Oracle® Communications ASAP

Compatibility Matrix

Release 7.4

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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.



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	1.10.12	Optional
		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	10.3.x (x>=3)	None.



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

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Version	Notes
Cloud Native: 1.8.x with the latest Critical Patch Update Traditional: For HP-UX: 64-bit HP JDK 1.8.0.08+ For Linux or Solaris: 64-bit Oracle JDK 1.8.x	This Java is used by the WebLogic Server only. For HP-UX, the generic WebLogic Server available with the ASAP software from the Oracle software delivery website can run in 32-bit or 64-bit mode, depending on the JDK version you use.
64-bit Oracle JDK For Microsoft Windows: 1.8.x with the latest Critical Patch Update	Download this JDK for the OCA thick client only. The OCA Java thin client automatically installs the appropriate JDK when you run the client using Internet Explorer or Firefox.
7.4.2.4.2 or later	See Service Catalog and Design Compatibility Matrix for details.
19 <i>c</i>	Enterprise Edition or Oracle OCI Database Service: Enterprise Edition High Performance / Oracle Grid Infrastructure.
Linux 19c (32-bit)	None.
Oracle WebLogic Server 14.1.1 Oracle WebLogic Server 12.2.1.4 Note: Oracle recommends using Oracle WebLogic Server 12.2.1.4 as it is designated as a Long Term Support (LTS)	None.
	1.8.x with the latest Critical Patch Update Traditional: For HP-UX: 64-bit HP JDK 1.8.0.08+ For Linux or Solaris: 64-bit Oracle JDK 1.8.x 64-bit Oracle JDK For Microsoft Windows: 1.8.x with the latest Critical Patch Update 7.4.2.4.2 or later 19c Linux 19c (32-bit) Oracle WebLogic Server 14.1.1 Oracle WebLogic Server 12.2.1.4 Note: Oracle recommends using Oracle WebLogic Server 12.2.1.4 as it is designated as



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

Software	Version	Notes
Oracle Linux	8.x (x>= 4)	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 Multitenant Container Database Patches	July 2021 CPU or later	Oracle recommends the latest available Critical Patch Updates (CPU) to avoid security issues.
Prometheus	2.49.x (x>=1)	Optional. This is a monitoring tool.
Web Browsers	Cloud Native: Google Chrome 93 or later Mozilla Firefox ESR 78.14 or later Microsoft Edge Chromium 93 or later Traditional: Google Chrome 97 or later Mozilla Firefox ESR 91 or later Microsoft Edge 96 or later	The web browser versions in traditional are for OCA Java Web Start Thin Client Support.

ASAP Cloud Native Deployment Software Compatibility

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



The software listed here is required for ASAP cloud native, in addition to the software listed in ASAP Common Software Compatibility.

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



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 7.4.0

Software	Version	Notes
Kubernetes	1.x (x>=28)	See "Container Platforms for ASAP Cloud Native" for further details.
Cluster Networking Interface (CNI)	Flannel 0.14.0 or later	None.
Helm	3.11.x (x>=2)	None.
Podman	4.4.0 or later	None.
Traefik Ingress Controller	2.10.x (x>=6)	For details, see: https:// artifacthub.io/packages/helm/ traefik/traefik.

The following table lists the earlier and still supported versions of software in the Kubernetes technology stack for ASAP cloud native deployments.

Note:

Oracle highly recommends uptaking the stack versions listed in Table 1-2

Table 1-3 Earlier and Supported Versions of Kubernetes Technology Stack for ASAP Cloud Native Deployment Package 7.4.0.x ($x \ge 0$)

Software	Version	Notes
Kubernetes	1.25.x (x>=4)	See "Container Platforms for ASAP Cloud Native" for further details.
	1.24.x (x>=1)	
	1.17.x (x>=13)	
Docker	20.10.x (x>=17)	None.
	19.03.x (x>= 1)	
Grafana	9.4.1	None.
	8.4.2	
Helm	3.10.3	None.
	3.4.1	



Table 1-3 (Cont.) Earlier and Supported Versions of Kubernetes Technology Stack for ASAP Cloud Native Deployment Package 7.4.0.x (x >= 0)

Software	Version	Notes
Prometheus	2.42.0	None.
	2.18	
Traefik Ingress Controller	2.9.6	For details, see: https://
	2.4.9	artifacthub.io/packages/helm/ traefik/traefik.
	Chart version 10.1.x	

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 Linux VM and bare metal (private lab and laaS). 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.



The software listed here is required for ASAP traditional deployment, in addition to the software listed in ASAP Common Software Compatibility.



Table 1-4 Supported Software for ASAP 7.4 Traditional Deployment

Software	Version	Notes
Cloud laaS Support	Amazon Web Services Elastic Computing (EC2)	Certified on Oracle Database 19c (EC2)
HP-UX for Itanium	11iv3 (11.31) (64-bit)	None.
Oracle Analytics Server	6.4.0	Optional. This is reporting tool.
Solaris	11.4	Supported on Sparc platform only.
WebLogic JDBC Drivers	ojdbc8.jar 19 <i>c</i>	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 ${\tt F50510\text{-}07}$

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