

ASAP Software Compatibility

This document lists the software compatible with Oracle Communications Automated Service Activation Platform (ASAP).

See the following sections for details:

- [ASAP Common Software Compatibility](#)
- [ASAP Cloud Native Deployment Software Compatibility](#)
- [ASAP Traditional Deployment Software Compatibility](#)

ASAP Common Software Compatibility

This section describes the software required to support the ASAP cloud native and traditional deployment.

 **Note:**

For all operating systems, check the Oracle Database documentation for any additional operating system patches required to support the database.

Table 1-1 Supported Common Software for Cloud Native and Traditional Deployment

Software	Version	Notes
Ant	1.10.15	Ant is required for direct ant-based integration with the various tools in the ASAP SDK including the Compliance tool for Cartridge Deployment using CMT.
Grafana	11.5.x (x>=1)	Optional. This is a monitoring tool.

Table 1-1 (Cont.) Supported Common Software for Cloud Native and Traditional Deployment

Software	Version	Notes
Java	8 update 441 or later 17.0.13 or later	Java 8 is required for WebLogic Server and JNEP. Java 17 is required for ASAP server components.
Oracle Database (installed as Container Database)	19c	Enterprise Edition or Oracle OCI Database Service: Enterprise Edition High Performance / Oracle Grid Infrastructure.
Oracle Database Client	19.26.0.0.0 (64-bit)	Not applicable.
Oracle Database Release Updates (RU), revisions and patches	19.26.0.0.0	Oracle recommends the latest available Critical Patch Updates(CPU) to avoid security issues.
Oracle Fusion Middleware	Oracle WebLogic Server 12.2.1.4	Not applicable.
Oracle Fusion Middleware Patches	January 2025 CPU or later	See " About Critical Patch Updates " for more information on CPU.
Oracle Linux	8.x (x >= 9)	Oracle recommends the latest available update. Oracle products certified on Oracle Linux are also supported on Red Hat Enterprise Linux due to implicit compatibility between both distributions. Oracle does not run any additional testing on Red Hat Enterprise Linux products. Note: Oracle Applications are developed and tested on Oracle Linux, which is optimized for performance, stability and security.
Oracle Communications Service Catalog and Design - Design Studio	8.1 or later	See <i>Service Catalog and Design Compatibility Matrix</i> for details.
Prometheus	3.1.x (x>=0)	Optional. This is a monitoring tool.
Web Browsers	Google Chrome 133 or later Mozilla Firefox 128.7.0esr or later Microsoft Edge 132 or later	Not applicable.

ASAP Cloud Native Deployment Software Compatibility

This section lists the software compatible with the Oracle Communications ASAP cloud native deployment package.

Note:

The software listed here are required for ASAP cloud native, in addition to the software listed in [ASAP Common Software Compatibility](#).

Recommended Cloud Native Technology Stack

The following table lists the recommended versions of the software supported with ASAP cloud native deployments.

Note:

Oracle recommends that if you use any of the components listed in this table, then use only the versions of other components listed in this table.

Table 1-2 Recommended Versions of software supported for ASAP Cloud Native Deployment Package 7.4.1

Software	Versions	Notes
Kubernetes	1.31.x (x>=5)	See " Container Platforms for ASAP Cloud Native " for further details.
Cluster Networking Interface (CNI)	Flannel 0.14.0 or later	Not applicable
Helm	3.16.x (x>=4)	Not applicable
Podman	4.9.4 or later	Not applicable
Traefik Ingress Controller	2.10.x (x>=6)	For details, see: https://artifacthub.io/packages/helm/traefik/traefik .

Container Platforms for ASAP Cloud Native

ASAP cloud native 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, ASAP cloud native is certified on any container platform based on a CNCF-certified Kubernetes, provided the version requirements listed in this document are satisfied.

ASAP cloud native has been tested on a standard "upstream" (kubernetes.io) deployment of Kubernetes on a Linux VM and bare metal (private lab and IaaS). ASAP cloud native has also been tested on the Oracle OCI OKE platform with Oracle Multitenant Database via co-located Oracle Database Service (Bare Metal, VM, and ExaData). ASAP cloud native 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 ASAP cloud native, 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.

ASAP Traditional Deployment Software Compatibility

This section describes the software required to support the ASAP components for traditional deployment.

Note:

The software listed here are required for ASAP traditional deployment, in addition to the software listed in [ASAP Common Software Compatibility](#).

Table 1-3 Supported Software for ASAP 7.4.1 Traditional Deployment

Software	Version	Notes
Cloud IaaS Support	Amazon Web Services Elastic Computing (EC2)	Certified on Oracle Database 19c (EC2)
OCA Java Web Start Thin Client Browser Support	Google Chrome 133 or later Mozilla Firefox 128.7.0esr or later Microsoft Edge 132 or later	Not applicable
WebLogic JDBC Drivers	ojdbc8.jar 19c	This driver is an optional WebLogic Server component. You must install this component before you install ASAP. During the installation of the WebLogic Server software, make sure you select WebLogic JDBC Drivers .

Design Studio Installation and Version Compatibility

For Oracle Communications Service Catalog and Design - Design Studio plug-in installation information, see *Design Studio Installation Guide*.

See *Service Catalog and Design Compatibility Matrix* for ASAP compatibility information.

About Critical Patch Updates

ASAP 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/>

Oracle Communications ASAP Compatibility Matrix, Release 7.4.1

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