps before you can work on them in the Designer. If you choose not to upgrade at that time, you run the risk that newer browser versions will break your app. You also won't be able to take advantage of any important security and performance improvements. For all of these reasons, we encourage you to build time into your development cycle to keep abreast of current changes, and to make sure you upgrade your app (you should version it first) **before** support for your current runtime version expires.

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# Known Issues

Known issues associated with this release of Oracle Visual Builder Studio.

**Known Issues**



## Known Issues in Business Objects

You might encounter the following issues when working with business objects in your applications.

**Issues**



### New business objects not selected in Business Object Resource Editor

When you create new business objects from a file (CSV, zip, xls) using the Import Business Object wizard, the business objects might not be selected when you open the Business Object Resource Editor in the Endpoints tab, but the available new business objects should be selected by default when you open the editor.

If the business objects are not selected by default:

1. Reload your browser. After reloading the browser, the business objects should be selected in the Business Object Resource Editor.
2. Choose the business objects you want to expose.
3. Click Apply Defaults, then click Save.

### Problems when saving business object diagram as image

When trying to save a business object diagram as an image, you might see the following issues:

- It's not possible to save the diagram as a PNG image.

- When saving the diagram as a SVG file, the icons representing the business object field types are not displayed correctly in the saved image. All the icons are rendered as "broken" images.

The workaround to save a diagram where the field icons are intact is to use the zoom in/out tools to make the entire diagram visible, and then to take a screen shot of the diagram using a screen capture application.

## Creating new record using REST API results in empty response

If your Visual Builder instance is configured to use another Oracle DB, when you use the REST API to insert a new record in a table you might see a response that contains no data, even though the insert is successful and the call returns the expected status (HTTP 201).

This can happen when a business object has a primary key field defined as `<column name> NUMBER GENERATED BY DEFAULT ON NULL AS IDENTITY ....`

The workaround is to perform the following steps to modify the business object's primary key field:

1. Open the application in Visual Builder.
2. Open the business object you want to modify.
3. Open the **Fields** tab.
4. Select the primary key field.
5. In the Sequence Name dropdown list, select the appropriate internal sequence used by the database to create new records in the table.
   If the database schema has only one table with an identity column, it should be clear which sequence to select (the sequence will have an internal looking name). If there is more than one table with an identity column, you can use the following query to locate the sequence the database created for the column:

   ```
   select data_default from SYS.user_tab_columns where table_name = <table name used by the BO> and column_name = <primary key field>;
   ```

After the Sequence Name property is set to the the correct sequence, Visual Builder will select `nextval` from that sequence before inserting the record into the table, and will use that value in the primary key column.

## Logging and Tracing not supported in Visual Builder Studio

The Logs and Trace tools for business objects are not supported in Visual Builder Studio. The Logs tab in Visual Builder Studio does not display logs related to business objects. The Trace tab has been hidden.

If you want to use the Logs and Trace tools for business objects, open the associated Oracle Visual Builder or Oracle Integration environment and then open the app.

# Known Issues in Creating and Building Projects

You might encounter the following issues when creating and building Visual Builder projects.

**Issues**

## Staging PWA app fails in government realm

Staging a PWA app might fail on instances in government realms.

## Update deprecated Oracle SaaS application template theme

The sample **SaaS R13 LightBlue theme (ApplicationsCloudUITheme) is deprecated** as it relies on the deprecated Alta theme. If any of your existing apps use this theme, you are strongly encouraged to convert them to use the Redwood or Stable themes, and then customize the theme using CSS variables.

The sample SaaS R13 LightBlue theme update for Oracle Visual Builder 22.10 is the final planned update.

For existing apps that still use the SaaS R13 LightBlue theme, you'll need to apply the update before running the app with Oracle Visual Builder 22.10. To upgrade the theme, download the updated version of the Oracle SaaS R13 theme files (*`ApplicationsCloudUI-n.n.n.zip`*) from the vbcs-samples repository on GitHub, import the updated theme resources into your application, and select the updated theme in your web app's Settings editor. For details on the upgrade steps, see Upgrading the Sample R13 SaaS LightBlue Theme for Visual Builder.

## Cannot switch theme in application settings

You might not be able to upgrade an application's theme because the theme dropdown list is not available or is not working properly.

