Oracle® Session Delivery Management Cloud
What's New

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Contents

About This Guide

The Oracle® Session Delivery Management Cloud (Oracle SDM Cloud) What's New Guide provides a list of features new to this release, as well as Known Issues.

The following table describes the documentation set for this release.

Document Name	Document Description
Getting Started Guide	Contains conceptual and procedural information for system provisioning and software installations.
Users Guide	Contains information about the administration and software configuration of the Oracle SDM Cloud.
Security Guide	Contains information about security considerations and best practices from a network and application security perspective.
What's New	Contains a list of new features for a specific release as well as Known Issues pertaining to the release.

My Oracle Support

My Oracle Support (https://support.oracle.com) is your initial point of contact for all product support and training needs. A representative at Customer Access Support (CAS) can assist you with My Oracle Support registration.

Call the CAS main number at 1-800-223-1711 (toll-free in the US), or call the Oracle Support hotline for your local country from the list at http://www.oracle.com/us/support/contact/index.html. When calling, make the selections in the sequence shown below on the Support telephone menu:

1. Select 2 for New Service Request.

2. Select 3 for Hardware, Networking, and Solaris Operating System Support.

3. Select one of the following options:

   - For technical issues such as creating a new Service Request (SR), select 1.

   - For non-technical issues such as registration or assistance with My Oracle Support, select 2.

You are connected to a live agent who can assist you with My Oracle Support registration and opening a support ticket.

My Oracle Support is available 24 hours a day, 7 days a week, 365 days a year.

Emergency Response

In the event of a critical service situation, emergency response is offered by the Customer Access Support (CAS) main number at 1-800-223-1711 (toll-free in the US), or call the Oracle Support hotline for your local country from the list at http://www.oracle.com/us/support/contact/

index.html. The emergency response provides immediate coverage, automatic escalation, and other features to ensure that the critical situation is resolved as rapidly as possible.

A critical situation is defined as a problem with the installed equipment that severely affects service, traffic, or maintenance capabilities, and requires immediate corrective action. Critical situations affect service and/or system operation resulting in one or several of these situations:

- A total system failure that results in loss of all transaction processing capability
- Significant reduction in system capacity or traffic handling capability
- Loss of the system's ability to perform automatic system reconfiguration
- Inability to restart a processor or the system
- Corruption of system databases that requires service affecting corrective actions
- Loss of access for maintenance or recovery operations
- Loss of the system ability to provide any required critical or major trouble notification

Any other problem severely affecting service, capacity/traffic, billing, and maintenance capabilities may be defined as critical by prior discussion and agreement with Oracle.

Locate Product Documentation on the Oracle Help Center Site

Oracle Communications customer documentation is available on the web at the Oracle Help Center (OHC) site, http://docs.oracle.com. You do not have to register to access these documents. Viewing these files requires Adobe Acrobat Reader, which can be downloaded at http://www.adobe.com.

1. Access the Oracle Help Center site at http://docs.oracle.com.
2. Click **Industries**.
3. Under the Oracle Communications sub-header, click the **Oracle Communications documentation** link.
   The Communications Documentation page appears. Most products covered by these documentation sets appear under the headings "Network Session Delivery and Control Infrastructure" or "Platforms."
4. Click on your Product and then Release Number.
   A list of the entire documentation set for the selected product and release appears.
5. To download a file to your location, right-click the **PDF** link, select **Save target as** (or similar command based on your browser), and save to a local folder.

Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info or visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs if you are hearing impaired.

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What's New

Learn about the new features and enhancements to the Oracle Session Delivery Management Cloud.

Topics:

- Release 25D - October 2025 Updates
- Release 25A - April 2025 Updates
- Release 24D - November 2024 Updates

Release 25D - October 2025 Updates

The following tables describe the new features and enhancements delivered in this Oracle® Session Delivery Management Cloud (Oracle SDM Cloud) release.

New Features

Features	Description
HDR Reporting and Analytics	HDR Reporting and Analytics offers a centralized platform for monitoring and managing session delivery by processing Historical Data Records (HDR) from Session Border Controller (SBC) and Enterprise Session Border Controller (ESBC) devices. This feature enables advanced visualization, real-time monitoring of HDR data, and historical trend analysis, allowing users to generate custom and predefined reports with hourly to monthly data granularity. Access is role-based, ensuring users can only view data for devices they are authorized to manage. For more information, see *HDR Reports and Analytics* in the *User Guide*.
Navigate Directly from Connectivity Status and Alarm Portlets	Users can navigate directly from the Connectivity Status and Alarms Portlets to related pages, such as Device Manager and Alarms Pages, by clicking on connectivity statuses or alarm severities. This enhances usability by providing pre-filtered search results and click-based navigation, streamlining access to relevant information. For more information, see *Navigate Directly from Connectivity Status and Alarm Portlets* in the *User Guide*.

