

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	7.1.4	Not applicable
Boost	1.87.0	Not applicable
c-ares	1.34.4	Not applicable
FluentD	1.16.3	Optional. This is required if you are using Fluentd for logging support.
Grafana	11.5.1	Optional. This is required if you are implementing Prometheus and Grafana based monitoring solution.
Helidon	4.1.6	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)	74.2	Not applicable
jackson-annotations	2.17.2	Not applicable
jackson-core	2.17.2	Not applicable
jackson-databind	2.17.2	Not applicable
jackson-module-jaxb-annotations	2.17.2	Not applicable
jakarta.xml.bind-api	4.0.2	Not applicable
jakarta.xml.ws-api	4.0.2	Not applicable
jersey-hk2	3.1.9	Not applicable
jersey-media-json-jackson	3.1.9	Not applicable
kafka-clients	3.8.0	Not applicable
log4J	2.23.1	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 Java Development Kit (JDK)	21.0.4	Where to install: All nodes
Oracle Java Runtime Environment (JRE)	21.0.4	Where to install: GUI clients host
Oracle Linux	OEL 8.9 (compile time) OEL 9.4 (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.
Prometheus	3.0.1	Optional. This is required if you are implementing Prometheus and Grafana based monitoring solution.
SCTP Libraries (Linux)	Not applicable	Where to install: SLC nodes

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

Software	Version	Notes
slf4j-api	2.0.12	Not applicable
sqlite3	3.45.2	Not applicable
TAO	7.1.4	Not applicable
xerces-c	3.2.5	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	15.0.1.0.0	15.1.0.0.0	Operating System
12.0.2.0.0 through 15.0.0.0.0	Yes	No	Solaris 11.4
12.0.2.0.0 through 15.0.0.0.0	Yes	Yes	OEL 8.X

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