

Oracle® Communications Diameter Signaling Router Release Notes



Release 9.1.0.1.0

G50411-01

February 2026

The Oracle logo, consisting of a solid red square with the word "ORACLE" in white, uppercase, sans-serif font centered within it.

ORACLE®

Oracle Communications Diameter Signaling Router Release Notes, Release 9.1.0.1.0

G50411-01

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Preface

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The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

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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.

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What's New in this Guide

This section introduces the documentation updates for release 9.1.0.1.0.

Release 9.1.0.1.0 - G50411-01, February 2026

- Added DSR resolved bugs in the [DSR](#) section.
- Added vSTP resolved bugs in the [vSTP](#) section.
- Added the media pack content in the [DSR Release 9.1.0.1.0](#) section.
- Updated the [Load Lineup](#) section.
- Added the [DSR Security Test Summary](#) section.

1

Introduction

This document provides information about new features and enhancements to the existing features for Oracle Communications Diameter Signaling Router.

It also includes details related to media and documentation pack, feature descriptions, Information on supported hardware baseline, supported upgrade paths. The details of the fixes are included in the Resolved Bug List section. For issues that are not yet addressed, see the Customer Known Bug List.

Release Notes are included in the documentation pack and made available with every software release. For information on how to access key Oracle sites and services, see [My Oracle Support](#).

1.1 DSR Overview

Oracle Communications Diameter Signaling Router (DSR) helps communications service providers monetize their network more efficiently to remain competitive in the market. It creates a centralized and secure signaling architecture that enables core networks to grow incrementally and to support increasing service and traffic demands. The distinctive advantages provided by the Oracle Communications Diameter Signaling Router are network scalability, resiliency, interoperability, and security, as well as network visibility. The cloud deployable Oracle Communications Diameter Signaling Router enables service providers to manage Diameter signaling while optimizing network resources, therefore maximizing the return on network and technology investments.

Disclaimer

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- Oracle Support may require that the customer uninstall the non-Oracle software and reinstall Oracle products, for example, DSR, PCRF, UDR, PIC, EAGLE, and so on, to recover the system to address any field issue.

2

Virtual Platforms Supported

Virtual DSR is tested and supported only on the following platforms:

- VMware ESXi 8.0 U2
- KVM QEMU 6.2.0, libvirt 8.0.0, and API QEMU 8.0.0
- OpenStack Wallaby

Note

BareMetal is not supported from DSR 9.0.0.0.0.

For more information, see *DSR Cloud Benchmarking Guide*.

Note

Our benchmarking and performance numbers are based only on the above mentioned platforms. If the customer environment is deployed on any other platform, all issues including compatibility and infrastructure concerns would be the responsibility of the customer. Oracle would only be responsible for application related issues.

3

Feature Descriptions

This chapter describes the features for the 9.1.0.0.0 release.

3.1 Release 9.1.0.0.0

This chapter introduces the new features or feature enhancements for DSR, vSTP, VNF, and UDR.

3.1.1 DSR Features

The following DSR features are implemented in release 9.1.0.0.0:

- **SDS Provisioning Capacity Uplift to 800 TPS:** The Transaction Provisioning System (TPS) is updated for subscriber database processor for address resolution and subscriber location functions. For more information, see *Oracle Communications Diameter Signaling Router Cloud Benchmarking Guide*.
- **Increase the APN Limit from 2000 to 8000:** An Access Point Name (APN) is a unique packet data network identifier. The PCA uses configured Access Point Names to validate APN entries received in Diameter signaling, and to apply appropriate stale session timeout values during database audits. For more information, see *Oracle Communications Diameter Signaling Router Policy and Charging Application User Guide*.
- **Egress Throttle limit from 128 to 512 in DRA:** An Egress Throttle Group is a collection of Diameter Connections or Peers, or both, that are logically grouped together to monitor Egress Message Rate and Pending Transactions for multiple Peers and Connections across multiple DA-MPs on a Network Element. For more information, see *Oracle Communications Diameter Signaling Router Diameter User Guide*.
- **Timeout based redirection across RGs:** DSR can re-route request to peer or connection within the same route group up to a specified number of times as defined in maximum number of retry within same route group. When the count of reroutes attempts reaches the maximum limit, it re-routes the request to the next route group based on their priority. For more information, see *Oracle Communications Diameter Signaling Router Diameter User Guide*.
- **LDAP to support dot symbol and 30 characters username length:** If the user account name has "@" symbol, LDAP Authentication checks for the suffixed domain name in the list of configured LDAP Servers. It then connects to the first available server with a matching domain name to perform the authentication. If this server is not reachable, it proceeds to the next server with a matching domain name. For more information, see *Oracle Communications Diameter Signaling Router Operations, Administration, and Maintenance Guide*.
- **Interface Level Report:** The Interface Level Report allows the user to determine the number of total, successful, and rejected messages forwarded and received to or from DSR over a connection on a diameter interface. For more information, see *Oracle Communications Diameter Signaling Router Diameter User Guide* and *Oracle Communications Diameter Signaling Router Measurement Reference Guide*.
- **Error codes counter peg at individual error code level:** For each Policy and Charging Site, the Diameter Error Result Code value to send to the Request initiator for policy

related errors can be configured according to which condition applies. Each condition can be mapped to a different Result Code for each supported interface. For more information, see *Oracle Communications Diameter Signaling Router Measurement Reference Guide*.

- **DSR Wallaby Support:** Oracle Communications Diameter Signaling Router is supported on OpenStack Wallaby.

3.1.2 vSTP Features

The following vSTP features are implemented in release 9.1.0.0.0:

- **Screening Support of SCMG (SCCP Management) Messages:** The MTP3 screening feature now provides enhanced support for SCMG messages based on the SCMG Message Type, Affected Point Code, and SSN (Subsystem Number). This functionality allows for the creation of screening rule groups for the Affected Point Code and Affected Point Code SSN, enabling control over which SCMG message types are permitted or discarded. By default, the NSF (Network Status Failure Indicator) for SCMG messages in the SIO (Service Information Octet) MTP3 screen set is set to "Discard (Failed)".
- **Proxy Point Code:** vSTP to home network and replacing direct connect links to a foreign network, a method must be available for seamless migration. At present, if the home network migrates links from direct connect to the vSTP, the foreign network must change the APC from the original node to the vSTP Self Point Code. For more information, see *Oracle Communications Diameter Signaling Router Virtual Signaling Transfer Point User Guide*.
- **Support to Translation Type Mapping:** The Translation Type Mapping feature enhances the functionality of the vSTP by allowing the standardized translation type code values for internetwork applications to be mapped to intranetwork values used within any particular network as well as intranetwork values to be mapped to internetwork values. For more information, see *Oracle Communications Diameter Signaling Router Virtual Signaling Transfer Point User Guide*.
- **Point Code and CIC Translation (PCT):** The feature enables vSTP to change the DPC, OPC, or CIC of an MTP routed message. This provides vSTP the capability to emulate a point code using other nodes in its network. For more information, see *Oracle Communications Diameter Signaling Router Virtual Signaling Transfer Point User Guide*.
- **DNS/ENUM query Load balancer support:** Introduced load balancer for all queries over vENUM servers in the same server group. Queries are load balanced in a round robin manner, which indiscriminately sends each query to the next server that is up. For more information, see *Oracle Communications Diameter Signaling Router ENUM User Guide*.
- **MNP Capacity of 600-700Mn in vSTP to support India MNP:** This enhancement helps users to enhance from DSR 9.1 or UDR 14.1 onwards, UDR capacity for MNP, ENUM, and MNP+ENUM use cases is enhanced to support 700M subscriber. For more information see, *Oracle Communications User Data Repository Installation Guide* (Appendix G).