Features	Description
Override Locked Route Sets	Administrators can now view, search, and unlock any locked route sets across the system, regardless of the user or group that initially locked them. This functionality enables efficient management of orphaned route sets, particularly those created by users who are no longer with the organization. For more information, see *Override Locks* in the *User Guide*.

On-Premises Software Compatibility

The following table displays the on-premises components used by the Oracle SDM Cloud and shows which component versions are compatible with one another.

Release Date	Oracle SDM Cloud Release	MCE
November 2025	Oracle SDM Cloud 25.2.0.0.10	Management Cloud Engine 25.2.0.0.0
October 2025	Oracle SDM Cloud	Management Cloud Engine 25.2.0.0.0

For information on upgrading the MCE, see the *Getting Started* guide.

Supported Browsers

The Oracle SDM Cloud has been tested with the following web browsers and versions.

- Chrome Version 140.0.7339.129 (Official Build) (64-bit)

> ⓘ **Note**
>
> Oracle recommends using the latest version of Chrome.

- Firefox 143.0.1 (64-bit)

Network Function Model Support

The following table describes the Network Function (NF) model support for this release.

Network Function Category	Supported Network Functions
SP Edge & Core	• SCZ915

Network Function Category	Supported Network Functions
Enterprise Edge & Core	• PCZ400 • PCZ400p2 • PCZ400p3 • PCZ400p5 • PCZ400p6 • PCZ400p8 • PCZ410 • PCZ410p1 • PCZ410p2 • PCZ410p3 • PCZ410p4 • PCZ410p5 • PCZ410p7 • PCZ420 • PCZ420p1 • PCZ420p2 • PCZ420p3 • PCZ500
Shared by Both SP Edge & Core and Enterprise Edge & Core	• SCZ900 • SCZ900p2 • SCZ900p3 • SCZ900p6 • SCZ900p7 • SCZ900p10 • SCZ910 • SCZ910p3 • SCZ910p4 • SCZ910p5 • SCZ910p7 • SCZ910p8 • SCZ910p10 • SCZ920 • SCZ920p1 • SCZ920p2 • SCZ920p3 • SCZ920p4 • SCZ920p5 • SCZ920p6 • SCZ920p7 • SCZ930 • SCZ930p2 • SCZ930p3 • SCZ930p4 • SCZ930p5 • SCZ930p6 • SCZ930p8 • SCZ1000 • SCZ1000p1 • SCZ1000p2 • SCZ1000p3 • SCZ1000p4

> **ⓘ Note**
>
> - Any software versions or platforms listed above are not supported by Oracle SDM Cloud if they are EOL.
> - Any SBC or ESBC patch releases available on or before the latest release or patch mentioned above will be supported by Oracle SDM Cloud.

NF Software Upgrade Information

The following upgrade paths for Network Function (NF) software (for example, SBC) are qualified and supported by the Oracle® Session Delivery Management Cloud (Oracle SDM Cloud) NF Upgrade feature.

The targeted devices does NOT have R226 enabled	- Release versions from S-Cz7.4.0 to S-Cz7.4.1 can be upgraded to release versions from S-Cz8.0.0 to S-Cz8.4.0p3 - Release versions from S-Cz8.0.0 to S-Cz8.4.0p3 can be upgraded to release version S-Cz8.4.0p4 - Release versions from S-Cz8.4.0p4 can be upgraded to release version S-Cz9.0.0.
The targeted device has R226 enabled	- Release versions from S-Cz7.4.0 to S-Cz7.4.1 can be upgraded to release versions from S-Cz8.0.0 to S-Cz8.3.0 - Release versions from S-Cz8.0.0 to S-Cz8.3.0 can be upgraded to release version S-Cz8.4.0p4 **ⓘ Note** When R226 is enabled, releases from S-Cz8.4.0 to S-Cz8.4.0p3 cannot be upgraded to S-Cz8.4.0p4 as these releases do not have the required remote access support required by Oracle SDM Cloud, which was added in S-Cz8.4.0p4. - Release versions from S-Cz8.4.0p4 can be upgraded to release version S-Cz9.0.0.

