**Oracle® Communications
DSR Release 8.0/8.0.1**

Release Notice

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ORACLE®

DSR Release 8.0/8.0.1 Release Notice

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Chapter 1: Introduction

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Revision History

This Release Notice includes feature descriptions, supported hardware baseline, and media and documentation pack contents, and identifies the supported upgrade paths. This document also includes listings for both the resolved and known bugs for this release. Directions for accessing key Oracles sites and services are also identified in the Oracle References and Services chapter.

Release Notices are included in the documentation pack made available with every software release.

DSR 8.0/8.0.1 Introduction

The Oracle Communications Diameter Signaling Router (DSR) product is positioned to address the Telecom Operator market's need for Diameter routing functions in 3G and 4G networks. Operators are adapting Diameter protocol in migration to LTE converged 3G and 4G networks. DSR 8.0.0 is not a launch of a new product, but rather introduces new functionality to the DSR product, which is separately chargeable to new and existing customers. The release also includes feature constant updates. DSR 8.0.0 introduces Core Routing VI as chargeable features.

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.

Revision History

Date	Revision	Description
04/11/2017	01	Initial release for DSR 8.0 GA
04/27/2017	02	Added bug number to Feature Descriptions
06/05/2017	03	Added DSR 8.0.1 Information

Chapter 2:
Feature Descriptions

Topics:

This chapter provides a summary of each feature release in DSR 8.0.

Machine to Machine Interface (25484582)

RESTful Machine to Machine (MMI) provides a new DSR interface. Resources supported include the Administration, Topology, Monitoring, and Diameter. API documentation can be accessed by going to http://docs.oracle.com/cd/E76907_01/docs.80/E81904_rev_01.zip to download the ZIP file and accessing the html/mmi.html inside the ZIP file.

Custom Application Framework (CAF), Roaming Steering and Zero Balance Offload (19689230, 21960600, 19083635, 20353236)

DSR implements a Custom Application Framework, which enables Oracle and customer Research and Development teams to rapidly develop and deploy new Diameter applications on top of DSR without requiring a new DSR software release.

One of the first features using this new framework is the Roaming Steering application. This application allows Mobile Network Operators (MNOs) to manage their roaming business with an application that selects the less expensive visited networks for their outbound roamer subscribers when they are travelling outside of their country.

The second application is the Zero Balance Offload. It offloads "zero balance" charging traffic from the OCS by detecting/blocking traffic for subscribers with zero balance during a preconfigured interval.

SDS Provisioning Log Export (19727450)

Increase the System ID field to accommodate a full FQDN, which can go up to 256 characters. The GUI interface supports the frequency choices available in APDE for Measurements, Alarms and Events. The log tracks transactions and changes and not subscribers, basically increasing the database table size, filters, and storage limitations.

SDS Connection System ID Field Enhancements (22185058)

The SDS provisioning connection system ID field has been increased to allow up to 256 characters.

16 Signaling VLAN Support and VE-DSR Automated VM Creation (20570039)

The system can now support up to 16 VLANS, which allow the product to communicate internally with the NOAM.

Nested Routing and Screening (23147209)

Improves the routing and screening rule-building by simplifying the current process. This enhancement requires adding the ability to select and ART/PRT within an ART/PRT rule as an action.

Reroute Alarm (24011366, 20323447)

DSR generates two alarms per MP and helps re-route a message when it is caught in a loop.

SNMP Manager Trap to Include IP Address (22522359)

IP address information in a trap is sent to the SNMP manager.

Listen Port Update for Peer Node (19090512)

The ability to not specify a Listen Port on Peer Nodes that initiate connections into the DSR to provide more flexibility.

Support More Than 20 Routing Option Sets (21067704)

DSR support between 30 and 50 routing option sets with no change to performance.

FABR and RBAR Enhancements (19113207, 19113206)

Full Address Based Resolution (FABR) and Range Based Address (RBAR) Resolution can extract IMSI and MSISDN from the User-Identified grouped APV and MSISDN AVP when present at the base level in the message. Both applications can support and decode MSISDN from the username AVP. This includes support for MSISDN AVP at the base level in FABR and RBAR.

PCRF Pooling Modes (23700803, 23264107)

Enables the PDRA pooling capabilities to revert back to the pre-DSR 6.0 behavior before the architecture change.

Oracle Virtual Machine Cloud Support (19107463)

OVM is a supported hypervisor on DSR.

Multiple Export Server Destinations (20354454)

You can configure five export servers from the DSR platform to make data collection and configuration easier.

Mediation Support for 2000 Counters (23594176)

DSR Mediation now supports 2000 counters that can be used for measurements based on message content. These counters literally count the "pegs" or amount of times a mediation rule/capability is used.

Automated Site Upgrade (191099495)

The ability to upgrade a complete DSR site using a single GUI action.

250K+ MPS on Cloud Deployable DSR (24667572, 20611483)

DSR supports 250K+ on its Rack Mount Server solution and while using VMware, KVM, or OVM as a hypervisor.