If you run into this situation, the workaround is to upgrade the application:

1. Upgrade the app version to the next higher version (for example, from version 21.07 to 21.10).
2. Upgrade the application's theme.

## Camera component no longer offers camera capture option on Chrome browser on Android 14

When running an app in the Chrome browser on devices running Android 14, invoking the camera component from the app to capture a photo might not work correctly.

The workaround is to edit the File Picker's Accept property in the app to add "text/plain", and then republish the app.

## Loading JSON using Text module stops Persistence Toolkit working

If you add JSON resources to your app, as shown in these code snippets, the Oracle Offline Persistence Toolkit stops working.

```
// Add resource
define([
  'text!resources2/js/test.json'
], function(

// Where resources2 is defined as:
  "requirejs": {
        "paths": {
            "resources2": "{{ location.pathname +
(window.vbInitConfig.BASE_URL_TOKEN ?
                        window.vbInitConfig.BASE_URL_TOKEN + '/' : '') +
'resources'}}"
        }
    },
```

The following error occurs when the app tries to load the Oracle Offline Persistence Toolkit.

```
Failed to load offline handler from /ic/builder/rt/otf/2.0/webApps/foo/
version_279023731935549663/app-flow.js: Error: importScripts failed for /ic/
builder/rt/otf/2.0/
webApps/foo/version_279023731935549663/app-flow.js at /ic/builder/rt/otf/2.0/
webApps/foo/versio
n_279023731935549663/app-flow.js
https://requirejs.org/docs/errors.html#importscripts
```

Two possible workarounds exist to address this issue:

1. Wrap the JSON file in a JavaScript file and load the JavaScript file.
2. Use the Fetch API to load the JSON file in the offline handler.

## App extension with JET pack or web component can cause Cloud Application to stop working

Publishing your app extension might cause your Oracle Cloud Application to stop working if your extension uses Oracle JET packs or web components that are not hosted on CDN, which means the pack or web component resources are included in your extension when you build it.

Your Cloud Application might stop working if any of these resources were already optimized prior to you building the extension.

## VM agent fails when running build

Trying to run a build in Visual Builder Studio might fail with the error `Error: Failed to start the VM Agent`. This can happen if you are trying to run builds using a free micro Compute VM provided with an Oracle Cloud Free Tier account. The micro VM is not sufficient to run the System Default OL7 for Visual Builder build executor template that includes the necessary software for running VB Studio builds.

If you encounter this issue, you should remove the Oracle Cloud Free Tier account details from the OCI Account tab in the Organization page, and switch to using VB Studio's free VM build executor. The free VM build executor is sufficient to run VB Studio executor system templates. The free VM build executor is available in the VB Studio's built-in free account.

## PWA app no longer receives updates automatically after upgrade to Oracle Integration 3

PWA apps installed on user devices no longer receive automatic updates after your Visual Builder instance is migrated from Oracle Integration Gen 2 to Oracle Integration 3.

When users install PWA apps, the URL for your Visual Builder instance is embedded in the app. If the embedded URL points to a Visual Builder instance in Oracle Integration Gen 2, the app will no longer receive updates because redirecting to the URL for the Visual Builder instance in Oracle Integration 3 is not possible.

To receive updates to the app, the user needs to re-install the PWA app from the new Visual Builder location in Oracle Integration 3.

## No notification to refresh workspace after merged changes

If you aren't prompted to refresh your workspace even after changes have been merged to the project's Git repository, it may be because the number of files in the workspace exceeds the maximum limit. For optimal performance, the refresh functionality takes effect only in workspaces with fewer than 1000 files.

## Cannot publish a web app to a vanity URL when CI/CD pipeline is disabled

When publishing a web app to a custom domain/vanity URL, you need to use a CI/CD pipeline to publish the live version of the app. A vanity URL can only be used with a live app.

When you create a workspace, by default, a CI/CD pipeline is not set up for visual applications. This means that when you click Publish, your visual application's sources are built and the app is deployed directly to the environment associated with your workspace. This 'staged' app is useful for previewing and testing the app, but it is not the live app.

To publish a live app, you need to use a CI/CD pipeline, and configure a deploy job in the pipeline to deploy the live app to the target instance. If no CI/CD pipeline is set up for your app, you'll need to set one up to publish the live app, otherwise your app won't be made live.

