

Oracle® Communications

Operations Services Overlay Network Impact Report



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ORACLE®

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Acronyms

Table Acronyms

Acronym	Description
CNC Console	Cloud Native Configuration Console
CSAR	Cloud Service ARchive
GUI	Graphical User Interface
K8s	Shorthand alias for Kubernetes
LCM	Life Cycle Management
NF	Network Functions
CNE	Oracle Communications Cloud Native Core, Cloud Native Environment
OSO	Oracle Communications Operations Services Overlay
RBAC	Role Based-Access Control

What's New in this Guide

This section introduces the documentation updates for release 24.1.x.

Release 24.1.0- F94157-01, April 2024

The following updates are made in this release.

- Added compatibility matrix details in the [Compatibility Matrix](#) section.
- Added common services load lineup details in the [Common Services Load Lineup](#) section.
- Added orchestration details in the [Orchestration](#) section.
- Added new feature information in the [OSO Features](#) section.
- Added the upgrade and rollback paths in the [Supported Upgrade and Rollback Paths](#) section.

1

Introduction

The purpose of this document is to highlight the changes made in Oracle Communications Operations Services Overlay (OSO) from release 23.4.x to release 24.1.x. These changes may have an impact on the customer network operations and must be considered by the customer while planning the deployment.

1.1 Compatibility Matrix

This section lists the versions of added or updated components in release 24.1.x. To know the list of all the supported versions, see *Oracle Communications Cloud Native Core Release Notes*.

Release 24.1.0

The following table lists the versions of added or updated components in release 24.1.0.

Table 1-1 Compatibility Matrix

Component	Compatibility Version
Kubernetes	<ul style="list-style-type: none">1.28.x1.27.x1.26.x

1.2 Common Services Load Lineup

This section lists the versions of added or updated common services in release 24.1.x. To know the list of all the supported versions, see *Oracle Communications Cloud Native Core Release Notes*.

Release 24.1.0

The following table lists the versions of added or updated common services in release 24.1.0.

Table 1-2 Common Services Load Lineup

Common Services	Versions
AlertManager	0.26.0
Prometheus	2.50.1
configmapreload	0.12.0
common_pod	24_1_common_pod

1.3 Orchestration

This section provides information about orchestration changes in release 24.1.x.

Release 24.1.0

The following table provides information about orchestration changes in release 24.1.0.

Table 1-3 Orchestration changes

Orchestration Changes (From Release 23.4.0 to 24.1.0)	Status	Notes
Support for in-service upgrade	Yes	For information about upgrade, see Supported Upgrade and Rollback Paths .
Changes in the custom_values.yaml file	Yes	Renamed the ocoso_csar_24_1_0_0_0_custom_values.yaml file name.
Changes in the resource information for custom_values.yaml file	NA	Not applicable
Changes in the CSAR package	Yes	Helm list command will now reflect the current OSO version installed.
Changes in Role-Based Access Control (RBAC) policy	No	No RBAC policies are added.
Changes in Life Cycle Management (LCM) Operations	No	No changes are made in LCM Operations.
Helm Test Support	Yes	Helm Test is supported. For more information, see "Installing using CSAR" section in <i>Oracle Communications Operations Services Overlay Installation and Upgrade Guide</i> .

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OSO Features

This chapter lists the added or updated features in release 24.1.x. For more information about the features, see *Oracle Communications Operations Services Overlay User Guide*.

Release 24.1.0

Oracle Communications Operations Services Overlay 24.1.0 has been updated with the following enhancements:

Support for new versions:

- AlertManager version is uplifted from version from 0.26.1 to 0.26.0.
- Prometheus version is uplifted from version 2.44.0 to 2.50.1.
- configmap-reload is uplifted from version 0.8.0 to configmapreload 0.12.0.
- nginx controller is replaced with 24_1_common_pod.

For more information about the features, see *Oracle Communications Operations Services Overlay Installation and Upgrade Guide*.

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Supported Upgrade and Rollback Paths

This chapter lists the supported upgrade and rollback paths in release 24.1.x. For more information about upgrade and rollback procedures, see *Oracle Communications Operations Services Overlay Installation and Upgrade Guide*.

Supported Upgrade Paths

Release 24.1.0

The following table lists the supported upgrade paths in release 24.1.0.

Table 3-1 Supported Upgrade Paths

Source release	Target release
23.4.0	24.1.0
23.3.1	24.1.0

Supported Rollback Paths

Release 24.1.0

The following table lists the supported rollback paths in release 24.1.0.

Table 3-2 Supported Rollback Paths

Source release	Target release
24.1.0	23.4.0
24.1.0	23.3.1

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Configuration

This chapter lists the configuration changes in release 24.1.x.

4.1 Helm

This section lists the Helm parameter changes in release 24.1.x. For more information about the Helm parameters, see *Oracle Communications Operations Services Overlay Installation and Upgrade Guide*.

Release 24.1.0

There are no changes in the Helm parameters in this release.

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Observability

This chapter lists the observability changes in release 24.1.x.

5.1 Metrics

This section lists the added or updated metrics in release 24.1.x. For more information about metrics, see *Oracle Communications Operations Services Overlay User Guide*.

Release 24.1.0

There are no updates to metrics in this release.

5.2 Alerts

This section lists the added or updated alerts in release 24.1.x. For more information about alerts, see *Oracle Communications Operations Services Overlay User Guide*.

Release 24.1.0

There are no updates to alerts in this release.