Oracle® Communications

Network Analytics Suite Release Notes

Release 24.1.0

F92250-03

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Oracle Communications Network Analytics Suite Release Notes, Release 24.1.0

F92250-03

Contents

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What's New in This Guide

Release 24.1.0 - F92250-03, April 2025

Removed the **IPv6 Support** feature from the OCNWDAF Feature Descriptions section as NWDAF does not support IPv6.

Release 24.1.0 - F92250-02, April 2024

The Resolved Bug List for OCNWDAF is updated, removed bugs identified and resolved in 24.1.0 release.

Release 24.1.0 - F92250-01, April 2024

OCNWDAF 24.1.0 Release

Updated the following sections with the details of OCNWDAF release 24.1.0:

- OCNWDAF Feature Descriptions
- Media Pack
- Compatibility Matrix
- Common Microservices Load Lineup
- Security Certification Declaration
- Resolved Bug List
- Known Bug List

OCNADD 24.1.0 Release

Updated the following sections with the details of OCNADD release 24.1.0:

- OCNADD Feature Descriptions
- Media Pack
- Compatibility Matrix
- Common Microservices Load Lineup
- Security Certification Declaration
- Resolved Bug List
- Known Bug List

1 Introduction

This document provides information about new features and enhancements to the existing features for Oracle Communications Network Analytics Suite products.

It also includes details related to media pack, common services, security certification declaration, and documentation pack. The detailed information of the fixes are included in the Resolved Bug List section. For issues that are not yet addressed, see the Customer Known Bug List.

For information on how to access key Oracle sites and services, see My Oracle Support.

2

Feature Descriptions

This chapter provides a summary of new features and updates to the existing features for Network Analytics Suite products released in 24.1.x.

OCNWDAF Feature Descriptions

Release 24.1.0

Oracle Communications Networks Data Analytics Function (OCNWDAF) 24.1.0 has been updated with the following enhancements:

- **Slice Load Monitoring Enhanced**: The Slice Load Monitoring screen in the GUI is enhanced with tabs to display different visualization styles of slice data. Now, three different tabs displaying the Active Slices, Line Charts, and the Tracking Areas present the slice load data. The Active Slices tab displays the Registered Slices, information about the Registered Slices, and a map view of the slices. The Line Chart tab displays the Slice Load data in Line Chart format and information about the Registered Slices. The Tracking Areas tab displays the tracking areas in the Registered Slices and a map view of the tracking areas. All tabs display information about the Slice Load Threshold Events. The newly introduced multilayer feature enhances user view by allowing the choice of the order in which the slices and areas are drawn in the map view. On changing the order of the listed slices and tracking areas, the map view gets updated accordingly. Viewing overlapping slices and tracking areas is more precise in the map view. For more information, see *Oracle Communications Networks Data Analytics Function User Guide*. The internal procedure used to calculate metrics is upgraded to derive accurate Slice Load metrics. Configure the Data Director as specified in the section "Configuring Data Director" in the *Oracle Communications Networks Data Analytics Function Installation and Fault Recovery Guide* to view the accurate Slice Load Metrics.
- **Capex Optimization**: The Capex Optimization feature aids in identifying network areas that require additional resources due to the high density of preferred subscribers and network activity. A new microservice has been introduced to interface between the Portal service and the Analytics DB service to create Capex groups and view Capex analytics information. Users can create Capex groups on the GUI and view detailed graphical representations of Capex metrics on the GUI. In this release, this feature is intended only for use case demonstration. For more information, see *Oracle Communications Networks Data Analytics Function User Guide*.
- **Upgraded Versions of Ingress and Egress Gateways, and NRF Client Service**: OCNWDAF now supports upgraded versions of Ingress and Egress gateways, and the NRF Client Service. This upgrade is a part of the architectural enhancement for OCNWDAF. For information on the latest versions supported, see *Oracle Communications Networks Data Analytics Function Installation and Fault Recovery Guide*.
- **Machine Learning (ML) Model Replication in Georedundant Deployments**: Georedundancy is used to mitigate network failures and ensure service continuity in a network. To implement georedundancy, information from one site is replicated across multiple sites to efficiently handle failure scenarios and ensure High Availability (HA). The OCNWDAF now supports ML Model replication along with data replication. The ML models created by the Model Executor service are replicated across all georedundant sites. For more information on ML Model Replication, see *Oracle Communications Networks Data*