Firewall Feature (20834837)

The DSR firewall feature establishes an IP layer firewall at the MPs based on the network configuration details established when you provision the Diameter network parameters in the DSR. Using that network information about Diameter peers, the firewall is automatically enabled to restrict Diameter traffic to/from those peers that are provisioned. All other Diameter traffic is blocked.

When any changes to the Diameter network provisioning are made, the firewall rules are automatically globally propagated.

Chapter 3:
DSR Release 8.0/8.0.1 Media and Documentation

Topics:

Media Pack
Load Line Up
Documentation Pack

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.

Media Pack

All components available for download from the Oracle Software Delivery Cloud (https://edelivery.oracle.com/) are in Table 1: Media Pack Contents.

Note: This list is accurate at the time of release but is subject to change. See the Oracle software delivery website for the latest information.

Table 1: Media Pack Contents

Part Number	Description
V138361-01	Oracle Communications Tekelec Virtual Operating Environment 3.0.3.0.0_86.45.0 (ISO and USB images)

Load Line Up

DSR 8.0/8.0.1 contains the following components:

- Application Lineup

  - DSR 8.0.0.0.0-80.25.0
  - DSR 8.0.1.0.0-80.28.0
  - IDIH 8.0.0.0-80.25.0
  - SDS 8.0.0.0.0-80.25.0

- Platform Linup

  - TPD 7.4.0.0.0-88.37.0 (DSR/SDS/IDIH/PMAC Baseline; Oracle Linux 6.8)
  - TVOE 3.4.0.0.0-88.37.0
  - PMAC 6.4.0.0.0-64.8.0
  - Comcol 7.3.0.36.0-13500
  - Appworks 7.2.0-72.58.0
  - Exgstack 8.0.0-80.25.0
  - Oracle FW 3.1.7 (minimum)
  - HP FW 2.2.10 (minimum)

Documentation Pack

All documents available for download from the Oracle Help Center (OHC) site (http://docs.oracle.com/en/industries/communications/) are listed in Table 2: Documentation Pack Contents.

Note: This list is accurate at the time of release, but it is subject to change. See the Oracle Help Center for the latest information.

Table 2: Documentation Pack Contents

Release Notices and Licensing Information User Manuals
DSR 8.0/8.0.1 Release Notice
DSR 8.0 Licensing Information User Manual
DSR Planning, Installation, Upgrade, and Disaster Recovery
Feature Guide
Planning Guide
DSR Hardware and Software Installation Procedure 1/2
DSR Software Installation and Configuration Procedure 2/2
DSR Software Upgrade Guide
DSR Rack Mount Server Installation Guide
DSR Rack Mount Server Disaster Recovery Guide
DSR C-Class Hardware and Software Installation Procedure 1/2
DSR Disaster Recovery Guide
DSR/SDS 8.0 NOAM Failover Guide
DSR VM Placement and CPU Socket Pinning Tool
GLA Feature Activation Procedure
Mediation Feature Activation Procedure
PCA Feature Activation Procedure
FABR Feature Activation Procedure
RBAR Feature Activation Procedure
MAP-Diameter Feature Activation Procedure
DTLS Feature Activation Procedure
DSR Network Impact Report
IPv6 Migration Guide
DSR Network Impact Report
DSR Security Guide
DSR Security App Using Mediation Example Procedure
Zero Balance Application User's Guide
Cloud Installation and Upgrade
DSR Cloud Installation Guide
DSR Cloud Benchmarking Guide
DSR Cloud Disaster Recovery Guide

SDS Cloud Installation Guide
SDS Cloud Software Upgrade Guide
SDS Cloud Disaster Recovery Guide
Diameter Signaling Router Core Document Set
DSR Getting Started
Operation, Administration, and Maintenance (OAM) User's Guide
Communication Agent User's Guide
Hardware Documentation Roadmap Reference
Policy and Charging Application (PCA) User's Guide
Diameter User's Guide
MMI API Specification
Mediation User's Guide
Range Based Address Resolution (RBAR) User's Guide
Full Address Based Resolution (FABR) User's Guide
Session Binding Repository (SBR) User's Guide
IP Front End (IPFE) User's Guide
Diameter Common User's Guide
MAP-Diameter IWF User's Guide
RADIUS User's Guide
SS7/SIGTRAN User's Guide
Transport Manager User's Guide
Gateway Location Application (GLA) User's Guide
Diameter Custom Application (DCA) Programmer's Guide
Diameter Custom Application (DCA) User's Guide
Diameter Custom Application (DCA) Steering of Roaming User's Guide
Related Publications Reference
Measurements Reference
Alarms and KPIs Reference
DSR Compliance Matrix

Subscriber Data Server Document Set
SDS Getting Started
SDS User's Guide
SDS Provisioning Interface
SDS Alarms, KPIs, and Measurements
SDS Initial Installation and Configuration Guide
SDS Software Upgrade Procedure
SDS Disaster Recovery Guide
Integrated Diameter Intelligence Hub (IDIH) Document Set
IDIH User's Guide
IDIH Audit Viewer Administrator's Guide
IDIH Alarm Forwarding Administrator's Guide
IDIH Operations, Administration and Maintenance Administrator's Guide
IDIH ProTrace User's Guide
IDIH System Alarms User's Guide
IDIH Log Viewer Administrator's Guide

Chapter 4:
Supported Hardware Baseline

Topics:

Supported Hardware Baseline

The Hardware identified in Table 3: Supported Hardware Baseline comprises the hardware and server versions that have been verified with this release.