## Optimization fails when staging, deploying, or publishing a visual app, or visual app is published but doesn't load external JavaScript in app's resources

After Visual Builder is upgraded to 25.10, you might be unable to stage, deploy, or publish visual apps, or else you might experience problems with the published app, because of errors during optimizing and transpiling the app.

Visual Builder optimizes apps by default when staging and publishing to reduce the size of the deployed application. This should work seamlessly in the vast majority of cases, but in some cases, optimization or transpilation might fail, especially if the application contains external JavaScript sources.

If optimization fails when staging, deploying, or publishing your visual application, or if the app contains external non-AMD JavaScript sources, you can suppress optimization and transpilation completely:

1. Navigate to the application's settings.
2. Select **Create Build Configuration** or **Open Build Configuration**.
   This opens `webApps/<webapp>/settings/build.json`.
3. Add the following to `build.json`:
   `"transpile": { "enable": false }, "optimize": { "suppress": true }`
4. Stage and deploy, or publish, the app again.

## Visual app fails to load with external CSS/JavaScript after staging or publishing

After Visual Builder is upgraded to 25.10, external CSS (such as Google Fonts) and JavaScript might not load correctly in your staged, deployed, or published visual app, even if the app looks fine when previewed. In the console log, you might see the following error:

```
Failed to find a valid digest in the 'integrity' attribute for resource https://
<something>. The resource has been blocked.
```

This happens because the build process generates a hash using an integrity attribute to ensure that the *same* external resources are used during both development and runtime. However, some libraries, such as Google Fonts, change their content based on the browser type, or are simply dynamic in nature.

If this issue occurs, you can avoid the integrity feature completely by doing the following:

1. Navigate to the application's settings.
2. Select **Create Build Configuration** or **Open Build Configuration**.
   This opens `webApps/<webapp>/settings/build.json`.
3. To avoid the addition of the integrity attribute, add the following snippet in `build.json`:
   `"build": { "subresource-integrity": { "enable": false } }`
4. Stage, deploy, or publish the app again.
5. Test the app to confirm that the external files have loaded correctly.

# Known Issues in Service Connections

The following issues might affect the behavior of service connections in your applications.

**Issues**



## Authentication failing on OIC service connections

When creating a service connection to an OIC Integration REST API, connecting to the service might fail if you select an authentication mechanism that is not permitted by the OIC Integration REST service's settings.

If the connection to the service fails with a 401 HTTP error code, check if the authentication settings for the VB Service Connection match the OIC Rest Trigger's Security settings.

If using the catalog for Integration applications, and the Integration Applications backend is configured with Basic Auth, retrieving the catalog will fail. In Oracle Integration 3, all OIC factory endpoints, including the one that retrieves the catalog endpoints, require OAuth authentication. To update the authentication type, navigate to the Integration Applications backend and set the authentication type to "Oracle Cloud Account", or any of the relevant OAuth types. The nearest replacement for Basic Auth is "OAuth 2.0 Resource Owner Password".

If you create the same service connection from an endpoint or specification, updating the authentication type is not needed, provided that:

- If the VB Service Connection to an openAPI based Integration uses "Oracle Cloud Account" or any of the OAuth 2.0 methods for authentication, then the corresponding OIC REST Trigger needs to be configured with either the "OAuth 2.0" or "OAuth 2.0 OR Basic" options.
- If the VB Service Connection to an openAPI-based Integration uses "Basic" for authentication, then the corresponding OIC REST Trigger needs to be configured with either the "Basic" or "OAuth 2.0 OR Basic" options.

If you are creating a Service Connection to an OIC REST endpoint that is not an openAPI-based Integration, then most likely only OAuth will be allowed. For details, see When is Basic Authentication Supported in Oracle Integration 3? and the relevant OIC documentation.

> **Tip**
>
> To determine whether your Integration is an openAPI-based integration, check the integration's metadata page (which may look something like `https://OIC_instance/ic/api/integration/v1/flows/rest/ECHO/1.0/metadata/`), which will have swagger and openAPI metadata URLs.