Analytics Function User Guide. To configure this feature, see *Oracle Communications Networks Data Analytics Function Installation and Fault Recovery Guide*.

- **Performance Metrics for Deployment**: Scaling an OCNWDAF deployment and utilizing it to its maximum potential requires a detailed understanding of the resources needed for data collection, processing, storage, model training, subscriptions, and analytics information requests. Extensive Benchmark testing provided insights on storage and sizing recommendations, limitations, Database Benchmarking, and deployment suggestions to overcome the identified constraints. For more information, see *Oracle Communications Networks Data Analytics Function Benchmarking Guide*.

OCNADD Feature Descriptions

Release 24.1.0

Oracle Communications Network Analytics Data Director (OCNADD) 24.1.0 has been updated with the following enhancements:

- **OCNADD Support on Oracle Cloud Infrastructure (OCI)**: In addition to Cloud Native Environment (CNE), OCNADD can now be deployed, scaled, and optimized within the OCI environment too. For more information about support for OCI, see *Oracle Communications Network Analytics Data Director User Guide* and *Oracle Communications Network Analytics Data Director Installation, Upgrade, and Fault Recovery Guide*.
- **Two-Site Redundancy**: The Two-Site Redundancy feature enhances system reliability and availability by introducing service redundancy capabilities across OCNADD sites. In the event of OCNADD site failure or communication failure between NFs and OCNADD site, the feature ensures uninterrupted data processing by seamlessly transitioning services to the other OCNADD site as and when NFs can switch the traffic to the other OCNADD site. Centralized deployment is a prerequisite for this feature. For more information, see the "Two-Site Redundancy" section in the *Oracle Communications Network Analytics Data Director User Guide*.
- **Message Sequencing**: The Message Sequencing feature enhances transactional message delivery from OCNADD to third-party applications. This capability ensures the ordered and reliable transmission of messages, contributing to a more robust and dependable communication mechanism. For more information, see the "Message Sequencing" section in the *Oracle Communications Network Analytics Data Director User Guide*.
- **Synthetic Packet Generation (Enhancement):** The existing feature of "Synthetic Packet Generation" is enhanced to support the following:
  - TCP and HTTP2 Connection Message: This feature enables the addition of TCP and HTTP2 connection messages at the beginning of HTTP2 frames for each new connection.
  - Synthetic Packet Segmentation: The length of synthetic packet segmentation is configured through synthetic feed configuration. Based on the configured length, the synthetic packet will be segmented and transmitted to the third-party application.
  - HTTP2 Connection-based STREAM-ID: This feature enables the Data Director to generate a stream-id instead of using a correlation-id in place of synthetic encoded HTTP2 packets.

  For more information, see "Synthetic Packet Generation" in the *Oracle Communications Network Analytics Data Director User Guide*.
- **Support for Admin User and Access Control**: OCNADD now supports three types of users with different access control levels. The users can be created using CNC Console

and assigned any of the three roles (Admin, Read/Write, and Read). For more information, see the "OCNADD Users" section in the *Oracle Communications Network Analytics Data Director User Guide*.

- **Performance Improvements**: The following performance figures are benchmarked:
  - HTTP2 Feed 109K MPS with replication
  - Synthetic feed 109K MPS with replication
  - Message Sequencing with 109K MPS (Note that additional latency may be observed because of sequencing)

  For more information, see the *Oracle Communications Network Analytics Data Director Benchmarking Guide*.

