Oracle® Communications Design Studio

Release Notes

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Oracle Communications Design Studio Release Notes, Release 7.4.2

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Preface

This document provides release notes for Oracle Communications Design Studio Platform and all Design Studio features. Each chapter describes, if applicable for this release, Design Studio new features, fixes, and known problems.

Oracle recommends that you install the latest version of Design Studio to ensure the highest level of compatibility across application releases and to take advantage of improvements that have been introduced for design time experience and application functionality.

Audience

This document is intended for designers, developers, testers, and administrators responsible for modeling and managing Oracle Communications products in Design Studio.

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.

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Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

1

Design Studio Platform

This chapter provides release notes for Oracle Communications Design Studio Platform.

- Known Problems

Known Problems

This section describes existing software and documentation problems and any workarounds recommended to avoid the problems or reduce effects:

- Discrepancies in the Technical Action Generation Design Pattern

Discrepancies in the Technical Action Generation Design Pattern

BugDB: 29917205

Problem: Technical Action Generation design pattern may not work in end to end scenario because of naming and action codes discrepancies.

Workaround: While using the Technical Action Generation Design Pattern to generate Technical Action definitions from existing CSDLs, the name of the Technical Action should be set with an appropriate name. In addition, remove the Specialized action codes that are not needed from the **Action Codes** tab and mappings configured for the elements in the technical action **Data Map** for the Specialized action codes.

2

Design Studio for ASAP

This chapter provides release notes for Oracle Communications Design Studio for ASAP.

- Known Problems

Known Problems

This section describes existing software problems and any workarounds recommended to avoid the problems or reduce effects:

- Activation Test Case Hangs and Fails for Design Studio in Systems with Multiple Interfaces or IP Addresses
- NEP Deploy Fails Intermittently

Activation Test Case Hangs and Fails for Design Studio in Systems with Multiple Interfaces or IP Addresses

BugDB: 21694483

Problem: The provisioning of Activation test cases hangs and fails (with or without VPN), if the system hosting Design Studio is configured with more than one Network Interface or IP address, or if the Hostname of the system maps to a network address that the WebLogic server cannot contact.

Workaround: Add the following to the **eclipse.ini** file: **"-Dweblogic.corba.client.bidir=true"**

NEP Deploy Fails Intermittently

BugDB: 22960169

Problem: Unable to establish a connection to Oracle WebLogic Server through the NEP map option (NEP deploy fails intermittently).

Workaround: Perform the following:

- Ensure that the base cartridge project (the source project which contains the NEs) is in an open state.
- Ensure that the **META-INF/activation-model.xml** file has been generated. Otherwise, perform a full clean and build to regenerate the **activation-model.xml** file.

  NEP deploy fails intermittently if the **activation-model.xml** file corresponding to the mapped NE has not been generated and saved to the **cartridgeBin/cartridgeBuild** location.

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Design Studio for Inventory

This chapter provides release notes for Oracle Communications Design Studio for Unified Inventory Management (UIM).

- New Features
- Fixes in This Release
- Known Problems

New Features

This section includes information about new features introduced in release 7.4.2.

- Support for Variable Length Expressions in Data Mask

Support for Variable Length Expressions in Data Mask

The characteristic element `<Charname>` for variable length mask is available now. However, the element can only have same display and edit mask values. In case of different display and mask values, you receive an error as **Invalid Masking Values**.

Fixes in This Release

Table 3-1 lists the UIM fixes for Design Studio Platform release 7.4.2 and provides a brief description of the resolution.

Table 3-1 Fixes in UIM for Design Studio Release 7.4.2

BugDB Number	Description
30844515	UIM allows **Double** or **Float** values in **Char** of type **Int**.

Known Problems

This section describes existing software and documentation problems and any workarounds recommended to avoid the problems or reduce effects:

- Sensitive Option on Details Tab Not Working

Sensitive Option on Details Tab Not Working

Bug DB: 31486882

Problem: If you select **Sensitive** on the **Details** tab in Design Studio to create password-like behavior for a characteristic, the corresponding field in UIM isn't protected as expected.

Workaround: Select **Sensitive** on the **Settings** tab instead of the **Details** tab. The **Settings** tab version of **Sensitive** works correctly. Note that *Modeling Basics* and Design Studio Help incorrectly label this as **Secret**.

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Design Studio for Network Integrity

This chapter provides release notes for Oracle Communications Design Studio for Network Integrity.