## Error testing connection to IDCS REST APIs with OAuth User Assertion Authentication type

Testing a service connection representing an IDCS REST API with OAuth 2 User Assertion Authentication type in the Test tab will not work. In doing so, you will face an error like:

```
{
"type": "abcs://proxy_problem/oauth/design_allowed_scope",
"title": "Invalid URI",
"detail": "Cannot process \"https://<idcs>.identity.oraclecloud.com/admin/v1/
Me\"",
"status": 400,
"o:errorDetails": [
{ "type": "abcs://proxy_problem/auth/scope/update", "title": "Invalid service
scope",
      "detail": "Cannot process service scope \"urn:opc:idm:t.user.me\" in
IDCS, for URI \"
{1}
\"",
"status": 400
}
]
}
```

This limitation only exists in the Service Tester (Test tab). Creating a web app and calling the same REST API from the web app works without any issues.

## Create service connection wizards ignore secure header setting

If you are using a backend that is configured with a secure header, and you create a service connection on the backend, you might receive an error when testing the connection. The wizards for creating a service connection from an endpoint and from a specification ignore the security header, which can result in the connection failing.

The workaround is to create and save an example response in the Create Service Connection from Endpoint wizard:

- Open the Create Service Connection from Endpoint wizard.
- Enter the endpoint and other connection details.
- Open the Response tab.

- In the Example text area, enter an example response (for example, `{"test" : "abc"}`), and then click **Save Example**. This creates a schema for the example.
- Click **Create** to create the service connection.

If you now test the connection to the endpoint, the connection is successful, and you can save the response. You can now save the actual response, which will correctly update the response schema of the service connection.

## Error creating service connection to Integration Applications from catalog

When creating a service connection to Integration Applications from the catalog, creating the connection might fail with the following error:

```
Error "Type 'Operation' can't map property 'X-OIC-CONSUMPTION-WARNING-CASDK-0063'
to a valid type. Verify that the property name is valid in this context.
```

The error is caused by an invalid swagger coming from OIC. The invalid swagger prevents Visual Builder from creating the service connection.

## CORS error when connecting to Oracle Integration

If you are using version 119 or later of the Chrome browser, you might see the following error when trying to configure a connection to services in Oracle Integration:

"Error: Cross-origin resource sharing error: Missing Allow origin header"

The reason for the error is that starting with version 119, the Chrome browser treats cross-domain redirects and CORS differently than earlier versions.

If you encounter the error, navigate to the "Integration Applications" backend and change the Connection Type to "Always use proxy, irrespective of CORS support" to eliminate the CORS issue.

## Service connection using self-signed certificate not working

Your staged or published apps might stop working if they use service connections with self-signed certificates and the certificates have expired. Any certificates issued after 2020-09-01T00:00:00.00Z will automatically expire 398 days after they have been issued. If your apps use certificates issued before 2020-09-01T00:00:00.00Z, the certificates will not expire, but you should update them with a newer certificate.

To avoid disruptions, you should plan regular updates to refresh the self-signed certificates before they expire (for example, every 6 months). It's not recommended to use self-signed certificates in production apps.

## Character limit in Process-related payloads

Starting with Visual Builder 23.07, the size of Oracle Integration Generation 2 Process-related payloads is limited to one million characters. If your Process-related payload is near or greater than the size limit, you should use the Process Cloud Service REST API directly to avoid the size limitation.

Support for Process is not available in Visual Builder instances enabled in Oracle Integration 3.

## Service connections not working after migration to OIC Gen 3

If your app has service connections to an OIC Gen 2 instance that you created from the catalog, the connections might stop working after the OIC Gen 2 instance is migrated to OIC Gen 3. This is because the design time API URL for the OIC Gen 3 service is different from the API URL for the OIC Gen 2 service.

The workaround:

1. Create a backend based on the design time URL of the API on OIC Gen 3. (For example, `https://design.integration..../ic/api/integration/v1/integrations`)
2. Update your service connection to use the backend.
   In your service connection, add a static query parameter to model the correct URL for your OIC instance. For example, for an OIC instance `myinstance` (`https://myinstance.integration...`), add the query parameter `integrationInstance=myinstance` to generate the instance's design time URL `https://design.integration..../ic/api/integration/v1/integrations?integrationInstance=myinstance`

## Error on performing any Process related action with anonymous access

Process related tasks are not supported with anonymous access. If you try to access any process related tasks (for example, Start Process/Perform Task) from a web or mobile app having anonymous access, you might run into this error.

```
{ "type": "vbcs://process_service_problem", "title": "Process Service Error",
"detail": "Authorization failed.", "status": 500, "o:errorCode":
"authorizationFailed" }
```

This will happen even if you manually allow anonymous access and give anonymous access credentials to the Process Applications backend.