> **ⓘ Note**
>
> For more information on downgrading software versions, contact your Oracle representative.

SBC/ESBC Version Support for HDR Groups

This section explains HDR Group support in Oracle® Session Delivery Management Cloud (Oracle SDM Cloud) for Session Border Controller (SBC) and Enterprise Session Border Controller (ESBC) software versions.

The following table describes SBC and ESBC version support for HDR groups.

Major Software Versions	Supported HDR Groups
• SCZ900 • SCZ910 • SCZ920 • SCZ930 • SCZ1000	• dos-threshold-counters • interface • network-util • sa-srtp • session-agent • session-realm • sip-acl-oper • sip-agent-method • sip-interface-method • sip-invites • sip-method • sip-policy • sip-realm-method • sip-sessions • system • xcode-codec-util • xcode-session-gen-info

Release 25A - April 2025 Updates

The following tables describe the new features and enhancements delivered in this Oracle® Session Delivery Management Cloud (Oracle SDM Cloud) release.

New Features

Features	Description
Recent Call Ladder Diagrams Download Support	Oracle SDM Cloud now allows users to download recent call ladder diagrams. For more information, see *Manage Media Engine Recent Calls* and *View, Export, and Download Call Ladder Diagrams* in the *User Guide*.
Email Notification Updates	Email notifications now include the device name in the email body. For more information, see *Set Notification Criteria* in the *User Guide*.
MCE Installation Updates	The Management Cloud Engine (MCE) installation process has been updated to include a systemd service created along with MCE activation that ensures the MCE container is restarted every time the VM reboots. With this update, root access is no longer required for MCE installation and activation. For more information, see *Install and Configure the MCE* in *Getting Started*.

Features	Description
Search on Trap OIDs Support	A new search box has been introduced on the Trap Event Setting page, allowing users to search on Trap OIDs. For more information, see *Search on Trap OIDs* in the *User Guide*.
Oracle SDM Cloud Supported Regions	Oracle SDM Cloud supports deployment in two OCI Regions, Ashburn (IAD) and Frankfurt (FRA). For more information see *Supported Regions* in the *User Guide*.
Acme Packet 6400 Support	Oracle SDM Cloud supports Acme Packet 6400 on the SBC, ESBC, and SR products.

On-Premises Software Compatibility

The following table displays the on-premises components used by the Oracle SDM Cloud and shows which component versions are compatible with one another.

Release Date	Oracle SDM Cloud Release	MCE
April 2025	Oracle SDM Cloud 25.1.0.0.0	Management Cloud Engine 25.1.0.0.0

For information on upgrading the MCE, see the *Getting Started* guide.

Supported Browsers

The Oracle SDM Cloud has been tested with the following web browsers and versions:

• Chrome Version 126.0.6478.127 (Official Build) (64-bit)

> ⓘ **Note**
>
> Oracle recommends using the latest version of Chrome.

• Firefox 128.0 (64-bit)

Network Function Model Support

Network Function Category	Supported Network Functions
SP Edge & Core	• LCX150 • LCX150m1 • SCZ740 • SCZ740m1 • SCZ740m2 • SCZ741 • SCZ741m1 • SCZ800 • SCZ810 • SCZ810m1 • SCZ810m1p6 • SCZ810m1p25 • SCZ825 • SCZ825p3 • SCZ845 • SCZ915

Network Function Category	Supported Network Functions
Enterprise Edge & Core	• ECZ730
	• ECZ730m1
	• ECZ730m2p1
	• ECZ730m3
	• ECZ730p2
	• ECZ740p1
	• ECZ750
	• ECZ800
	• ECZ810
	• ECZ810m1
	• ECZ810m1p25
	• PCZ300
	• PCZ310
	• PCZ320
	• PCZ330
	• PCZ330p1
	• PCZ330p3
	• PCZ330p4
	• PCZ330p8
	• PCZ330p9
	• PCZ330p10
	• PCZ400
	• PCZ400p2
	• PCZ400p3
	• PCZ400p5
	• PCZ400p6
	• PCZ400p8
	• PCZ410
	• PCZ410p1
	• PCZ410p2
	• PCZ410p3
	• PCZ410p4
	• PCZ410p5
	• PCZ420
	• PCZ420p1
	• PCZ420p2