3
Media and Documentation

Media Pack

This section lists the media package for Network Analytics Suite release 24.1.x. To download the media package, see My Oracle Support (MOS).

To learn how to access and download the media package from MOS, see Accessing Documents on MoS.

> **Note:**
>
> The information provided in this section is accurate at the time of release but is subject to change. See the Oracle software delivery website for the latest information.

Table 3-1 Media Pack Contents for OCNWDAF 24.1.0

Description	NF Version	ATS Package Version	Upgrade Supported
Oracle Communications Network Data Analytics Function (OCNWDAF)	24.1.0	24.1.0	OCNWDAF 24.1.0 supports only fresh installation. For more information, see *Oracle Communications Networks Data Analytics Function Installation and Fault Recovery Guide*.

Table 3-2 Media Pack Contents for OCNADD 24.1.0

Description	Version	ATS Version	Upgrade Supported
Oracle Communications Network Analytics Data Director (OCNADD)	24.1.0	24.1.0	OCNADD 24.1.0 supports upgrade from 23.4.0 and 23.3.x. For more information, see *Oracle Communications Network Analytics Data Director Installation, Upgrade, and Fault Recovery Guide*.

Compatibility Matrix

The following table lists the compatibility matrix for OCNWDAF:

Table 3-3 Compatibility Matrix for OCNWDAF 24.1.0

NF Version	CNE	cnDBTier	OCCDCSI	OSO	ASM S/W	Kubernetes	CNC Console	PCF	SCP	NRF	SEPP	OCNADD
24.1.0	• 23.4.x • 23.3.x • 23.2.x	• 24.1.0	NA	NA	NA	• 1.27.x • 1.26.x • 1.25.x • 1.24.x • 1.22.x • 1.21.x • 1.20.x	• 24.1.x • 23.4.x • 23.3.x • 23.2.x	• 23.3.x • 23.2.x	• 23.4.0 • 23.3.0 • 23.2.x • 23.1.x	• 23.4.0 • 23.3.0 • 23.2.x • 23.1.x	NA	24.1.0

3GPP Compatibility Matrix

The following table lists the 3GPP compatibility matrix for OCNWDAF:

Table 3-4 3GPP Compatibility Matrix

NF	NF Version	3GPP
OCNWDAF	24.1.0	• 3GPP TS 23.288 v16 • 3GPP TS 23.288 v17.4.0 • 3GPP TS 29.520 v17.6.0 • 3GPP TS 29.508 v17.5.0 • 3GPP TS 29.518 v17.5.0 • 3GPP TS 23.501 v17.5.0 • 3GPP TS 23.502 v17.4.0 • 3GPP TS 33.521 v17.1.0

> **Note:**
>
> For seamless integration and optimal performance of CNC NFs on third party platform, the third party platform needs to be compatible with the specified Kubernetes version.

The following table lists the compatibility matrix for OCNADD:

Table 3-5 Compatibility Matrix for OCNADD 24.1.0

Version	CNE	cnDBTier	OCCDCSCI Adapter	OSO	ASM S/W	Kubernetes	CNC Console	SCP	NRF	SEPP
24.1.0	• 24.1.0 • 23.4.0 • 23.3.0	• 24.1.0 • 23.4.0 • 23.3.0	24.4.1.x	NA	NA	• 1.27.x • 1.26.x • 1.25.x	• 24.1.0 • 23.4.0 • 23.3.0	• 24.1.0 • 23.4.0 • 23.3.0	• 24.1.0 • 23.4.0 • 23.3.0	• 24.1.0 • 23.4.0 • 23.3.0

3GPP Compatibility Matrix

The following table lists the 3GPP compatibility matrix:

Table 3-6 3GPP Compatibility Matrix

NF	NF Version	3GPP
OCNADD	24.1.0	NA
SCP	• 24.1.x • 23.4.x • 23.3.x	Release 16 compliant
NRF	• 24.1.x • 23.4.x • 23.3.x	Release 16 compliant
SEPP	• 24.1.x • 23.4.x • 23.3.x	Release 16 compliant

Note:

- For the data being sent from NRF, GZIP compression is turned off within the NRF.
- For the data being sent from SCP, OCNADD copies the base64 encoded compressed “5g-sbi- message” to the third party consumer without decoding.
- For seamless integration and optimal performance of CNC NFs on third party platform, the third party platform needs to be compatible with the specified Kubernetes version.

