

Network Charging and Control Software Compatibility

This document lists the software compatible with Oracle Communications Network Charging and Control.

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[Table 1-1](#) lists the software compatible with Oracle Communications Network Charging and Control.

Note

Solaris is no longer supported from Network Charging and Control 15.1 version.

Table 1-1 Network Charging and Control Software Compatibility

Software	Version	Notes
ACE	8.0.2	Not applicable
Boost	1.87.0	Not applicable
c-ares	1.34.4	Not applicable
Fluentd	1.19.0	Optional. This is required if you are using Fluentd for logging support.
Grafana	12.3.0	Optional. This is required if you are implementing a Prometheus and Grafana-based monitoring solution.
Helidon	4.2.4	Not applicable

Table 1-1 (Cont.) Network Charging and Control Software Compatibility

Software	Version	Notes
Httpd	2.4.62	Where to install: SMS nodes
ICU (ICU4C)	77.1	Not applicable
jackson-annotations	2.20.0	Not applicable
jackson-core	2.20.0	Not applicable
jackson-databind	2.20.0	Not applicable
jackson-module-jaxb-annotations	2.20.0	Not applicable
jakarta.xml.bind-api	4.0.4	Not applicable
jakarta.xml.ws-api	4.0.2	Not applicable
jersey-hk2	3.1.10	Not applicable
jersey-media-json-jackson	3.1.10	Not applicable
kafka-clients	4.0.0	Not applicable
log4J	2.25.1	Not applicable
OpenSSL (Linux)	1.1.1	Where to install: All nodes
Oracle Database Server: 19c Enterprise Edition	19.25	Where to install: SMS nodes
Oracle Database Server: 19c Standard Edition	19.25	Where to install: SLC and VWS nodes
Oracle 26ai Enterprise Edition for Engineered Systems	23.26ai	Where to install: Remote Database node
Oracle 26ai Client for Engineered Systems	23.26ai	Where to install: SMS, SLC, and VWS on Application nodes
Oracle Java Development Kit (JDK)	21.0.9	Where to install: All nodes
Oracle Java Runtime Environment (JRE)	21.0.9	Where to install: GUI clients host
Oracle Linux	OEL 8.10 (compile time) OEL 9.6 (runtime)	Where to install: All nodes When installing the nodes, ensure that all the nodes are installed on the same operating system. Note: Oracle Applications are developed and tested on Oracle Linux, which is optimized for performance, stability, and security. Solaris is no longer supported from Network Charging and Control 15.1.0.0.0 version.

Table 1-1 (Cont.) Network Charging and Control Software Compatibility

Software	Version	Notes
Prometheus	3.0.1	Optional. This is required if you are implementing a Prometheus and Grafana-based monitoring solution.
SCTP Libraries (Linux)	Not applicable	Where to install: SLC nodes
slf4j-api	2.0.16	Not applicable
sqlite3	3.51.0	Not applicable
TAO	8.0.2	Not applicable
xerces-c	3.3.0	Not applicable
Xinetd (Linux)	2.3.15.4	Where to install: All nodes

Note

In Oracle OCI VM with OEL 9.X, the following third parties need to be installed for xinetd (2.3.15.4 version) process to be available as xinetd is de-scoped in OEL 9.X image:

- libns12 (Is available in 9.X OEL image, need to explicitly install it)
- tcp_wrappers-libs-7.6-97.el9.x86_64.rpm (3rd party)
- tcp_wrappers-7.6-97.el9.x86_64.rpm (3rd party)
- xinetd-2.3.15.4-4.el9.x86_64.rpm (3rd party)
- xinetd-simple-services-2.3.15.4-4.el9.x86_64.rpm (3rd party)

Supported Upgrade Paths

[Table 1-2](#) lists the supported upgrade paths.

Table 1-2 Upgrade Paths

Product Version	15.1.0.0.0	15.2.0.0.0	Operating System
12.0.2.0.0 through 15.0.0.0.0	No	No	Solaris 11.4
12.0.2.0.0 through 15.0.0.0.0	Yes	Yes	OEL 8.X

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Oracle Communications Network Charging and Control Compatibility Matrix, Release 15.2

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