Oracle® Communications Converged Charging System
Compatibility Matrix

Release 2.0

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Preface

This guide describes the compatibility considerations and software requirements you should review when installing Oracle Communications Converged Charging System (CCS) Network Bridge.

Audience

This document is intended for system administrators responsible for product installation and planning.

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Network Bridge Cloud Native Software Compatibility

To run, manage, and monitor your Oracle Communications Network Bridge cloud native software, ensure that you use the latest versions of all compatible software.

Topics in this document:

- Environments
- System Requirements
- Optional Software

> ⚠️ **Caution:**
>
> - System administrators are responsible for ensuring that all installed software dependencies are kept up to date wherever possible. Oracle supports versions of the software where the software vendor declares backward compatibility to the version certified with Network Bridge and where the upgrade is a minor version increment (that is, A.B.C to A.B.D).
>
>   It is crucial for system administrators to adopt this policy for software dependencies for which upgrades are generally related to security rather than focusing on functionality.
>
> - Oracle does not provide support for any prerequisite third-party software installation or configuration. The customer must handle any installation or configuration issues related to non-Oracle prerequisite software.

Environments

Table 1-1 lists the environments supported by Network Bridge cloud native deployments.

Table 1-1   Supported Environments

Software	Version	Notes
Oracle Linux	Oracle Linux 7.6 and higher 7.*x* updates (with critical patch updates) Oracle Linux 8.4 and higher 8.*x* updates (with critical patch updates) Oracle Linux 9.*x* and higher 9.*x* updates (with critical patch updates)	N/A

Table 1-1   (Cont.) Supported Environments

Software	Version	Notes
Oracle Linux Cloud Native Environment (OLCNE)	1.5	The cloud native deployment model was certified with the following, using the same version numbers as supported by the respective versions of OLCNE: • Kubernetes • Helm • Oracle Linux Server

System Requirements

Table 1-2 lists the required software for Network Bridge cloud native deployments.

Table 1-2   System Requirements

Software	Version	Notes
Kubernetes	1.23.*x*	N/A
Helm	3.*x*	N/A

Optional Software

Table 1-3 lists the optional software you can use with your Network Bridge cloud native deployment.

Table 1-3   Optional Software

Software	Version	Notes
Grafana	8.*x*	Used for charts, graphs, and alerts
Jaeger	1.25.0	Used for tracing
Metrics Server	0.6.*x*	To support Kubernetes Horizontal Pod Autoscaler
Prometheus Operator	0.59.*x*	Used for event monitoring and alerting
Service Mesh	N/A	To support Kubernetes Horizontal Pod Autoscaler