Common Microservices Load Lineup

This section provides information about common microservices and ATS for OCNWDAF Release 24.1.x.

Table 3-7 Common Microservices Load Lineup for OCNWDAF 24.1.0

NF Version	Alternate Route SVC	App-Info	ASM Configuration Chart	ATS Framework	Config-Server	Debug-tool	Egress Gateway	Ingress Gateway	Helm Test	Mediation	NRF-Client	Perf-Info
24.1.0	NA	NA	NA	24.1.0	NA	1.2.3	23.4.3	23.4.3	22.4.0	NA	23.4.2	NA

This section provides information about common microservices and ATS for OCNADD release 24.1.x:

Table 3-8 Common Microservices Load Lineup for OCNADD 24.1.0

Version	Alternate Route SVC	App-Info	ASM Configuration Chart	ATS Framework	Config-Server	Debug-tool	Egress Gateway	Ingress Gateway	Helm Test	Mediation	NRF-Client	Perf-Info
24.1.0	NA	NA	NA	24.1.0	NA	NA	NA	NA	NA	NA	NA	NA

Security Certification Declaration

The following table lists the security tests and the corresponding dates of compliance for OCNWDAF:

Table 3-9 Security Certification Declaration for OCNWDAF 24.1.0

Compliance Test Description	Test Completion Date	Summary
Static Source Code Analysis *Additional Information: Assesses adherence to common secure coding standards*	05 Mar, 2024	No unmitigated critical or high findings.

Table 3-9 (Cont.) Security Certification Declaration for OCNWDAF 24.1.0

Compliance Test Description	Test Completion Date	Summary
Dynamic Analysis (including fuzz testing) *Additional Information: Tests for risk of common attack vectors such as OWASP Top 10 and SANS 25*	05 Mar, 2024	No unmitigated critical or high findings.
Vulnerability Scans *Additional Information: Scans for CVEs in embedded 3rd party components*	05 Mar, 2024	No unmitigated critical or high findings.
Malware Scans *Additional Information: Scans all deliverable software packages for the presence of known malware*	05 Mar, 2024	No unmitigated critical or high findings.

Overall Summary: No critical or severity 1 security issues were found or pending during internal security testing.

The following table lists the security tests and the corresponding dates of compliance for OCNADD:

Table 3-10 Security Certification Declaration for OCNADD 24.1.0

Compliance Test Description	Test Completion Date	Summary
Static Source Code Analysis *Additional Information: Assesses adherence to common secure coding standards*	15 Feb, 2024	Some mitigated high severity issues (No: 386841297) are present.
Dynamic Analysis (including fuzz testing) *Additional Information: Tests for risk of common attack vectors such as OWASP Top 10 and SANS 25*	15 Feb, 2024	No unmitigated critical or high findings

Table 3-10 (Cont.) Security Certification Declaration for OCNADD 24.1.0

Compliance Test Description	Test Completion Date	Summary
Vulnerability Scans *Additional Information: Scans for CVEs in embedded 3rd party components*	06 Mar, 2024	Mitigated high severity issue. CVE-2024-22233 No impact as OCNADD uses TLS. An application is vulnerable when: • The application uses Spring MVC * Spring Security 6.1.6+ or 6.2.1+ and is on the classpath. OCNADD does not use Spring Security. • Spring Boot applications require *org.springframework.boot:spring-boot-starter-web* and *org.springframework.boot:spring-boot-starter-security* dependencies to meet all conditions. OCNADD does not use *spring-boot-starter-web* and/or *spring-boot-starter-security*.
Malware Scans *Additional Information: Scans all deliverable software packages for the presence of known malware*	06 Mar, 2024	No findings

Overall Summary: No critical or severity 1 security issues were found or pending during internal security testing.