3.1.3 VNFM Features

The following VNFM features and enhancements are implemented in release 9.1.0.0.0:

- **Instantiating the IDIH VNF (VNFM - V1) :** Instantiating the IDIH VNF (VNFM - V1) supports the dynamic and fixed IP deployment model. In order to start IDIH deployment, it is required to instantiate a Signaling VNF. For more information, see *Oracle Communications Virtual Network Functions Manager Installation and User Guide*.
- **Increase Compliance to ETSI SOL003 - Life Cycle Operations - Query Subscription Information (VNFM V2):** This enhancement helps users to subscribe to notifications

related to VNF lifecycle management. For more information, see *Oracle Communications Virtual Network Functions Manager Installation and User Guide*.

3.1.4 IDIH Features

Enhanced IDIH 9.1 provides a refresh to the architecture of old version while retaining all of its core feature functionality. The architecture brings in latest technology and also provides enhanced User Experience.

3.1.5 UDR Features

The following UDR feature is implemented in release 14.1.0.0.0:

- **Enhanced Mobile Number Portability (MNP) Database Capacity** To support the migration from Eagle-STP based MNP to vSTP-UDR based MNP solutions, UDR now supports a subscriber database size of up to 700 million entries. The previous UDR capacity supported up to 250 million subscribers. From UDR release 14.1.0.0.0, the MNP database on UDR supports up to 700 million subscribers for the following deployment sub-categories:
 - MNP
 - ENUM
 - MNP+ENUM

The following are the resource requirement:

Table 3-1 Resource Requirement

	vCPUs		RAM(GB)			Storage(GB)			
	MNP	ENUM	MNP+E NUM	MNP	ENUM	MNP+E NUM	MNP	ENUM	
UDR	32	32	32	350	550	700	1200	2000	2440

4

Media and Documentation

Oracle Communications software is available for electronic download on the Oracle Software Delivery Cloud (OSDC). Documentation is delivered electronically on the Oracle Help Center (OHC). Both the software Media Pack and Documentation Pack are listed in this chapter.

4.1 Media Pack

All components available for download from the Oracle Software Delivery Cloud (<https://edelivery.oracle.com/>) are in the following Media Pack contents tables.

Note

This list is accurate at the time of release but is subject to change. See the [Oracle Software Delivery Cloud](#) website for the latest information.

4.1.1 DSR Release 9.1.0.1.0

Table 4-1 Media Pack Contents for DSR 9.1.0.1.0

Part Number	Description
V1054781-01	Oracle Communications Diameter Signaling Router 9.1.0.1.0-100.21.0 OVA
V1054782-01	Oracle Communications Diameter Signaling Router 9.1.0.1.0-100.21.0 DIU ISO
V1054783-01	Oracle Communications Diameter Signaling Router 9.1.0.1.0-100.21.0 QCOW2
V1054784-01	Oracle Communications Diameter Signaling Router, Full Address Resolution 9.1.0.1.0-100.21.0 OVA
V1054785-01	Oracle Communications Diameter Signaling Router, Full Address Resolution 9.1.0.1.0-100.21.0 DIU ISO
V1054786-01	Oracle Communications Diameter Signaling Router, Full Address Resolution 9.1.0.1.0-100.21.0 QCOW2
V1054787-01	Oracle Communications Diameter Signaling Router Diameter Security Application 9.1.0.1.0-100.21.0
V1054788-01	Oracle Communications Diameter Signaling Router Steering Of Roaming Application 9.1.0.1.0-100.21.0
V1054789-01	Oracle Communications Diameter Signaling Router Zero Balance Application 9.1.0.1.0-100.21.0
V1054790-01	Oracle Communications Diameter Signaling Router Rx ShUDR Application 9.1.0.1.0-100.21.0
V1054791-01	Oracle Communications Diameter Signaling Router 9.1.0.1.0-100.21.0 MIBs
V1054792-01	Tekelec Platform Distribution 8.0.0.0.0-90.20.0 OL7 DIU ISO

4.2 Load Lineup

This section provides information about supported services and ATS for this release.

