Oracle® Communications Service Catalog and Design

Service Catalog and Design Software Compatibility

This document lists the software compatible with Oracle Communications Service Catalog and Design.

See the following sections for details:

- Service Catalog and Design - Solution Designer Software Compatibility
- Service Catalog and Design - Design Studio Software Compatibility
- Applications Software Version Compatibility

Service Catalog and Design - Solution Designer Software Compatibility

This section lists the software compatible with the Oracle Communications Service Catalog and Design - Solution Designer.

Table 1-1   Supported Software for Service Catalog and Design - Solution Designer Deployment Package 8.0.x (x>=0)

Software	Version	Notes
Apache log4j	2.19.0	This is a developer tool for headless Design Studio.
Eclipse	4.8.0 (Photon)	This is a developer tool for headless Design Studio.
Java	17.0.7 or later (For Solution Designer) 8 update 351 or later (For headless Design Studio)	NA
JDeveloper Studio Generic	12.2.1.4	This is a developer tool for headless Design Studio.
nginx	1.22.x or later	NA

Table 1-1   (Cont.) Supported Software for Service Catalog and Design - Solution Designer Deployment Package 8.0.x (x>=0)

Software	Version	Notes
Oracle Database (installed as Container Database)	19c	Enterprise Edition or Oracle OCI Database Service.
Oracle Enterprise Pack for Eclipse	12.2.1.9 or later	Based on Eclipse Photon 4.8.0
Oracle JavaScript Extension Toolkit (JET)	14.1.3 or later	NA
Oracle Linux	8.x (x>=7)	Container Operating System
OpenSearch	2.8.0	NA
Python	3.8	NA
Strimzi Kafka	3.2.3	NA
Web browsers	Google Chrome 114 or later Mozilla Firefox 114 or later	This is for Solution Designer.
XMLBeans	5.1.1	This is a developer tool for headless Design Studio.

Recommended Technology Stack

The following table lists the recommended versions of the software in the technology stack supported with Service Catalog and Design - Solution Designer deployments.

> **Note:**
>
> Oracle recommends that if you use any of the components listed in this table, then use the corresponding compatible versions of other components listed in this table.

Table 1-2   Recommended Versions of Technology Stack for Solution Designer Deployment Package of Service Catalog and Design 8.0.x (x>=0)

Software	Version	Notes
Docker	19.03.x or later	NA
Helm	3.7.0 or later	NA
Kubernetes	1.26.x	See "Container Platforms for Solution Designer " for further details.
Podman	4.4.x or later	NA

Container Platforms for Solution Designer

Oracle Communications Service Catalog and Design - Solution Designer is designed to be agnostic of the underlying cloud infrastructure. It relies on standard APIs, objects and configuration functions from the software products listed in this document. As such, Service Catalog and Design is certified on any container platform based on a CNCF-certified Kubernetes, provided the version requirements listed in this document are satisfied.

Solution Designer has been tested on a standard "upstream" (kubernetes.io) deployment of Kubernetes on Linux VM and bare metal (private lab and IaaS). Solution Designer has also been tested on Oracle OCI OKE platform with Oracle Multitenant Database via co-located Oracle Database Service (VM). Solution Designer includes specific support for OCI and OKE.

Other Kubernetes distributions and container platforms may impose their own operational, security and configuration requirements. These would have to be addressed as part of the uptake of Solution Designer, with support from the third party provider.

An important requirement is the presence of an Oracle Multitenant Container Database in close network proximity to the platform, in an environment and configuration that is officially supported by Oracle.

Service Catalog and Design - Design Studio Software Compatibility

This section lists the software compatible with the Oracle Communications Service Catalog and Design - Design Studio to install and use Design Studio component.

Table 1-3   Supported Software for Service Catalog and Design - Design Studio Package 8.0.x (x>=0)

Software	Version	Notes
Eclipse Business Intelligence, Reporting, and Charting feature	4.8.0 (Eclipse Photon)	NA
Eclipse Graphical Editing Framework Zest Visualization Toolkit feature	4.8.0 (Eclipse Photon)	NA
Java SE JDK	8	Use the latest service pack
Operating System	Windows 11 (64-bit) Windows 10 (64-bit)	NA
Oracle Enterprise Pack for Eclipse	12.2.1.9 or later	Based on Eclipse Photon 4.8.0

Applications Software Version Compatibility

This section lists the Oracle Communications Applications software compatible with Oracle Communications Service Catalog and Design that includes Solution Designer and Design Studio components. The newer versions of Service catalog and Design - Design Studio remain backward compatible with older supported versions of the application software.