Network Function Category	Supported Network Functions
Shared by Both SP Edge & Core and Enterprise Edge & Core	• SCZ820 • SCZ830 • SCZ830m1 • SCZ830m1p8 • SCZ830m1p10 • SCZ830m1p13 • SCZ840 • SCZ840p2 • SCZ840p3 • SCZ840p4 • SCZ840p5 • SCZ840p10 • SCZ840p14 • SCZ900 • SCZ900p2 • SCZ900p3 • SCZ900p6 • SCZ900p7 • SCZ900p10 • SCZ910 • SCZ910p3 • SCZ910p4 • SCZ910p5 • SCZ910p7 • SCZ910p8 • SCZ910p10 • SCZ920 • SCZ920p1 • SCZ920p2 • SCZ920p3 • SCZ920p4 • SCZ920p5 • SCZ920p7 • SCZ930 • SCZ930p2 • SCZ930p3 • SCZ930p4 • SCZ10.0

ⓘ **Note**

- Any software versions or platforms listed above are not supported by Oracle SDM Cloud if they are EOL.

- Any SBC or ESBC patch releases available on or before the latest release or patch mentioned above will be supported by Oracle SDM Cloud.

NF Software Upgrade Information

The following upgrade paths for Network Function (NF) software (for example, SBC) are qualified and supported by the Oracle® Session Delivery Management Cloud (Oracle SDM Cloud) NF Upgrade feature:

The targeted devices does NOT have R226 enabled	- Release versions from S-Cz7.4.0 to S-Cz7.4.1 can be upgraded to release versions from S-Cz8.0.0 to S-Cz8.4.0p3 - Release versions from S-Cz8.0.0 to S-Cz8.4.0p3 can be upgraded to release version S-Cz8.4.0p4 - Release versions from S-Cz8.4.0p4 can be upgraded to release version S-Cz9.0.0.
The targeted device has R226 enabled	- Release versions from S-Cz7.4.0 to S-Cz7.4.1 can be upgraded to release versions from S-Cz8.0.0 to S-Cz8.3.0 - Release versions from S-Cz8.0.0 to S-Cz8.3.0 can be upgraded to release version S-Cz8.4.0p4 ⓘ **Note** When R226 is enabled, releases from S-Cz8.4.0 to S-Cz8.4.0p3 cannot be upgraded to S-Cz8.4.0p4 as these releases do not have the required remote access support required by Oracle SDM Cloud, which was added in S-Cz8.4.0p4. - Release versions from S-Cz8.4.0p4 can be upgraded to release version S-Cz9.0.0.

> ⓘ **Note**
>
> For more information on downgrading software versions, contact your Oracle representative.

Release 24D - November 2024 Updates

The following tables describe the new features and enhancements delivered in this Oracle® Session Delivery Management Cloud (Oracle SDM Cloud) release.

New Features

Features	Description
FCAPS Support for Enterprise Communications Broker (ECB)	Oracle SDM Cloud supports FCAPS for ECB on the NNOSVM platform. For a complete list of supported ECB software versions, see *Network Function Model Support*.

On-Premises Software Compatibility

The following table displays the on-premises components used by the Oracle SDM Cloud and shows which component versions are compatible with one another.

Release Date	Oracle SDM Cloud Release	MCE
November 2024	Oracle SDM Cloud 24.3.0.0.0	Management Cloud Engine 24.3.0.0.0

For information on upgrading the MCE, see the *Getting Started* guide.

Supported Browsers

The Oracle SDM Cloud has been tested with the following web browsers and versions:

- Chrome Version 126.0.6478.127 (Official Build) (64-bit)

> ⓘ **Note**
>
> Oracle recommends using the latest version of Chrome.

- Firefox 128.0 (64-bit)

Network Function Model Support

Network Function Category	Supported Network Functions
SP Edge & Core	• LCX150 • LCX150m1 • SCZ740 • SCZ740m1 • SCZ740m2 • SCZ741 • SCZ741m1 • SCZ800 • SCZ810 • SCZ810m1 • SCZ810m1p6 • SCZ810m1p25 • SCZ825 • SCZ825p3 • SCZ845 • SCZ915
Enterprise Edge & Core	• ECZ730 • ECZ730m1 • ECZ730m2p1 • ECZ730m3 • ECZ730p2 • ECZ740p1 • ECZ750 • ECZ800 • ECZ810 • ECZ810m1 • ECZ810m1p25 • PCZ300 • PCZ310 • PCZ320 • PCZ330 • PCZ330p1 • PCZ330p3 • PCZ330p4 • PCZ330p8 • PCZ330p9 • PCZ330p10 • PCZ400 • PCZ400p2 • PCZ400p3 • PCZ400p5 • PCZ400p6 • PCZ400p8 • PCZ410 • PCZ410p1 • PCZ410p2 • PCZ410p4 • PCZ420

