

Oracle® Communications

Operations Services Overlay Network Impact Report



Release 24.3.1

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ORACLE®

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Acronyms

The following table lists the acronyms and the terminologies used in the document.

Table Acronyms

Acronym	Description
CNC Console	Cloud Native Configuration Console
CNE	Oracle Communications Cloud Native Core, Cloud Native Environment
CSAR	Cloud Service ARchive
GUI	Graphical User Interface
K8s	Shorthand alias for Kubernetes
LCM	Life Cycle Management
NF	Network Functions
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 24.3.x.

Release 24.3.1- G10886-04, March 2025

Updated the following sections:

- [OSO Features](#) - Removed the Time Series Database (TSDB) Snapshots feature as this feature is not supported in this release.
- [Helm](#) - Removed the parameters for Time Series Database (TSDB) Snapshots feature as this feature is not supported in this release.

Release 24.3.1- G10886-03, January 2025

Updated the following sections:

- [Compatibility Matrix](#)
- [Orchestration](#)
- [OSO Features](#)
- [Supported Upgrade and Rollback Paths](#)
- [Helm](#)

Release 24.3.0- G10886-02, January 2025

Updated the following sections:

- [Compatibility Matrix](#)
- [Orchestration](#)

Release 24.3.0- G10886-01, October 2024

Updated the following sections:

- [Compatibility Matrix](#)
- [Common Services Load Lineup](#)
- [Orchestration](#)
- [OSO Features](#)
- [Supported Upgrade and Rollback Paths](#)
- [Helm](#)

1

Introduction

The purpose of this document is to highlight the changes made in Oracle Communications Operations Services Overlay (OSO) from release 24.2.x to release 24.3.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 24.3.x. To know the list of all the supported versions, see *Oracle Communications Cloud Native Core Release Notes*.

Release 24.3.1

There is no change in the compatibility matrix in this release.

Release 24.3.0

The following table lists the versions of added or updated components in release 24.3.0:

Table 1-1 Compatibility Matrix

Component	Compatible Versions
Kubernetes	<ul style="list-style-type: none">• 1.30.x• 1.29.x• 1.28.x

1.2 Common Services Load Lineup

This section lists the versions of added or updated common services in release 24.3.x. To know the list of all the supported versions, see *Oracle Communications Cloud Native Core Release Notes*.

Release 24.3.1

The following table lists the versions of added or updated common services in release 24.3.1:

Table 1-2 Common Services Load Lineup

Common Services	Versions
common_pod	24_3_common_oso

Release 24.3.0

The following table lists the versions of added or updated common services in release 24.3.0:

Table 1-3 Common Services Load Lineup

Common Services	Versions
common_pod	24_3_common_pod

1.3 Orchestration

This section provides information about orchestration changes in release 24.3.x.

Release 24.3.1

The following table provides information about orchestration changes in this release:

Table 1-4 Orchestration changes

Orchestration Changes	Status	Notes
Support for in-service upgrade	No	For information about upgrade, see Supported Upgrade and Rollback Paths .
Changes in the custom_values.yaml file	Yes	Renamed the ocoso_csar_24_3_1_0_0_custom_values.yaml filename.
Changes in the resource information for custom_values.yaml file	NA	Not applicable
Changes in the CSAR package	No	No changes are made in CSAR package.
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> .

Release 24.3.0

The following table provides information about orchestration changes in this release:

Table 1-5 Orchestration changes

Orchestration Changes	Status	Notes
Support for in-service upgrade	No	For information about upgrade, see Supported Upgrade and Rollback Paths .

Table 1-5 (Cont.) Orchestration changes

Orchestration Changes	Status	Notes
Changes in the custom_values.yaml file	Yes	<p>The existing ocoso_csar_24_3_0_0_0_custom_values.yaml file is split into two different files:</p> <ul style="list-style-type: none"> • ocoso_csar_24_3_0_0_0_al m_custom_values.yaml is used for configuring the Prometheus parameters. • ocoso_csar_24_3_0_0_0_pr om_custom_values.yaml is used for configuring the Alertmanager parameters.
Changes in the resource information for custom_values.yaml file	NA	Not applicable
Changes in the CSAR package	No	No changes are made in CSAR package.
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> .

2

OSO Features

This chapter lists the added or updated features in release 24.3.x. For more information about the features, see *Oracle Communications Operations Services Overlay User Guide*.