## Error using service connections based on business object URL

When creating or updating a service connection based on a business object URL, you might find that the service connection URL is automatically updated to `vb-catalog://backends/ics` or `vb-catalog://backends/process` if you have an OIC or Process instance configured as backends.

Backends are now mandatory for service connections, so Visual Builder tries to match the URL with any existing backend, and uses that backend if found. As a result, if OIC, Process, and business object URLs all point to the same instance, Visual Builder might try to use the same backend. To avoid this, you can do the following:

1. Create a backend called BOBackend with the base URL of the business objects (for example, `https://someinstance...oraclecloud.com`) and the proper authentication and connection type. (To avoid problems, you might want to consult the service connection you are connecting to, and provide the same details in the backend).
2. Then do the following:

- For *existing* service connections based on business objects, replace the URL segment that is based on the BOBackend. An example is shown below, but your URL might be different and have more or fewer segments:

```
"servers": [
   { "url": "https://someinstance...oraclecloud.com/ic/builder/rt/
someapp/1.0.4/resources",
"description" : "something""x-vb": {
        "authentication": {
            "authenticated": { "type": "basic", "credentials":
"vb_xxx" }
          }
     }
   }
],
```

  Change it to this:

```
"servers": [
   { "url": "vb-catalog://backends/BOBackend/ic/builder/rt/someapp/
1.0.4/resources"
   }
],
```

  Test the service connection in the Test tab to confirm it works as expected.

- For creating *new* service connections based on business objects, first select the BOBackend in the URL, and then add the remaining part comprising the URL.

# Action required for Digital Customer Service customers 20C-23A

Digital Customer Service customers who created visual applications with VB Studio from 20C through 23A will need to take action after migrating to VB Studio 24.10 (24D).

This migration disables the implicit grant for service connections, which means data can't be loaded into your visual app. You'll know you're affected if you see a persistent gray loading indicator for the service request list. To resolve this, change the authentication type used in the Oracle Cloud Applications backend and service connection:

1. In your visual application, open the Services pane in the Navigator.
2. Click **Backends**.
3. Click **Oracle Cloud Applications**, then the **Servers** tab.
4. Find the server **Production Knowledge Service with user proxy** and click the pencil icon.
5. In the **Authentication for Logged-In Users** drop-down list, select **Oracle Cloud Account**.
6. Click **Save**.

Additionally, if you built a visual application that depends on the 23A `knowledge-service` service connection, you'll need to change the authentication type there, too:

1. In the Navigator's Services pane, click **Service Connections**.
2. Click **knowledge-service**, then the **Servers** tab.

3. Click the pencil icon next to **Production Knowledge Service with user proxy.**
4. In the **Authentication for Logged-In Users** drop-down list, select **Oracle Cloud Account**.
5. Click **Save**.

## Connecting to Integrations in Oracle Integration 3 fails

Connecting to the Integrations entry in the catalog might fail if you have configured Visual Builder Studio to use a Visual Builder instance in Oracle Integration 3 as an environment, and you are trying to authenticate using OAuth.

## statusText value is empty in REST response

If you are using the statusText property from a REST response in your app, the app might not behave as expected because the property value is empty. The statusText property is not handled consistently by all browsers, so most browsers return an empty or null value.

Because the behavior is unpredictable, you should not use the statusText property in your app's business logic.

## Staging app corrupts catalog.json file that contains a header value with escaped JSON

In Visual Builder instances upgraded to 25.10.1, REST services might fail on staged/published Digital Customer Service apps. This only applies to visual apps based on a "Digital Customer Service" template.

If you are using a visual app based on a "Digital Customer Service" template, then in Visual Builder 25.10.1, after staging or publishing the app, you might see all REST service calls fail when you run the app. This can happen because the catalog.json is rendered unreadable due to a problematic header entry in the "Knowledge Management V2 API" backend.