Network Function Category	Supported Network Functions
Shared by Both SP Edge & Core and Enterprise Edge & Core	• SCZ820 • SCZ830 • SCZ830m1 • SCZ830m1p8 • SCZ830m1p10 • SCZ830m1p13 • SCZ840 • SCZ840p2 • SCZ840p3 • SCZ840p4 • SCZ840p5 • SCZ840p10 • SCZ840p14 • SCZ900 • SCZ900p2 • SCZ900p3 • SCZ900p6 • SCZ900p7 • SCZ900p10 • SCZ910 • SCZ910p3 • SCZ910p4 • SCZ910p5 • SCZ910p7 • SCZ910p8 • SCZ910p10 • SCZ920 • SCZ920p1 • SCZ920p2 • SCZ920p3 • SCZ920p4 • SCZ920p5 • SCZ920p7 • SCZ930 • SCZ930p2 • SCZ930p3

> ⓘ **Note**
>
> • Any software versions or platforms listed above are not supported by Oracle SDM Cloud if they are EOL.
>
> • Any SBC or ESBC patch releases available on or before the latest release or patch mentioned above will be supported by Oracle SDM Cloud.

NF Software Upgrade Information

The following upgrade paths for Network Function (NF) software (for example, SBC) are qualified and supported by the Oracle® Session Delivery Management Cloud (Oracle SDM Cloud) NF Upgrade feature:

The targeted devices does NOT have R226 enabled	• Release versions from S-Cz7.4.0 to S-Cz7.4.1 can be upgraded to release versions from S-Cz8.0.0 to S-Cz8.4.0p3 • Release versions from S-Cz8.0.0 to S-Cz8.4.0p3 can be upgraded to release version S-Cz8.4.0p4 • Release versions from S-Cz8.4.0p4 can be upgraded to release version S-Cz9.0.0.
The targeted device has R226 enabled	• Release versions from S-Cz7.4.0 to S-Cz7.4.1 can be upgraded to release versions from S-Cz8.0.0 to S-Cz8.3.0 • Release versions from S-Cz8.0.0 to S-Cz8.3.0 can be upgraded to release version S-Cz8.4.0p4 ⓘ **Note** When R226 is enabled, releases from S-Cz8.4.0 to S-Cz8.4.0p3 cannot be upgraded to S-Cz8.4.0p4 as these releases do not have the required remote access support required by Oracle SDM Cloud, which was added in S-Cz8.4.0p4. • Release versions from S-Cz8.4.0p4 can be upgraded to release version S-Cz9.0.0.

ⓘ **Note**

For more information on downgrading software versions, contact your Oracle representative.

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Known Issues and Caveats

The following topics list the known issues and caveats for this release.

Known Issues

Oracle recommends that you review the following information about Known Issues before using the Oracle Session Delivery Management Cloud. The Known Issues topic describes issues that Oracle is aware of and may address in a future release. Known Issues contain workarounds, when available.

Configuration Comparison Report Display Issue

When you display a configuration comparison report, data in the source and target are not aligned side-by-side properly under the following circumstances:

- When a new top-level element is added to a target Offline Configuration without a spreadsheet.
- When the source is seeded or reseeded from an Offline Configuration without a spreadsheet, that has a newly created top-level element.

Character Limit For Golden Configuration Comparison Target

In a golden configuration comparison, if the target for the comparison is a device configuration file, the Oracle SDM Cloud limits the name of the data doc file to 50 characters.

Offline Configuration Delete and Add Again

When an Offline Configuration is deleted from any element type, and you try to recreate the entry again with the same name, same element type, but different parameters, and push the changes in a Work Order, the Oracle SDM Cloud does not add the newly created Offline Configuration.

Workaround: Edit the existing entry instead of deleting it and trying to add it back.

Mediation Device Edits

When editing a Mediation (ME) Device, users cannot select a different timezone due to the drop-down list not appearing.

