

## 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 Oracle Communications Service Catalog and Design - Solution Designer.

**Table 1-1 Supported Software for Solution Designer Deployment Package 8.1.x (x>=0)**

Software	Version	Notes
Apache log4j	2.23.1	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 (For Solution Designer) 8 (For headless Design Studio)	Use the latest service pack.
JDeveloper Studio Generic	12.2.1.4	This is a developer tool for headless Design Studio.
nginx	1.22.x or later	NA
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

**Table 1-1 (Cont.) Supported Software for Solution Designer Deployment Package 8.1.x (x>=0)**

Software	Version	Notes
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	3.5.1	NA
Web browsers	Google Chrome 114 or later Mozilla Firefox 114 or later	This is for Solution Designer.
XMLBeans	5.2.0	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 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 8.1.x (x>=0)**

Software	Version	Notes
Docker	19.03.x or later	NA
Helm	3.7.0 or later	NA
Kubernetes	1.28.x	See " <a href="#">Container Platforms for Solution Designer</a> " 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 Design Studio to install and use Design Studio component.

**Table 1-3 Supported Software for Design Studio Package 8.1.x (x>=0)**

Software	Version	Notes
<b>Eclipse Business Intelligence, Reporting, and Charting feature</b>	4.8.0 (Eclipse Photon)	NA
<b>Eclipse Graphical Editing Framework Zest Visualization Toolkit feature</b>	4.8.0 (Eclipse Photon)	NA
<b>Java SE JDK</b>	8	Use the latest service pack
<b>Operating System</b>	Windows 11 (64-bit) Windows 10 (64-bit)	NA
<b>Oracle Enterprise Pack for Eclipse</b>	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 remain backward compatible with older supported versions of the application software. Oracle recommends that you use the latest version of Service Catalog and Design that supports the application release you are using. See the *Compatibility Matrix* for your specific application release to validate the minimum Service Catalog and Design version required.

[Table 1-4](#) lists the minimum version of specific application release versions required for Solution Designer.

**Table 1-4 Supported applications software for Solution Designer**

Service Catalog and Design - Solution Designer Version	Application Software	Notes
8.1.0.x (x>=0)	Unified Inventory Management 7.6.0.x (x>=0)	NA

Table 1-5 lists the recommended version of specific application release versions required for Design Studio.

**Table 1-5 Recommended applications software for Design Studio**

Service Catalog and Design- Design Studio Version	Applications Software	Notes
8.1.0.x (x>=0)	ASAP 7.4.0 and later Network Integrity 7.4.0 and later Order and Service Management 7.4.0 and later Unified Inventory Management 7.6.0 and later	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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## Oracle Communications Service Catalog and Design Compatibility Matrix, Release 8.1

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