- Fixes in This Release

Fixes in This Release

Table 4-1 Fixes in Network Integrity for Design Studio Release 7.4.2

BugDB Number	Description
31743300	In Design Studio 7.4.2, the XMLBeans are upgraded to 3.1.0 for the Integrity plugin

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Design Studio for Order and Service Management

This chapter provides release notes for Oracle Communications Design Studio for Order and Service Management (OSM).

- Fixes in This Release
- Known Problems
- Design Studio Cartridge Migration

Fixes in This Release

Table 5-1 Fixes in OSM for Design Studio Release 7.4.2

BugDB Number	Description
29667769	The reverse mapping that is configured in the solution is not updated during runtime since Design Studio is not generating reverse mapping configuration details in build XMLs. This is fixed by considering reverse mapping details during building mapping rules.

Known Problems

This section describes existing software problems and any workarounds recommended to avoid the problems or reduce effects:

- Order Template Doesn't Inherit "Do Not Rollback" Setting
- OSM Solution Sometimes Fails to Build Due to SocketTimeOut Exception
- Composite Cartridge Behavior Details are Inconsistent in Task Level
- Composite Data View is Inconsistent Behavior on Task and Order Level
- Order Level Data Instance Behavior Configuration is Not Getting Refreshed in Task
- Behavior Defined for Node Should Not be Editable in Task Editor Composite Data

Order Template Doesn't Inherit "Do Not Rollback" Setting

BugDB: 22203278

Problem: When you set **Do not rollback during undo** in a component's order template, the main order template does not inherit the setting.

Workaround: Manually set the value for **Do not rollback during undo** in the order template.

OSM Solution Sometimes Fails to Build Due to SocketTimeOut Exception

BugDB: 22691246

Problem: OSM Solution Automation build fails periodically due to a SocketTimeOut exception.

Workaround: Increase the value of **Separate JRE timeout** setting to **40000**.

To increase the value of the **Separate JRE timeout** setting:

1. In Design Studio, select **Preferences** from the **Window** menu.
2. In the Preferences navigation tree, select **Ant**.
3. In the **Separate JRE timeout (ms)** field, enter **40000**.
4. Click **OK**.

Composite Cartridge Behavior Details are Inconsistent in Task Level

BugDB: 28518246

Problem: Behaviors that are inherited from the Composite Cartridge view are not accurately loaded at the Composite Data view window of a manual or an automated task. There is no functional loss because of this issue, but you cannot see accurate data in this behavior.

Workaround: You can go to the Composite Cartridge view to view the accurate behavior data.

Composite Data View is Inconsistent Behavior on Task and Order Level

BugDB: 28526024

Problem: The Behavior window is greyed out at Task level, but at Order level it is not greyed out. Even though the Behavior window is not greyed out at Order level, the system does not allow you to add any behaviors. Therefore, this does not affect any functionality.

Order Level Data Instance Behavior Configuration is Not Getting Refreshed in Task

BugDB: 28531244

Problem: Task level data behaviors are not getting refreshed.

Workaround: Close the tasks for which behaviors are not refreshed and then reopen them.

Behavior Defined for Node Should Not be Editable in Task Editor Composite Data

BugDB: 28712854

Problem: The Composite Data View tab allows you to modify a behavior that is added in task data editor. The Composite Data View tab only shows behavior details (without populating Node element details) which are added in task data editor.

In general, you can manipulate behavior data in the Task Data window at the Task level. But, because of this issue, you can also modify behaviors from the Composite Data view. There is no functional loss in modifying data at the Composite Data view level. Data is stored accurately even after modifying behaviors at the Composite Data view level.

Design Studio Cartridge Migration

If you upgrade to Order and Service Management 7.x from a prior version of OSM and your cartridges were developed with OSM Administrator tool, Oracle recommends that you migrate your cartridges into Oracle Communications Design Studio. Use Design Studio as the tool to design and deploy OSM 7.x cartridges. The recommended migration procedure, common migration issues, and issue resolutions are documented in *Design Studio Order and Service Management Cartridge Migration Guide* for release 7.3.2, which is available on Oracle Help Center:

http://docs.oracle.com/en/industries/communications/design-studio/index.html

> **Note:**
>
> If your cartridges do not require ongoing modification, you can export them from the current version (pre-7.x) and import them into OSM 7.x using the XML Import/ Export tool without using Design Studio. However, Oracle recommends that you migrate all cartridges to Design Studio, unless they do not need any modification or re-deployment.