Table 1-4   Supported applications software for Service Catalog and Design

Service Catalog and Design Version	ASAP	Network Integrity	Order and Service Management	Unified Inventory Management	Notes
8.0.0.x (x>0)	ASAP 7.4.0.x (x>=0)	NI 7.3.6	OSM 7.5.0.x (x>=0) OSM 7.4.1 OSM 7.4.0 OSM 7.3.5 OSM 7.3.1 OSM 7.3.0	UIM 7.5.1 UIM 7.5.0 UIM 7.4.2 UIM 7.4.0 For Solution Designer: UIM 7.5.1.x (x>=0)	NA

Table 1-5 lists the explicit versions of Service Catalog and Design - Design Studio (refer to the row headers) that are required for specific application release versions (refer to the columns). For example, if you are using Order and Service Management (OSM) 7.4.0, you must use Design Studio 7.4.1.0 or higher.

This section does not list all versions of Design Studio that are compatible with all the application release versions. If the application release you are using is not listed in the matrix, refer to the Design Studio version for the previous application release. For example, if you are using OSM 7.4.1, you can use the versions of Design Studio that are listed for OSM 7.4.0. Oracle recommends that you use the latest version of Design Studio that supports the application release you are using.

Table 1-5   Supported applications software for Service Catalog and Design - Design Studio

Design Studio Version	ASAP	Network Integrity	Order and Service Management	Unified Inventory Management	Notes
7.4.2.7	ASAP 7.4.0.x (x>=0) ASAP 7.3.0.3 ASAP 7.3.0.2 ASAP 7.3.0	NI 7.3.6 NI 7.3.5 NI 7.3.2 NI 7.3.0	OSM 7.4.1 OSM 7.4.0 OSM 7.3.5 OSM 7.3.1 OSM 7.3.0	UIM 7.5.1 UIM 7.5.0 UIM 7.4.2 UIM 7.4.1 UIM 7.4.0 UIM 7.3.5 UIM 7.3.4 UIM 7.3.1 UIM 7.3.0	NA

Table 1-5   (Cont.) Supported applications software for Service Catalog and Design - Design Studio

Design Studio Version	ASAP	Network Integrity	Order and Service Management	Unified Inventory Management	Notes
7.4.2.5	ASAP 7.4.0.x (x>=0) ASAP 7.3.0.3 ASAP 7.3.0.2 ASAP 7.3.0	NI 7.3.6 NI 7.3.5 NI 7.3.2 NI 7.3.0	OSM 7.4.1 OSM 7.4.0 OSM 7.3.5 OSM 7.3.1 OSM 7.3.0	UIM 7.5.0 UIM 7.4.2 UIM 7.4.1 UIM 7.4.0 UIM 7.3.5 UIM 7.3.4 UIM 7.3.1 UIM 7.3.0	NA
7.4.2.4	ASAP 7.3.0.3 ASAP 7.3.0.2 ASAP 7.3.0	NI 7.3.6 NI 7.3.5 NI 7.3.2 NI 7.3.0	OSM 7.4.1 OSM 7.4.0 OSM 7.3.5 OSM 7.3.1 OSM 7.3.0	UIM 7.5.0 UIM 7.4.2 UIM 7.4.1 UIM 7.4.0 UIM 7.3.5 UIM 7.3.4 UIM 7.3.1 UIM 7.3.0	NA
7.4.2.3	ASAP 7.3.0.3 ASAP 7.3.0.2 ASAP 7.3.0	NI 7.3.6 NI 7.3.5 NI 7.3.2 NI 7.3.0	OSM 7.4.1 OSM 7.4.0 OSM 7.3.5 OSM 7.3.1 OSM 7.3.0	UIM 7.4.2 UIM 7.4.1 UIM 7.4.0 UIM 7.3.5 UIM 7.3.4 UIM 7.3.1 UIM 7.3.0	NA
7.4.2.0	ASAP 7.3.0.3 ASAP 7.3.0.2 ASAP 7.3.0	NI 7.3.6 NI 7.3.5 NI 7.3.2 NI 7.3.0	OSM 7.4.1 OSM 7.4.0 OSM 7.3.5 OSM 7.3.1 OSM 7.3.0	UIM 7.4.1 UIM 7.4.0 UIM 7.3.5 UIM 7.3.4 UIM 7.3.1 UIM 7.3.0	NA
7.4.1.0	ASAP 7.3.0.3 ASAP 7.3.0.2 ASAP 7.3.0	NI 7.3.6 NI 7.3.5 NI 7.3.2 NI 7.3.0	OSM 7.4.1 OSM 7.4.0 OSM 7.3.5 OSM 7.3.1 OSM 7.3.0	UIM 7.4.1 UIM 7.4.0 UIM 7.3.5 UIM 7.3.4 UIM 7.3.1 UIM 7.3.0	NA