Documentation Pack

All documents for Network Analytics Suite 24.1.0 available for download from the Secure Sites and My Oracle Support (MOS).

To learn how to access and download the documents from SecureSites, see Oracle Users or Non-Oracle users.

To learn how to access and download the documentation pack from MOS, see Accessing NF Documents on MOS.

4

Resolved and Known Bugs

This chapter lists the resolved and known bugs for Network Analytics Suite Release 24.1.x .

These lists are distributed to customers with a new software release at the time of General Availability (GA) and are updated for each maintenance release.

Severity Definitions

Service requests for supported Oracle programs may be submitted by you online through Oracle's web-based customer support systems or by telephone. The service request severity level is selected by you and Oracle and should be based on the severity definitions specified below.

Severity 1

Your production use of the supported programs is stopped or so severely impacted that you cannot reasonably continue work. You experience a complete loss of service. The operation is mission critical to the business and the situation is an emergency. A Severity 1 service request has one or more of the following characteristics:

- Data corrupted.
- A critical documented function is not available.
- System hangs indefinitely, causing unacceptable or indefinite delays for resources or response.
- System crashes, and crashes repeatedly after restart attempts.

Reasonable efforts will be made to respond to Severity 1 service requests within one hour. For response efforts associated with Oracle Communications Network Software Premier Support and Oracle Communications Network Software Support & Sustaining Support, please see the Oracle Communications Network Premier & Sustaining Support and Oracle Communications Network Software Support & Sustaining Support sections above.

Except as otherwise specified, Oracle provides 24 hour support for Severity 1 service requests for supported programs (OSS will work 24x7 until the issue is resolved) when you remain actively engaged with OSS working toward resolution of your Severity 1 service request. You must provide OSS with a contact during this 24x7 period, either on site or by phone, to assist with data gathering, testing, and applying fixes. You are requested to propose this severity classification with great care, so that valid Severity 1 situations obtain the necessary resource allocation from Oracle.

Severity 2

You experience a severe loss of service. Important features are unavailable with no acceptable workaround; however, operations can continue in a restricted fashion.

Severity 3

You experience a minor loss of service. The impact is an inconvenience, which may require a workaround to restore functionality.

Severity 4

You request information, an enhancement, or documentation clarification regarding your software but there is no impact on the operation of the software. You experience no loss of service. The result does not impede the operation of a system.

Resolved Bug List

This section provides information on the resolved bugs in Network Analytics Suite products release 24.1.x.

OCNWDAF Resolved Bugs

OCNWDAF Resolved Bugs for OCNWDAF 24.1.0

Table 4-1 OCNWDAF Resolved Bugs for OCNWDAF 24.1.0

Bug Number	Title	Description	Severity	Found in Release
36365248	AnalyticsInfo is falling with error 406	The user sent an AnalyticsInfo request with the correct parameters and received an incorrect response code 406. The correct status code is either 204 or 200.	2	23.4.0
36068419	3gpp NWDAF - Error message is wrong when trying to create a sub with MTLF down	When creating a subscription with MTLF unavailable, the API response was invalid.	3	23.4.0
36068437	NWDAF subscriptions with ONE_TIME value in notifMethod send more than 1 notification	The OCNWDAF subscriptions with the value "ONE_TIME" in the parameter `notifMethod` sent multiple notifications.	3	23.4.0
36068432	PV API Consumer not logging request headers	The PV API consumer was not logging the HTTP headers for each request.	4	23.4.0
36073817	GUI Slice Load filter being applied when coming from NF Load	The user set a date range in the NF Load Monitoring GUI page and then proceeded to the Slice Load Monitoring page. The user observed an extra filter appeared in the filter bar.	4	23.4.0

> **Note:**
>
> Resolved bugs from 22.1.0, 23.1.0, 23.1.0.0.2, 23.2.0, 23.3.0, 23.3.0.0.1, and 23.4.0 have been forward ported to Release 24.1.0.