To make the app work again, perform the following steps to move the offending header value from the backend (catalog.json) to the service connection (openapi3.json).

1. Open the Services panel from the navigator on the left.
2. Open Knowledge Management V2 API on the Backends tab.
3. Open the Headers tab.
4. Copy the value of the kmauthtoken header.
5. Press the bin icon to delete the kmauthtoken header.
6. Open kmRestApi in the Service Connections tab.
7. Open the Headers tab.
8. Click **+Header**.
9. Enter the name "kmauthtoken" and the following value:
   `{"interfaceId":"1","localeId":"en_US","localeOverride":"true"}`

   This is the header value copied in step 4 above.
10. Stage the application.

The error should no longer appear.

# Known Issues in the Page Designer

You might encounter the following issues when working with the Page Designer.

**Issues**



## Component not loading in page after upgrading application

After upgrading your application, some components might not load data correctly when bound to an ADP variable, if the application/page's JSON / JavaScript files contain configurations or code that returns invalid JSON data.

ADP data in a JSON file needs to be assigned a valid JSON value. ADP data that is assigned a value from the result of a previous action (for example, a call module action or REST action), must also be valid JSON. When a non-JSON value (such as JavaScript values like NaN or Infinity) is provided, you should choose the correct JSON value that should be used and then replace it.

Visual Builder upgrade tools might not be equipped to correctly upgrade the application when invalid JSON is present.

The workaround is to ensure that all values in JSON files are valid JSON.

## Filter field populated with cached data

When using the Filter field in the Designer, Chrome's Autofill form data feature might populate the field in some panels and dialogs with cached data. For example, when using the Filter field in the Navigator, the field might display your cached email address. If cached data is appearing in the field, clear Chrome's cached Autofill form data:

1. Click the three dots at the top right of the Chrome browser window to open the Chrome options menu.
2. Select **More tools** > **Clear browsing data** in the menu.
3. Open the **Advanced** tab in the Clear browsing data dialog box.
4. Select **All Time** in the Time range dropdown list.
5. Select **Autofill form data** in the list. Click **Clear Data**.

## JavaScript tab not visible in Designer

When developing an Oracle Cloud Application extension, the tab for editing JavaScript might not be visible when you open a layout in the Designer.

To open the JavaScript editor, locate the JavaScript file (for example, `layout-x.js`) in the Source view of the navigator, and then click the file to open it in the Designer. If the JavaScript editor is still not visible in the Designer, click the file again in the navigator.

## App extension page preview isn't displayed in the Designer

When working on an app extension, you might see a "Page cannot be previewed" message in the Designer if your browser is blocking access to your Oracle Cloud Application instance. To configure your browser to allow access:

1. Configure the browser's cookies options in `chrome://settings/cookies` and disable Block third-party cookies, if it's not already disabled.
2. Click Add next to the "Sites allowed to use third-party cookies" option, then type your Oracle Cloud Application host domain in the Add a site dialog box. Click Add.
3. Disable the browser's "SameSite by default cookies" flag by adding `--disable-features=SameSiteByDefaultCookies` to the browser's startup parameters.
   If you're using Chrome 90 or older, you can disable the "SameSite by default cookies" flag in the browser's Flag options page (`chrome://flags`).

For more details on setting the browser options, see Resolving the error “Page cannot be previewed” in *Extending Oracle Cloud Applications with Visual Builder Studio*.

## Display logic not working with field identifiers

When you are adding a display logic rule in a dynamic form rule set, rules containing `$fields.<fieldName>.value()` are not applicable if the form is using a GET Many endpoint. You'll need to change the field identifier to something like `$value.<fieldName>`.

# Other Known Issues in Visual Builder Studio

You might encounter the following issues when developing apps and extensions in Visual Builder Studio.

**Issues**



## Lists and paragraphs not rendered correctly in wiki page

If you are using Markdown for your project's wiki pages, lists and paragraphs on some pages might look different if they use syntax incompatible with the updated wiki support in Visual Builder Studio 24.07. As a result of the update, some lists that contain embedded constructs (such as code) might be displayed differently, and pages might contain unexpected line breaks.

The workaround is to manually edit the wiki pages that are not displaying correctly. To add a line break in a page using the Markdown markup:

- type two spaces, followed by a return, or
- type a backslash (\), followed by a return.