



**CONFIGURE, PRICE,
AND QUOTE
CLOUD**

March 2017

Update Document
Oracle CPQ Cloud
2016 Release 2 Update 2 (2016.2.2)

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The Oracle CPQ Cloud 2016 R2 Update 2 document provides a high-level description of the bug fixes included in this update. This document also provides information on supported and certified browsers. For more information on 2016 R2 features, please see the 2016 R2 What's New document.

Hotfixes

Bug ID	Description	Resolution
Configuration		
25353974	When BMQL was used in an advanced function to retrieve the value of a Commerce attribute for a Recommendation Action in 2016 R2, the value was not retrieved when a Configuration was invoked through a Configuration Web Service.	Commerce attribute values are now accessible via BMQL in recommendation actions when the configuration is invoked using WebServices.
25471533	When a user selected an option from a Single Select Pick List that referenced a large data table in 2016 R1, occasionally the selection value was erased after 'Update' was selected.	When users select an option from a Single Select Pick List that references a large data table, the selection value is now retained after 'Update'.
Commerce		
25359973	When a user attempted to download the history XML for an extremely large Transaction in 2016 R2, the process ran out of memory and did not complete the download.	Refer to the Transaction History Functionality Changes section below.
25348230	In 2016 R2, users could not display the Transaction history for large Transactions that ran actions to update several attributes when the Display Attribute History Action was invoked.	Refer to the Transaction History Functionality Changes section below.
25607451	Operators were not available for Boolean type attributes in advanced Commerce rules after upgrading to 2016 R2 Update 1.	Valid operators are now available for Boolean type attributes in advanced Commerce rules.
Integration		
25410290	When a Partner Organization user invoked the CPQ "Return to Opportunity" action in 2016 R2, they were not returned to the opportunity inside the partner community UI. Instead, users were sent to the full access user URL. Since Partner Organization users do not have sign in credentials for this page, they were redirected to a login page.	Partner Organization users now return to the opportunity inside the partner community UI when the CPQ "Return to Opportunity" action is invoked.

Transaction History Functionality Changes

In 2016 R2 Update 2, CPQ Cloud improves the efficiency of viewing Transaction history containing a large amount of data. In prior releases, the number of actions combined with the number of attribute changes had a direct impact on performance when viewing Transaction history. As the amount of data increased, performance decreased. This caused issues for administrators who tried to view and debug the history and customers who tried to print the history.

Administration Updates

Beginning in 2016 R2 Update 2, users can only download the entire history XML for one Transaction at a time. If multiple requests are created, they are queued up similar to deployment requests for Data Tables.

History XML download requests are initiated from the **History XML** page, which is accessed from Bulk Downloads or the Add/Update XSL View page.

- Administration Home Page > Bulk Data Services **Download** > **History XML**
- Administration Home Page > Process Definition > **Printer Friendly / History XSL Views** > *XSL View Name* > **Download Complete History XML**

The **Search Criteria** for **History XML** page has been added to schedule a History XML Download.

Search Criteria		History XML	
Scheduled Download Date/Time	<input type="text" value="02/28/2017 6:47 AM"/>		
Download Format	<input checked="" type="radio"/> XML		
Field	Type	Comparator	Value
Transaction ID	Integer	=	<input type="text" value="<transaction_id>"/>
<input type="button" value="Download"/> <input type="button" value="Back"/>			

Figure 1: History XML Page

The **Download Status** page displays requested History XML Downloads.

Select	Module	Status	Status Message	Scheduled Date/Time	Total Records Downloaded
<input type="checkbox"/>	History XML	Pending		02/28/2017 7:17 AM	
<input type="checkbox"/>	History XML	Completed	Started: 02/28/2017 6:57 AM - Ended: 02/28/2017 6:57 AM (0s)	02/28/2017 6:47 AM	6
<input type="checkbox"/>	History XML	Completed	Started: 02/28/2017 6:49 AM - Ended: 02/28/2017 6:49 AM (0s)	02/28/2017 6:47 AM	6
<input type="checkbox"/>	History XML	Completed	Started: 02/27/2017 10:43 AM - Ended: 02/27/2017 10:43 AM (0s)	02/27/2017 10:43 AM	8
<input type="checkbox"/> Select All					
<input type="button" value="Refresh"/> <input type="button" value="Stop Current Task"/> <input type="button" value="Delete"/> <input type="button" value="Back"/>					

Figure 2: Download Status Page

Truncated History XML

Truncating the data in the History XML minimizes the negative performance impact when viewing a Transaction history that contains a large amount of data.

The Truncated History XML page is accessed from a new **Show Most Recent x Changes in History XML** link on the **Add/Update XSL View** page. The number of changes displayed can vary, depending on the Truncated History XML settings for your site.

Note: By default, the History XML is not truncated. If truncation is required, submit a service request on [My Oracle Support](#) to request changes to the Truncated History XML settings for your site.

Add/Update XSL View

XSL Information

*Name:

*Variable Name:

Description:

Associated to Print Action "Print RTE (PDF)"; This XSL view contains all the RTE usecases and the proposal will be printed in PDF format.