OCNADD Resolved Bugs

OCNADD Resolved Bugs for OCNADD 24.1.0

Table 4-2 OCNADD Resolved Bugs for OCNADD 24.1.0

Bug Number	Title	Description	Severity	Found In Release
36309089	Attempted Upgrade to from 23.4.0 to 23.2.0.0.2 and rollback failure	The user upgraded from release 23.3.0 to release 23.4.0, and errors were reported for configuration secrets and admin services, though the intraTLS was disabled.	2	23.4.0
36356432	Adapters with egress filter associated are not able to process traffic	Adapters with Egress filters could not process traffic as the stream thread mapping was created for only up to eight stream threads.	2	23.4.0
36346242	Fabric8 error observed on admin service resulting in not upgrade of adapter feeds	The Admin service could not create the adapter due to a Fabric8 client error resulting from changes in the Fabric8 API.	2	23.4.0
36310029	Correlation pod did not spawned, SCP/NRF/SEPP/MAIN topics not created after backup restoration	After the backup restoration was performed, the correlation pod failed to spawn, and the SCP/NRF/SEPP/MAIN topics were not created. This was due to an issue with the restore script and admin service. A code block to recreate the correlation pod after DB restore was missing.	2	23.4.0

Table 4-2 (Cont.) OCNADD Resolved Bugs for OCNADD 24.1.0

Bug Number	Title	Description	Severity	Found In Release
36038818	Log messages: error raising alarm	An error was reported in the adapter service while raising the alarm.	3	23.4.0
36206970	Data Director adapter pods fail to start due to CA cert path being incorrect	Data Director adapter pods fail to start due to an incorrect CA cert path. The *caroot.cer* was used in the certificate instead of the default *cacert.pem*. Support was added for the *caroot.ca* in the adapter service.	3	23.4.0
36080286	Egress filter of worker group1 is showing feeds of other WG as well in "association" dropdown	It was observed that while creating the egress filter, the adapter feed created for one worker group appeared for the other worker group and during the filter's association with the feed.	3	23.4.0
36038805	OCNADD GUI reloading a page takes 40 seconds	The OCNADD GUI took longer to reload after updating the feed configuration.	3	23.4.0
36027600	Worker-group not listed when MTLS is true	The MTLS was not working for the OCNADD GUI services.	3	23.4.0
36022704	Seeing a sudden drops in KPI's count after correlation service pod restarts	The Prometheus metric counters were reset when the container restarted. The GUI fetched the metrics from Prometheus, and upon resuming the correlation service pods, the metric counter was reset, which incorrectly resulted in observing a sudden drop in KPI count.	3	23.4.0

Table 4-2 (Cont.) OCNADD Resolved Bugs for OCNADD 24.1.0

Bug Number	Title	Description	Severity	Found In Release
36020488	Deregistration and Registration Alarm for UIRouter and GUI is not logging on UI and database	The UI and UI router service could register (and deregister) with the health monitoring service.	3	23.4.0
35926969	Edit function in Correlation config not working properly	The user could not change the correlation mode and had to reselect all the fields for the new correlation mode individually.	3	23.4.0
35842279	DataDirector GUI Display issue 5G PROD	The feed status was displayed as inactive, though the feed was working correctly, and a third party could receive the data from the feed.	3	23.4.0
36349976	Data Director GUI users are not able to see feeds already created	The users with the "write" role could see each other's feeds, which is the expected behavior.	3	23.4.0
36343889	Average Latency for Data Feed" is not showing correct value	The OCNADD GUI user observed that the metric for a particular feed displayed incorrect Average Latency. The latency value was very low, and the GUI considered very low latency values to be "0."	3	23.4.0
36071681	In N12 and N13 service name labels are not correct.	The labels identifying the N12 and N13 transactions were incorrect.	4	23.4.0
36017165	KPI's graph not displaying correct information.	The label on the KPI graph was incorrect. *msg/sec* was displayed instead of *transactions/sec*.	4	23.4.0

> **Note:**
>
> Resolved bugs from 22.1.0, 23.1.0, 23.2.0, 23.2.0.0.1, 23.3.0, and 23.4.0 have been forward ported to Release 24.1.0.