Release 24.3.1

Oracle Communications Operations Services Overlay 24.3.1 includes the following enhancements:

Support for new versions: 24_3_common_pod is replaced with 24_3_common_oso. For more information, see *Oracle Communications Operations Services Overlay Installation and Upgrade Guide*.

Release 24.3.0

Oracle Communications Operations Services Overlay 24.3.0 includes the following enhancements:

Support for new versions: 24_2_common_pod is replaced with 24_3_common_pod.

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

3

Supported Upgrade and Rollback Paths

This chapter lists the supported upgrade and rollback paths in release 24.3.x. For more information about upgrade and rollback procedures, see *Oracle Communications Operations Services Overlay Installation and Upgrade Guide*.

Release 24.3.1

Supported Upgrade Paths

This is an installation only release.

Supported Rollback Paths

OSO does not support rollback from 24.3.x to previous releases.

Release 24.3.0

Supported Upgrade Paths

This is an installation only release.

Supported Rollback Paths

OSO does not support rollback from 24.3.0 to previous releases.

4

Configuration

This chapter lists the configuration changes in release 24.3.x.

4.1 Helm

This section lists the Helm parameter changes in release 24.3.x. For more information about the Helm parameters, see *Oracle Communications Operations Services Overlay Installation and Upgrade Guide*.

Release 24.3.1

There are no updates to Helm parameters in this release.

Release 24.3.0

The following are the Helm parameters changes in this release:

- `ocoso_csar_24_3_0_0_0_prom_custom_values.yaml` is used for configuring the following Prometheus parameters:
 - `OSO-RELEASE-NAME`
 - `USEASM`
 - `NAMESPACE`
 - `CLUSTER-NAME`
 - `USE-DEFAULT-SVCACCOUNT-PROM`
 - `serviceNamePromSvr`
 - `PROMETHEUS-REPO-ADDRESS`
 - `HELM-TEST-IMAGE-REPO-ADDRESS`
 - `CONFIGMAP-RELOAD-REPO-ADDRESS`
 - `server:`
 -
 - ## namespaces to monitor(instead of monitoring all - clusterwide).
 - ##Needed if you want to run without Cluster-admin privileges.
 - namespaces:
 - `NAMESPACE`
 - `BEARER_TOKEN`
 - `STORAGE_RETENTION_SIZE_PROM`
 - `PROM-PV-SIZE`
 - `PROM-STORAGE-CLASS`
 - `PROM-DATA-RETENTION-DAYS`
 - `USE-DEFAULT-SVCACCOUNT-PROM`

-
- `OSO_CORTEX_URL`
 - `OSO_REMOTE_WRITE_TIMEOUT`
 - `namespaces`
 - `PrefixSuffix`
 - `allResources:`
 `labels: {}`
 - `lbServices:`
 `labels: {}`
 `nonlbServices:`
 `labels: {}`
 `lbDeployments:`
 `labels: {}`
 `nonlbDeployments:`
 `labels: {}`
 `lbStatefulSets:`
 `labels: {}`
 `annotations: {}`
 - `alertmanagers:`
 - `kubernetes_sd_configs:`
 - `role: pod`
 - `# namespace to be configured`
 `namespaces:`
 `names: {}`
 - `relabel_configs:`
 - `source_labels: [__meta_kubernetes_namespace]`
 - `# namespace to be configured`
 `regex: {}`
 - `ocoso_csar_24_3_0_0_0_alm_custom_values.yaml` is used for configuring the following Alertmanager parameters:
 - `OSO-ALM-RELEASE-NAME-alm`
 - `ALERTMANAGER-REPO-ADDRESS`
 - `RETENTION-TIME-ALM`
 - `USE-DEFAULT-SVCACCOUNT-ALM`
 - `ENABLE_DUAL_STACK`
 - `ALM-STORAGE-CLASS`
 - `ALM-PV-SIZE`

5

Observability

This chapter lists the observability changes in release 24.3.x.

5.1 Metrics

This section lists the added or updated metrics in release 24.3.x. For more information about metrics, see *Oracle Communications Operations Services Overlay User Guide*.

Release 24.3.1

There are no updates to metrics in this release.

Release 24.3.0

There are no updates to metrics in this release.

5.2 Alerts

This section lists the added or updated alerts in release 24.3.x. For more information about alerts, see *Oracle Communications Operations Services Overlay User Guide*.

Release 24.3.1

There are no updates to alerts in this release.

Release 24.3.0

There are no updates to alerts in this release.