Workaround: Manually remove and re-add the Network Function (NF) to enter values properly.

Network Function Properties

There are some Network Function (NF) properties that, once configured upon being added to the device, cannot be edited. These include the following:

- SNMP mode
- SNMPv3 authentication protocol
- SNMPv3 privacy protocol
- time zone

Workaround: If you need to change these values, you must remove and re-add the NF.

Adding Large Number Of NFs Causing Timeout

When adding a large number of NFs in Configuration Manager, a timeout may occur. To avoid this situation, Oracle recommends adding only 10 NFs at a time.

Data Variable Loss

When using the Offline Configuration feature, the undo option may result in a Data Variable being incorrectly removed. You must re-add the Data Variable.

Firefox Browser Issue

When using the Firefox browser, upon logging out, the user is not directed to the Oracle Cloud Login Page. Clicking the browser's reload button corrects the issue.

Elements Inaccurately Accessible With Oracle Communications Subscriber-Aware Load Balancer

When configuring an Oracle Commuications Subscriber-Aware Load Balancer (SLB), some elements may still be accessible that the SLB does not support. When trying to save to the SLB, the device will error out and you can go and remove those elements not supported from the modifications made in Configuration Manager.

Resolved Known Issues

The following issues were resolved in the 25.2.0.0.0 release:

- Unable to configure the following system-config elements:

    - schedule-backup, logs-backup

    - logs-backup, push-receiver

    - comm-monitor, filter-profile

The following issues were resolved in the 24.2.0.0.0 release:

- Unable to created scheduled archive if local time is behind the UTC

- When a LRT Search is performed with a wildcard value for Pubid and Range, Replace All is not allowed

- Fault Manager is not processing ME traps into events

- Ability to selected disabled device even when it has been disabled from the Admin page

- All spreadsheets associated with an Offline Configuration (OC) are deleted even if the OC is locked

- DVs are being deleted even when referenced by another DV

- The Preview Screen is not showing any value of a spreadsheet if that spreadsheet has any invalid input

- In Security Manager groups, when all sub item privileges are changed to Full, the group header page is incorrectly still showing as Partial

- Selected instance is not getting deleted from the Associated Configuration Instances table

- Refresh and Auto refresh is not working for Connectivity status and Average Concurrent Sessions

- Ability to remove device from device manager when that device is used by a work order already in ready/committed state

- In Firefox, the Find Next button is not enabled after the first search

- The Dashboard portlets are not displaying properly when expanded and refreshed

- Validations to check if SED formula contains pub id field is not working in case of import CSV

- In the Device and Config Manager, clicking the Refresh button removes the clearing the search criteria

- Buttons are incorrectly enabled when there is no data present for screens (Tools, Device Manager, Config Manager, Fault Manager, Audit Logs)

- In Monitoring Manager, Select Columns is not resetting after navigating away from the screen, and filters also stop working

- Work Order is failing when changes are made to both the local policy's source realm and policy-attribute attributes.

- In the Configuration Manager Devices page, many column values are displaying incorrectly.

- Device Manager's Search is getting reset when more columns are selected using Set Column

- On the Audit Log page, Device and Network function columns data are not displayed

- Update Filter by removing routesets is not working for LRT Search

- When a Duplicate trap receiver IP is pushed to device from DCWO or DeviceSaveActivate, Device is not responding until the timeout

- Incorrect error message displayed when user adds more than 50 subscriptions

- After searching in Device Manager or Configuration Manager, search criter is not displaying

- In Select Device page, unchecking a device leads to scrolling the page to the top

- Ability to provide end date less than start date in Search dialog box

- Lock button is enabled even when the device group has View only permissions

- Buttons are incorrectly enabled when a user selects a column name in an OC

- When an IDCS session expires, users can't access the interface without clearing cache or cookies

The following issues were resolved in the 24.1.0.0.0 release:

- NAT Support for Bi-Directional Communication Based on Web Sockets

- Incorrect Copyright in Product tab

- Incorrect Database Error Message When User Creates OC with Spaces

- From Select Device Screen, When All Devices Deselected, No Calls Must be Displayed