Table 1-5   (Cont.) Supported applications software for Service Catalog and Design - Design Studio

Design Studio Version	ASAP	Network Integrity	Order and Service Management	Unified Inventory Management	Notes
7.4.0.0	ASAP 7.3.0.3 ASAP 7.3.0.2 ASAP 7.3.0	NI 7.3.6 NI 7.3.5 NI 7.3.2 NI 7.3.0	OSM 7.3.5 OSM 7.3.1 OSM 7.3.0	UIM 7.4.0 UIM 7.3.5 UIM 7.3.4 UIM 7.3.1 UIM 7.3.0	NA
7.3.5.3	ASAP 7.3.0.3 ASAP 7.3.0.2 ASAP 7.3.0	NI 7.3.5 NI 7.3.2 NI 7.3.0	OSM 7.3.5 OSM 7.3.1 OSM 7.3.0	UIM 7.3.5 UIM 7.3.4 UIM 7.3.1 UIM 7.3.0	NA
7.3.5.1	ASAP 7.3.0.3 ASAP 7.3.0.2 ASAP 7.3.0	NI 7.3.5 NI 7.3.2 NI 7.3.0	OSM 7.3.5 OSM 7.3.1 OSM 7.3.0	UIM 7.3.5 UIM 7.3.4 UIM 7.3.1 UIM 7.3.0	NA
7.3.5.0	ASAP 7.3.0.3 ASAP 7.3.0.2 ASAP 7.3.0	NI 7.3.5 NI 7.3.2 NI 7.3.0	OSM 7.3.1 OSM 7.3.0	UIM 7.3.5 UIM 7.3.4 UIM 7.3.1 UIM 7.3.0	NA
7.3.4.1	ASAP 7.3.0.3 ASAP 7.3.0.2 ASAP 7.3.0	NI 7.3.2 NI 7.3.0	OSM 7.3.1 OSM 7.3.0	UIM 7.3.4 UIM 7.3.1 UIM 7.3.0	NA
7.3.4.0	ASAP 7.3.0.3 ASAP 7.3.0.2 ASAP 7.3.0	NI 7.3.2 NI 7.3.0	OSM 7.3.1 OSM 7.3.0	UIM 7.3.1 UIM 7.3.0	NA
7.3.2.0	ASAP 7.3.0.3 ASAP 7.3.0.2 ASAP 7.3.0	NI 7.3.2 NI 7.3.0	OSM 7.3.1 OSM 7.3.0	UIM 7.3.1 UIM 7.3.0	NA
7.3.1.0	ASAP 7.3.0.3 ASAP 7.3.0.2 ASAP 7.3.0	NI 7.3.2 NI 7.3.0	OSM 7.3.0	UIM 7.3.1 UIM 7.3.0	NA
7.3.0.0	ASAP 7.3.0.3 ASAP 7.3.0.2 ASAP 7.3.0	NI 7.3.0	OSM 7.3.0	UIM 7.3.0	NA

About Critical Patch Updates

Service Catalog and Design is supported on all Oracle Critical Patch Updates. You should install the latest Critical Patch Updates and overlay patches as soon as

possible. To download Critical Patch Updates, find out about security alerts, and enable email notifications about Critical Patch Updates, see the Critical Patch Updates, Security Alerts and Bulletins page:

https://www.oracle.com/security-alerts/

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