4.2.1 DSR Release 9.1.0.1.0

DSR Release 9.1.0.1.0 contains the following components:

- Application Lineup
 - DSR: 9.1.0.1.0-100.21.0
 - SDS: 9.1.0.1.0_100.21.0
 - VNFM: 6.1.0.0.0_61.3.12
 - ATS: 9.1.0.0.0-1.0.15
 - UDR: 14.1.0.0.0_114.32.0
 - IDIH: 9.1.0.0.0
- Platform Lineup
 - TPD: 8.10.1.9.0-150.20.0
 - gSOAP: 2.8.134
 - Comcol: 8.1.0.24.0-14259
 - Appw: 9.9.1-100.17.0
 - Exgs: 9.9.1-100.17.0

UDR Release 14.1.0.0.0

UDR Release 14.1.0.0.0 contains the following components:

- Application Lineup
 - UDR: 14.1.0.0.0-114.32.0
- Platform Lineup
 - TPD: 8.10.1.1.0_150.4.0
 - Comcol: 8.1.0.4.0-14244
 - Appw: 9.9.1-100.13.0
 - Exgs: 9.9.1-100.13.0
 - DPI: 9.1.0.0.0_100.16.0

4.3 Documentation Pack

All documents are available for download from the [Oracle Help Center \(OHC\)](#) site.

Table 4-2 Documentation Pack Contents

Release Notes and Licensing Information User Manuals Document Set
Release Notes
Licensing Information User Manual

Table 4-2 (Cont.) Documentation Pack Contents

DSR Planning, Installation, Upgrade, and Disaster Recovery Document Set
DSR Feature Guide
DSR/SDS NOAM Failover User Guide
DCA Feature Activation Procedure
DTLS Feature Activation Procedure
FABR Feature Activation Procedure
Mediation Feature Activation Procedure
PCA Feature Activation Procedure
RBAR Feature Activation Procedure
DSR Network Impact Report
DSR NIR MEALS Data
DSR Security Guide
DSA with UDR User Guide
DSR Security App Using Mediation Example Procedure
Zero Balance Application User Guide
Diameter Signaling Router Rx ShUDR Application User Guide
DSR VM Placement and CPU Socket Pinning Tool
DSR Compliance Matrix
Cloud Installation and Upgrade Document Set
DSR Cloud Installation Guide
DSR Cloud Software Upgrade User Guide
DSR BareMetal to Cloud Migration Guide
DSR Cloud Disaster Recovery Guide
DSR Automated Test Suite (ATS) Installation and User Guide
DSR VNFM Installation and User Guide
VNFM HEAT Templates
DSR Cloud Benchmarking Guide
SDS Cloud Installation Guide
SDS Cloud Disaster Recovery Guide
Diameter Signaling Router Core Document Set
DSR Getting Started
Operation, Administration, and Maintenance (OAM) User Guide
Diameter User Guide
MMI API Specification
Communication Agent User Guide
Policy Charging Application User Guide
Mediation User Guide
Range Based Address Resolution (RBAR) User Guide
Full Address Based Resolution (FABR) User Guide
Subscriber Binding Repository (SBR) User Guide
IP Front End (IPFE) User Guide
Diameter Common User Guide
Equipment Identity Register User Guide
Diameter Custom Application (DCA) User Guide