Output Type:

Is PDF Read-Only:

Output Name: Simple Advanced

File Name: "Document"

Edit Mode: Editor Upload XSL

Select Document:

Transaction ID:

[Preview Document](#)
[Preview History](#)
[Preview Complex Conditional Templates](#)
[Show Document XML](#)

[Show Most Recent 3 Changes in History XML](#)

[Download Complete History XML](#)

Figure 3: Show Recent Most Changes in History XML Link

The following image highlights XML attributes relevant to history truncation. "In the example, three actions were omitted from the history and five attributes were omitted from the "open_quote" action history.

- Parent change_history
 - total_changes – displays the number of actions invoked on the Transaction.
 - changes_truncated – displays number of actions invoked that are omitted from the current history view.
- Child change_item – displays information for a specific action.
 - changes_truncated - displays number of attribute changes that are omitted for the specified action.

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```

<change_history date_format="[M01]/[D01]/[Y0001] [h01]:[m01] P" total_changes="6" changes_truncated="3">
  <change_item action_var_name="_reconfigure_action" action_name="Reconfigure" change_date="2017-02-27 15:27:49"
    user_login="matt" user_first_name="Matt" user_last_name="" user_company="slc08ynn" step_var_name="savedTransaction"
    changes_truncated="0"/>
  <change_item action_var_name="_reconfigure_inbound_action" action_name="Reconfigure Inbound" change_date="2017-02-27 15:27:49"
    user_login="matt" user_first_name="Matt" user_last_name="" user_company="slc08ynn" step_var_name="savedTransaction"
    changes_truncated="0">
    <_config_attr_info document_number="2" old_value="sSPL1=S100008" new_value="sSPL1=S100009"/>
  </change_item>
  <change_item action_var_name="_open_quote" action_name="Open Quote" change_date="2017-02-27 18:25:45" user_login="superuser"
    user_first_name="Super" user_last_name="User" user_company="slc08ynn" step_var_name="savedTransaction" changes_truncated="5">
    <openQuoteDefineFunctionTextField document_number="1" old_value="" new_value="!@#$/>
    <openQuoteDefineFunctionCurrency document_number="1" old_value="0" new_value="1.2356"/>
    <openQuoteDefineFunctionMSM document_number="1" old_value="" new_value="value2~value3"/>
    <openQuoteUseSpecifiedValueTextField document_number="1" old_value="" new_value="!@#$/>
  </change_item>
</change_history>

```

Truncated Actions

Truncated Attributes

Figure 4: XML File

Browser Support

CPQ Cloud supports all browser versions that meet the criteria of the Oracle Software Web Browser Support Policy.

Supported Browsers

Windows

- Major releases of **Google Chrome** upon general browser availability and until Google no longer supports the version
- Major releases of **Mozilla Firefox** upon general browser availability and until Mozilla no longer supports the version
- Major releases of **Internet Explorer/Microsoft Edge** within nine months of general browser availability and until Microsoft no longer supports the version

Mac OS X

- Major releases of **Google Chrome** upon general browser availability and until Google no longer supports the browser version
- Major releases of **Mozilla Firefox** upon general browser availability and until Mozilla no longer supports the version
- Major releases of **Safari** within nine months of general browser availability and until Apple no longer supports the version

Android

- Major releases of **Google Chrome** upon general browser availability and until Google no longer supports the browser version

iOS

- Major releases of **Safari** within nine months of general browser availability and until Apple no longer supports the browser version

If you experience issues using a supported browser version, open a ticket on [My Oracle Support](#) to resolve the issue. If an issue does arise when using a supported browser, use a certified browser version until a fix is delivered. Certified browsers are selected based on current market share and are thoroughly tested to work with the current version's standard functionality.

Certified Browsers

Windows

- Google Chrome 54.x
- Mozilla Firefox 50.x
- Internet Explorer 11.x

iOS

- Operating System: iOS 10.x
- Browser: Safari 10.x
- Screen resolution: 2048 x 1536

Note: Compatibility issues with the supported browsers may exist when sites are created with additional JavaScript, alternate CSS, or other custom functionality. Customizations may require add-on work. Contact Customer Support to determine the availability of workarounds and minor fixes.

Training

To see all new functionality and known issues for the versions between your current version and the version to which you are upgrading, refer to the What's New document.

To familiarize yourself with the new features introduced in Oracle CPQ Cloud 2016 R2, Oracle strongly recommends referring to the Online Help documentation. For additional assistance, please see [My Oracle Support](#).

Verify any information not explicitly mentioned in the release notes as supported by the software against the Oracle CPQ Cloud 2016 R2 Product Help or with the Oracle CPQ Cloud Consulting team.

Disclaimer

This 2016 R2 Update 2 document is provided for high-level informational purposes only and is not intended to function as a specification or to replace the Product Help or User Guide. Upgrading to a subsequent release may require modifications to integration XML or APIs or the re-deployment of Commerce Processes, Configurations, or global function settings.

Migration

When migrating from one site to another using the Migration Center, both sites must be on the same major release. The migration of content can only occur across minor releases with the same major release. Migration across major releases cannot occur.

- "Major release" = A major product release, e.g. 2016 R2
- "Minor release" = A release update, e.g. 2016 R2 Update 2

Note: Bug ID numbers correspond to Oracle BugDB numbers.



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