- Displaying Wrong Error Message When Dashboard Manager Access is NONE

- Default Device Groups Unable to Change Permissions

- Unable to Download Golden Config Saved Report When Source File is Deleted

- Sync Issues for Create, Reseed, and Compare GCC Report

- ASR KPI Not Displaying in Dashboard Manager for Hourly Filter

- Save Report Success Message for Golden Configuration Needs Update

- Import CSV Error Message During Delete Operation

- Unable to Change Permissions for Existing Offline and Golden Config Groups

- Unable to Remove Data Variable Element After Performing Search

- Unlock Device Success Message is Inaccurate

- Incorrect Error Appears on First Try to Create a Template

- When two MCEs use the same Site ID, the second MCE Displays as Unreachable

- Searching by Device in Recent Calls Page Displays Incorrect Error

- Latency Issues on Several GCC Screens

- Unable to Remove Device from Configuration Manager when Devices are Unreachable

- Auto Filter Not Working Properly in Spreadsheet Page

- Software Versions do Not Display for NNOSVM Platform when Creating Offline Configurations

- Cannot Create GCC Report for Offline Configuration Created from SBC HA Pair

- Incorrectly Able to Add Unlisted Trap Name for Notification Criteria

Caveats and Limitations

The following information lists and describes the caveats and limitations for this release.

SBC/ESBC Version Considerations for HDR Reports and Analytics Support

For deployments using the HDR Reports and Analytics feature, Oracle recommends upgrading to SBC/ESBC version S-Cz9.3.0p3. While it is possible to use S-Cz9.3.0, S-Cz9.3.0p1, or S-Cz9.3.0p2 with ssh-rsa for HDR reporting, Oracle does not recommend this approach due to the reduced security offered by ssh-rsa.

Performance Considerations for Oracle SDM Cloud Analytics

- Clustering and other advanced analytics features, such as outlier classification, can be resource-intensive operations. These features may require longer processing times, particularly when executed on large datasets.

- When creating visualizations such as bar charts or line charts, Oracle SDM Cloud Analytics applies a default limit of 500,000 rows for rendering purposes. If the query result set exceeds this limit, the visualization cannot be displayed.

- When a visualization or query attempts to retrieve more data than can be processed or rendered efficiently, Oracle SDM Cloud Analytics displays a **Too Much Data. Please add more Filters** message. This prevents excessive load on the system and ensures responsiveness.
  Workarounds:

  – While generating visualizations on Raw datasets containing a large number of data points, Oracle recommends applying filters to reduce the number of datapoints.

  – Oracle recommends generating visualizations using the aggregated datasets (for example, hourly, daily, or weekly).

Network Function Model Support S-Cz9.2.0 Limitation

Oracle SDM Cloud is able to configure **system-config**, **log-tls-key** even when 'FIPS or R226 Entitlement' is enabled. However the SBC indicates an error when **verify-config** is run.

Subscription Distribution Email List

When a distribution email list is added to a Subscription, all emails in the distribution list are activated for sending emails. When any member unsubscribes, the entire distribution list is deleted.

Offline Configuration Spreadsheet Limitations

- If you create a spreadsheets with no default value for a Data Variable (DV), Oracle SDM Cloud considers the spreadsheet "not configured". While going back and editing the DV to add a default value updates that value in the non-configured spreadsheet, it does not change the spreadsheet's configuration status.
  Workaround: Create a new spreadsheet including the DV default values or manually configure the existing spreadsheets.

- When you edit a DV default value, the new value is not reflected in the existing configured spreadsheet automatically.
  Workaround: Edit the existing spreadsheet, updating the DV value or generate a new spreadsheet.

Ladder Diagram Transfer Limitations

The Oracle SDM Cloud currently supports the transfer of on-premises SBC configuration files and ladder diagrams of only 1Mb or less.

Removed Caveats and Limitations

The caveats and limitations listed in this section are no longer applicable to the Oracle® Session Delivery Management Cloud (Oracle SDM Cloud).

Oracle SDM Cloud Subscription Account

You cannot activate an Oracle® Session Delivery Management Cloud (Oracle SDM Cloud) subscription using the same Oracle cloud account used to activate an Oracle Communications Security Shield subscription.

BDB and PDB Sync Issues

Occasionally, the Berkeley Database (BDB) and Pluggable Databases (PDB) briefly out of sync, resulting in errors. When an offline configuration is created or copied, it is first stored in the BDB before being moved to the PDB. These errors can occur under the following circumstances:

- Creating, deleting, or copying offline configurations

- Creating a golden configuration based on an offline configuration

- Reseeding a golden configuration using an offline configuration

- Creating configuration comparison reports with offline configuration as the target

Workaround: Wait some time and retry.