Table 4-2 (Cont.) Documentation Pack Contents

Diameter Custom Application (DCA) Programmer Guide
Roaming Steering Application User Guide
RADIUS User Guide
vSTP User Manual
vSTP Heat Template
vSTP SS7 Security User Guide
vSTP eLYNX Card Installation Guide
ENUM User Guide
ENUM Heat Template
Mobile Number Portability (MNP) User Guide
TIF User Guide
Alarms and KPIs Reference
Measurements Reference
Glossary
Related Publications Reference
Subscriber Data Server Document Set
SDS Getting Started
SDS User Guide
SDS Provisioning Interface Guide
SDS Software Upgrade Procedure
SDS BareMetal to Cloud Migration Guide
UDR Installation, Upgrade, and Disaster Recovery Document Set
UDR Cloud Installation and Configuration Guide
UDR Cloud Disaster Recovery Guide
Provisioning Gateway Installation Guide
UDR Heat Templates
Provisioning Gateway Heat Templates
UDR SOAP Provisioning Interface Specification
UDR REST Provisioning Interface Specification
UDR Bulk Import/Export File Specification
UDR Provisioning Database Application and Interface Specification
Integrated Diameter Intelligence Hub (IDIH) Document Set
IDIH Release Notes
IDIH User Guide

4.4 DSR Security Test Summary

Table 4-3 Security Test Summary

Security Test Description	Test Completion Date	Summary
Static Source Code Analysis Assesses adherence to common secure coding standards	30th December 2025	All Critical findings addressed.

Table 4-3 (Cont.) Security Test Summary

Security Test Description	Test Completion Date	Summary
Dynamic Analysis (including fuzz testing) Tests for risk of common attack vectors such as OWASP Top 10 and SANS 25	19th November 2025	All Critical and High findings addressed.
Vulnerability Scans for CVEs in embedded 3rd party components	29th December 2025	All Critical and High findings addressed.
Malware Scans Scans all deliverable software packages for the presence of known malware	22nd January 2026	No findings

5

Supported Upgrade and Migration Paths

This release has been tested for an upgrade and migration from specific prior releases. This chapter contains the exact paths for the upgrade and migration. Verify that your current installed release is listed on a valid upgrade and migration path.

The possible upgrade paths to DSR Release 9.1.0.0.0 are listed in the following table:

Table 5-1 Supported Upgrade Paths

Component	From	To
DSR	9.0.1.0.0, 9.0.2.0.0, 9.0.2.1.0	9.1.0.0.0
SDS	9.0.1.0.0, 9.0.2.0.0, 9.0.2.1.0	9.1.0.0.0
IDIH	NA	9.1.0.0.0 Note: <ul style="list-style-type: none">• IDIH 9.1.0.0.0 supports only fresh installation.• IDIH 9.1 needs different flavour VMs and require additional resources as compared to the older IDIH.
vSTP	9.0.1.0.0, 9.0.2.0.0, 9.0.2.1.0	9.1.0.0.0
UDR	14.0.0.0.0, 14.0.1.0.0, 14.0.1.0.1, 14.0.2.0.0	14.1.0.0.0

① Note

- For more information about IDIH see, *Oracle Communications IDIH User Guide*.
- Any upgrade other than those listed above is not recommended or supported. Version 9.0.X.0.0 is supported as a new or fresh installation.
- VEDSR is not supported from DSR Release 8.3 onwards.
- Diameter Security Application (DSA) with Universal-SBR (USBR) application is not supported from DSR Release 8.4.0.5.0. Customers using this application must not upgrade DSR software to DSR 8.4.0.5.0 release and must migrate to DSA with UDR based application.
- Zero Balance Application with USBR and Steering of Roaming (SOR) with USBR are not supported from DSR Release 8.4.0.5.0 and later. Customers using these applications must not upgrade the DSR software to DSR 8.4.0.5.0 or a later release and must migrate to ZBA with UDR and SOR with UDR based applications.

6

Deprecated Software and Features

The following software element is not compatible with DSR 9.0.0.0.0 and later:

- SCEF

Note

Baremetal is not supported from DSR 9.0.0.0.0.

