

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 8.3.x (x>=0)

Software	Version	Notes
Apache log4j	2.25.1	This is a developer tool for headless Design Studio.
Eclipse	4.33 (2024-09)	This is a developer tool for headless Design Studio.
Java	21.0.x (x>=4)	Use the latest service pack.
JDeveloper Studio Generic	14.1.2.0.0	This is a developer tool for headless Design Studio.
Oracle Database (installed as Container Database)	19c 23ai	Enterprise Edition or Oracle OCI Database Service.

Table 1-1 (Cont.) Supported Software for Solution Designer Deployment Package 8.3.x (x>=0)

Software	Version	Notes
Oracle Linux	9.x (x>=6)	Container Operating System Note: Oracle Applications are developed and tested on Oracle Linux, which is optimized for performance, stability and security.
OpenSearch	2.x (x>=17)	None.
Strimzi Kafka	3.6.1	None.
Web browsers	Google Chrome 139 or later Mozilla Firefox 142 or later Safari 18.6 or later	This is for Solution Designer.

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 8.3.x (x>=0)

Software	Version	Notes
Helm	3.15.3 or later	None.
Kubernetes	1.31.1 or later	See " Container Platforms for Solution Designer " for further details.
Podman	4.9.4 or later	None.

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 8.3.x (x>=0)

Software	Version	Notes
Eclipse	4.33 (2024-09)	This is a developer tool for Design Studio.
Eclipse Business Intelligence, Reporting, and Charting feature	4.17.0	None.
Eclipse Graphical Editing Framework Classic	3.21.0	None.
Java SE JDK	21.0.x (x>=4)	Use the latest service pack
Operating System	Windows 11 (64-bit) Windows 10 (64-bit)	None.
XSD - XML Schema Definition SDK feature	4.33 (2024-09)	None.

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 Version	Notes
8.3	Order and Service Management 8.0 and later Unified Inventory Management 8.0 and later	None.

[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 Version	Notes
8.3	Network Integrity 8.0 and later Order and Service Management 8.0 and later Unified Inventory Management 8.0 and later Unified Operations 7.4.3.1 and later	None.

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:

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Oracle Communications Service Catalog and Design Compatibility Matrix, Release 8.3

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