Known Bug List

Known Bugs tables list the known bugs and associated Customer Impact Statements.

OCNWDAF 24.1.0 Known Bugs

The following table lists the known bugs for OCNWDAF Release 24.1.x.

Table 4-3 OCNWDAF 24.1.0 Known Bugs

Bug Number	Title	Description	Severity	Found in Release	Customer Impact
36422338	UI SLL Threshold notifications for DD subs missing nf_id	OCNWDAF uses the OCNADD as a data source. Currently, the OCNADD events do not contain the previously mentioned values.	3	24.1.0	No customer impact. **Workaround**: No workaround available.
36422333	Configuration_ manager cell table should not contain tac attribute	The `configuration_manager` cell table contains the tac attribute, which is duplicate data that must be deleted.	3	24.1.0	No customer impact. **Workaround**: No workaround available.
36422348	UI Capex changing tabs styles	When the user selects either the **View UE Group** or **Analytics** tab on the **Capex Optimization** page, the modification style of the **Monitoring** tab currently differs from how the UI works.	4	24.1.0	Incorrect information is displayed in the GUI. Visualization in the **Monitoring** tab is incorrect. **Workaround**: No workaround available.

Table 4-3 (Cont.) OCNWDAF 24.1.0 Known Bugs

Bug Number	Title	Description	Severity	Found in Release	Customer Impact
36451109	CVE medium CVE-2024-29025 Netty DoS due to insufficient restrictions on the amount of memory	Netty is an asynchronous event-driven network application framework for rapidly developing maintainable, high-performance protocol servers and clients. Netty Denial of Service (DoS) is observed due to insufficient restrictions on the amount of memory.	4	24.1.0	Netty is not the base web server for NWDAF, hence no customer impact. **Workaround**: No workaround available.

OCNADD Known Bugs

OCNADD 24.1.0 Known Bugs

The following table lists the known bugs for OCNADD Release 24.1.x.

Table 4-4 OCNADD 24.1.0 Known Bugs

Bug Number	Title	Description	Severity	Found in Release	Customer Impact
36008271	Synthetic feed adapter stops sending packets	The OCNADD's consumer adapter sometimes stops traffic to a particular third party application. The third party application frequently closes the connection with the OCNADD consumer adapter for the synthetic feed, causing the Kafka consumer threads to detach from the consumer group and stop reading the traffic.	3	23.3.0	Traffic to specific third-party applications may be disrupted. **Workaround**: Restart the consumer adapter.
36361882	The kafka feed status is showing inactive even if it is properly processing traffic	The status of the feed is reported incorrectly on the OCNADD GUI.	3	24.1.0	Incorrect information is displayed in the GUI. **Workaround**: No workaround available.
36323339	Correlation configuration created without kafka-feed at primary site	In a georedundant deployment, when the Kafka feeds on both sites are created and bidirectional sync mode is enabled in the redundancy mate configuration, the correlation configuration gets replicated on the primary site without its Kafka feed.	3	24.1.0	The correlation configuration only works correctly with the Kafka feed. **Workaround**: For more information, see "Troubleshooting OCNADD" chapter in the *Oracle Communications Network Analytics Data Director Troubleshooting Guide*.