The following features are deprecated from 8.4.0.5 and later:

- DSA with USBR
- ZBA with USBR
- SOR with USBR

The following software elements are not compatible with DSR 8.4 and later:

- DAMP Active-Standby Configuration
- GLA
- MAP Diameter Interworking

Virtualized Engineered DSR (VEDSR) deployment, also known as TVOE based Fully Virtualized Rack Mount Server (FV RMS) Signaling node, is not supported from DSR 8.3 and later. The following are the non-supported network elements of Virtualized Engineered DSR (VEDSR):

- DSR NOAM
- DSR SOAM
- DSR Message Processors (MP)
- SS7 MP
- DSR IPFE
- DSR SBR (Session or Binding or Universal)
- SDS NOAM
- SDS SOAM
- SDS QS
- SDS DP

Virtualized Engineered DSR (VEDSR) networks and associated elements need to be migrated to virtual DSR implementation based on KVM with or without OpenStack or VMware prior to DSR 8.3 or 8.4.x upgrade or install.

7

Resolved and Known Bugs

This chapter lists the resolved and known bugs for DSR.

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.

7.1 Severity Definitions

The problem report sections in this document refer to bug severity levels. Definitions of these levels can be found in the publication, *TL 9000 Quality Management System Measurement Handbook*.

Problem Report

A report from a customer or on behalf of the customer concerning a product or process defect requesting an investigation of the issue and a resolution to remove the cause. The report may be issued through any medium.

Problem reports are systemic deficiencies with hardware, software, documentation, delivery, billing, invoicing, servicing, or any other process involved with the acquisition, operation, or performance of a product. An incident reported to request help to bring back the service or functionality to normal without the intent to investigate and provide a resolution to the cause of the incident is not a problem report.

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 as follows:

1. 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

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.

Network Software Support & Sustaining Support, please see the Oracle Communications Network Premier & Sustaining Support and Oracle Communications Network Software Support & Sustaining Support sections above.

2. 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.
3. Severity 3 - You experience a minor loss of service. The impact is an inconvenience, which may require a workaround to restore functionality.
4. 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.

7.2 Resolved Bug List

This sections lists all resolved bugs for DSR, vSTP, and VNFM in this release.

7.2.1 DSR

Release 9.1.0.1.0

The following table lists the resolved bugs in DSR 9.1.0.1.0 release.

Table 7-1 DSR 9.1.0.1.0 Resolved bugs

Bug Number	Severity	Found in Release	Title
38402519	3	9.1.0.0.0	Observing "Process Resources Exceeded" for apwSoapServer in multiple DRA
38771865	3	9.1.0.0.0	DSR 9.1.0.0.0-100.17.0 Event history in Exported CSV file does not have all the Events
38746572	3	8.6.0.0.0	SDS - Excessive Shared Memory - alarm event 31116
38467506	3	8.6.0.0.0	Bug - [9_1_0]DSR PTR Queue measurement value showing junk value at the time of high traffic and leading to intermittent crash of dsr process
38828341	3	9.1.0.0.0	[9.1] 3002: Getting Unable to deliver for the binded IMSI and Replication Audit not completing for Spare SBR after rebooting Active SBR
38921198	3	9.1.0.0.0	[9.1] Upgrade section 7.2 needs to be updated for /usr partition size availability
38827316	4	9.0.1.0.0	DSR 9.1 IDIH shows duplicate MPs & is missing others
38826580	4	9.2.0.0.0	[Rel 9.1] Issue in SFTP User Creation

7.2.2 vSTP

Release 9.1.0.1.0

The following table lists the resolved bugs in vSTP 9.1.0.1.0 release.

Table 7-2 vSTP Resolved Bugs

Bug Number	Severity	Found in Release	Title
37334515	2	9.0.2.0.0	Cat 2 SCPVAL does not work with test mode ON in cases when SCPVAL is applied midway between GTT sets
37503220	3	9.0.2.0.0	vSTP is not sending SRI for the MO forwardSM
37381316	3	9.0.2.0.0	VSTP SMS Home Reroute - for the SRI SM sent by vSTP, HLR is sending aborts with reason: "application-context-name-not-supported"
38411674	3	9.1.0.0.0	GTT Action testmode ON, SCPVAL FAILED but Skipped
38451919	3	9.1.0.0.0	SSP generated in response to Data packet for unconfigured SCCP Application
37466616	3	9.1.0.0.0	"VSTP Link Usage" export not working
37589856	3	9.1.0.0.0	Traceoam boot issue merge on 9.1 for future build if required
38686950	3	9.1.0.0.0 and 9.2.0.0.0	vSTP_SFAPP:Invalid xml sent to udr when MSISDN is updated with VLR
38697505	3	9.1.0.0.0	vSTP Process restarting in SCCP_Validation
37343731	4	9.0.2.0.0	SSP generated in response to Data packet for unconfigured SCCP Application
38541850	4	9.1.0.0.0	Exported CSV of GttActions is showing no value under Default Id and Fail Act Id

7.2.3 VNFМ

Release 6.1.0.0.0

The following table lists the resolved bugs in VNFМ 6.1.0.0.0 release.

Table 7-3 VNFМ 6.1.0.0.0 Resolved Bugs

Bug Number	Severity	Found in Release	Title
36748037	4	9.0	Section 11.5 needs to be added to DSR Security Guide
37258661	4	9.1	Third Party Library Upliftment For VNFМ

7.2.4 IDIH

Release 9.1.0.0.0

There are no resolved bugs for the release.

7.2.5 UDR

Release 14.1.0.0.0

The following table lists the resolved bugs in UDR 14.1.0.0.0 release.

Table 7-4 UDR 14.1.0.0.0 Resolved Bugs

Bug Number	Severity	Found in Release	Title
38462908	2	14.1.0.0.0	Problem with MSISDN 000000000 in UDR Rel. 14.1.0.0.0-114.32.0 Note: This issue is fixed in 14.1.0.1.0_114.33.0 patch.
36526367	3	14.0.0.0.0	UDRNO-A hanging with late switchover

7.3 Known Bug List

The section lists the known bugs for DSR, vSTP, and VNFМ along with the associated customer impact statements.

7.3.1 DSR

Release 9.1.0.0.0

The following table lists the known bugs in DSR 9.1.0.0.0 release.

Table 7-5 Known Bugs

Bug Number	Severity	Found in Release	Title	Customer Impact
37473056	2	9.0.0.0.0	vDSR v9.1.0 Replication Audit not completing for Spare SBR after rebooting Active SBR	The SBR server switchover stops during audit. Workaround: There is no workaround available.
37475504	2	9.0.2.0.0_99.14.0	GUI Slowness observed for both NOAM & SOAM in DSR 9.0.2.0.0_99.14.0	The GUI runs slowly as the disk space on SOAM is full. Workaround: Guided customer to clear the disk space, post clearing, the GUI worked.
37765567	2	6.1.0.0.0_61.3.12	All the servers are not coming via VNFМ 6.1.0 , DSR version 9.0.1.1	A few C-Level servers failed to launch during the release of DSR 9.0.1.1.0. Deployment was done manually. Workaround: There is no workaround available.
36524008	3	9.0.2.0.0-99.13.0	DSR Traces showing Unkown Profile while using XLVM profile , MMI fixes for XLVM	MMI GET/PUT operations will not work for some of the MP profiles that is XLVM , 35K_MPS etc. Workaround: There is no workaround available.
37212776	3	9.0.1.0.1-98.16.0	Not able to open DSR SOAM & NOAM GUI	Unable to open DSR SOAM and NOAM GUI Workaround: In order to log in to SOAM and NOAM, WA must restart Comcol when the login attempt fails.