Table 4-4 (Cont.) OCNADD 24.1.0 Known Bugs

Bug Number	Title	Description	Severity	Found in Release	Customer Impact
36251097	DD-GUI : Unable to create feed with thirdparty-destination having number in namespace	The GUI does not support the destination endpoint if the feed name contains fqdn with a namespace starting with a number.	3	24.1.0	While creating the third-party feed, a third-party application destination endpoint with a namespace starting with the number is not allowed. **Workaround**: No workaround available.
36108512	Higher latencies upto 2sec reported with 100K MPS DD traffic when DD and NFs are deployed in same cluster	Replicated HTTP2 feeds display higher latency values when all the NFs and OCNADD are deployed in the same cluster. Network throttling is causing this increase.	3	23.4.0	Higher resource utilization is required. **Workaround**: Distribute some NFs, such as SEPP and OCNADD, in different clusters.
36481692	Malformed Data in Message sent to monitoring system (with strange characters) when path is too long and has special characters	Unable to decode long URL strings correctly, junk characters are visible while sending long URL messages with special characters such as “{“, “[“, “:”, “””.	3	23.3.0	Troubleshooting tools are unable to decode the messages. **Workaround**: No workaround available.
36431442	GUI created data feed with round-robin logic of consumer adapter fails	The user creates a consumer feed from the GUI with two destination endpoints and the load balancing type as "round-robin". One of the endpoints has a load factor of "null".	3	23.4.0	The adapter pod does not spawn for the configured feed, and GUI validation is missing. **Workaround**: Use weighted load balancing and set the load factor to 50% for each destination endpoint.

Table 4-4 (Cont.) OCNADD 24.1.0 Known Bugs

Bug Number	Title	Description	Severity	Found in Release	Customer Impact
36411328	Cannot close feed modification window after saving changes	The user is unable to save feed modifications.	3	23.4.0	The issue cannot be reproduced. No customer impact. **Workaround**: No workaround available.
36372176	Pre-defined value for egress filters are not saved via kafka-template	While creating a Kafka template, the user provides a filter as message-direction, value as TxRequest, and so on. The configuration is saved, but the filter is not applied. On opening the configuration in edit mode, the value for message-direction is absent.	3	23.4.0	User configuration is not applied correctly. **Workaround**: Create the Kafka feed with a filter without using the Kafka templates.
36103165	DD feed goes down and does not recover (name resolution issue ?)	The OCNADD's consumer adapter sometimes stops traffic to a particular third-party application. The application frequently closes the connection with the OCNADD's consumer adapter for the synthetic feed. The Kafka consumer threads detach from the consumer group and stop reading the traffic. This bug is a duplicate of bug 36008271.	3	23.4.0	Traffic to specific third-party applications is disrupted. **Workaround**: Restart the consumer adapter.

Table 4-4 (Cont.) OCNADD 24.1.0 Known Bugs

Bug Number	Title	Description	Severity	Found in Release	Customer Impact
35971309	[NF KPI DASHBOARD]: kpi interval end date is taking earlier date also	In the NF dashboard, the KPI interval end date field accepts an earlier date than the start date.	3	23.4.0	Missing field entry validation can result in user error. **Workaround**: No workaround available.
36475951	[OCI] For SYNTHETIC FEED and KAFKA FEED with 5K MPS traffic most of the memory utilization is more than 99%	Memory resource utilization is high for a few service pods.	4	24.1.0	High resource utilization is observed. **Workaround**: Increase the memory for the pods reporting high resource utilization.
36407210	Clone feed not cloning all default parameters in a new feed	When the user clones a feed from a feed created using default parameters, the "Handshake Synthetisation" is disabled on the cloned feed. By default, "Handshake Synthetisation" is enabled when manually creating a feed.	4	24.1.0	The cloned feed behaves differently from the original feed and causes user confusion. **Workaround**: Manually enable the "Handshake Synthetisation" in the newly created cloned feed.
36372697	Default values for TDR configuration not auto-filled when changed from SUDR to TDR (kafka-template)	When the correlation mode is changed from SUDR to TDR using the Kafka templates for configuration creation, the parameters for the TDR are not auto-filled.	4	24.1.0	The user has to manually provide all the default values. **Workaround**: No workaround available.