Table 7-5 (Cont.) Known Bugs

Bug Number	Severity	Found in Release	Title	Customer Impact
37355117	3	9.0.1.0-98.14.0	KPI Graph only scaling up 100	As the graph consistently displays values up to 100 but the MPS (Multimedia Priority Service) numbers are significantly higher than 100, the KPIs filter will not correctly display the graph for MPS statistics. Workaround: KPI (Key Performance Indicator) Graph is displayed properly with accurate scaling.
37373105	3	9.0.0.0.0	DSR Disaster Recovery Planning	Document cleanup Disaster Recovery Workaround: There is no workaround available.
37380237	3	9.0.1.0.1_98.16.0	IPFE issue ,Fix to handle duplicate live configurations iptables rules	Duplicate live configurations IP table rules. Workaround: The purpose of this update is to eliminate duplicate IP table rules and prevent race conditions that could affect configured rules and chains and result in IP tables restoration.
37460349	3	9.0.0.0.0	False Critical alarms for DA Leader process on wrong SOAM	False Critical alarms for DA Leader process on wrong SOAM Workaround: No functional impact. Alarm is not relevant since MPs and VSTP MPs are not part of topology. WA (Wide Area) already shared to clear the alarm.
37500262	3	9.0.0.0.0	[Rel 9.2] Advance Upgrade Health Check fails	Advance Upgrade Health Check fails and stops at 20% with an exception. Workaround: The advance upgrade Health Check will generate the required report.
37663915	3	9.0.2.0.0_99.14.0	remoteServerCleanup.sh script is not correctly executed in the SOAMs	Backup and measurement files that have been exported cannot be deleted, consuming up disk space. Workaround: There is no workaround available.
37727909	3	IDIH 9.1.0.0.22	IDIH Functionality issues post installing 9.1.0.0.22	Due to the cinder volume dependencies, VMs are not returning to a normal state when Mysql or Kafka VMs go down, and cinder volumes are not mounting. Workaround: There is no workaround available.
37781521	3	9.0.0.0.0	Upgrade getting Failed from version 8.6.0.1 to 9.0.1.1 on the Standby NOAM	1st HOP upgrade was failing for TPD version. Workaround: New TPD 8.0.0.0.0_90.19.1 is provided and fix for same is submitted in DSR 9.0.1.2.0.
37848613	3	9.0.1.0.0	[9.1] TSA MAX DAMP count from 16 to 32	Feature to upgrade from 16 IPs to 32 IPs done in 8.6 release, adding it back in 9.0.1.0.0. Workaround: There is no workaround available.

Table 7-5 (Cont.) Known Bugs

Bug Number	Severity	Found in Release	Title	Customer Impact
37171152	4	9.2.0.0 99.14	DCA Script Compilation Error	Customer getting DCA script compilation error alarm when enabling the TDC check for continent in DSA. Workaround: Issue resolved, alarm will clear, and DSA application will start.
37396728	4	8.6.0.2.1_ 110.15.1	DSR 9.0.1 ERROR: Birva inside reserversc size in NOAM upgrade log	No functional impact.
37502132	4	9.0.0.0.0	Upgrade document update for DSR 9.1	Upgrade document update for DSR 9.1. Workaround: The upgrade document is updated with resolution.
37520607	4	8.6.0.0.0	The Export File Transfer failure alarm (10104) does not provide Task ID in instance	The Export File Transfer failure alarm (10104) does not provide Task ID in instance. Users insist TaskId to be part of GUI display. Workaround: TaskId is displayed along with manual clearing of alarm upon next successful export.
37581533	4	8.6.0.3.0	Documentation bug to address FQDN validation change	Single word FQDN/Realm not supported. Workaround: There is no workaround available.

7.3.2 vSTP

Release 9.1.0.0.0

There are no known bugs for this release.

7.3.3 VNFM

Release 6.1.0.0.0

There are no known bugs for this release.

7.3.4 IDIH

Release 9.1.0.0.0

There are no known bugs for this release.

7.3.5 UDR

Release 14.1.0.0.0

There are no known bugs for this release.