Supported Hardware Baseline

Table 3: Supported Hardware Baseline

Hardware	Description
HP Gen8	Intel Sandy Bridge CPU-based dual-socket blades and rack mount servers manufactured by HP
HP Gen9	Intel Haswell CPU-based dual-socket blades and rack mount servers manufactured by HP
Netra X5-2	Intel Haswell CPU-based dual-socket rack mount servers manufactured by Oracle
Oracle X5-2	Intel Haswell CPU-based dual-socket rack mount servers manufactured by Oracle
Oracle X6-2	Intel Haswell CPU-based dual-socket rack mount servers manufactured by Oracle

Chapter 5:
Firmware Components

Topics:

    Oracle Firmware Upgrade Pack

The firmware components are software that is installed on the hardware. These components are listed in this chapter and are also listed in the Firmware Release Notice. Please refer to the latest Firmware Release Notice for any updates to this list.

Oracle Firmware Upgrade Pack

The *Oracle Firmware Upgrade Pack Release Notes 3.1.7* lists the firmware versions approved for this Oracle Firmware Upgrade Pack release to assist customers with upgrading their Oracle hardware. Also, additional instructions and guidance on the firmware upgrades have been provided where possible.

The Release Notes are available on Oracle Help Center (OHC) at
http://docs.oracle.com/cd/E66333_01/index.htm.

Chapter 6:
DSR Release 8.0 Supported Upgrade Paths

Topics:

    Supported Upgrade Paths

This release has been tested for upgrade from specific prior releases. This chapter contains the exact paths for upgrade. Please verify your current installed release is listed on a valid upgrade path.

Supported Upgrade Paths

The possible upgrade paths to DSR Release 8.0 are listed Table 4.

Table 4: DSR Release 8.0 Upgrade Paths

Component	From	To
DSR	6.0.x, 7.0.x,.7.1.x, 7.2.x, 7.3.x, 7.4.x	8.0
SDS	5.0.x, 7.1.x, 7.2.x, 7.3.x, 7.4.x	8.0
iDIH	6.0.x, 7.0.x,.7.1.x, 7.2.x, 7.3.x, 7.4.x	7.1

Note: Any upgrade other than listed above is not recommended or supported. Version 8.0 is also supported as a new or fresh installation.

Chapter 7:
DSR Release 8.0/8.0.1 Resolved and Known Bugs

Topics:

Severity Definitions
Resolved Bug List
Customer Known Bug List

This chapter lists the resolved and known bugs for DSR release 8.0/8.0.1.

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

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 via 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 simply 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.

1. **Critical**: Conditions that severely affect the primary functionality of the product and because of the business impact to the customer requires non-stop immediate corrective action regardless of time of day, or day of the week as viewed by a customer on discussion with the organization such as:

    - Product inoperability (total or partial outage),
    - A reduction in the capacity capability, that is, traffic/data handling capability, such that expected loads cannot be handled,
    - Any loss of emergency capability (for example, emergency 911 calls), or
    - Safety hazard or risk of security breach.

2. **Major**: Product is usable, but a condition exists that seriously degrades the product operation, maintenance, or administration, etc., and requires attention during pre-defined standard hours to resolve the situation.

    The urgency is less than in critical situations because of a less immediate or impending effect on product performance, customers, and the customer's operation and revenue such as:

    - Reduction in product's capacity (but still able to handle the expected load),
    - Any loss of administrative or maintenance visibility of the product and/or diagnostic capability,
    - Repeated degradation of an essential component or function, or
    - Degradation of the product's ability to provide any required notification of malfunction.

3. **Minor**: Other problems of a lesser severity than "critical" or "major" such as conditions that have little or no impairment on the function of the system.

The numbered severity levels in the tables below correspond to these definitions of 1–Critical, 2–Major, or 3–Minor.

Resolved Bug List

Table 5: DSR Release 8.0 Resolved Bugs lists bugs resolved in this release.

Table 5: DSR Release 8.0 Resolved Bugs

Bug Number	Severity	Found Release	Title
22227178	2	7.1	[711MR] inetrep abterm in TmOutgoingChannel::id()
23077146	2	7.0	OOS or ACT MP network flapping can cause DSR proc restarts on rest of cluster
23515808	2	7.1	Diameter Traffic flooding on XSIs of all VMs sharing same host
24461722	2	7.3	Selected the "Prepare" button, Cannot "Cancel" the operation, it's timing out.
24655017	2	7.1	Wrong Pending Answer Timer Used by DSR
24719252	2	7.1	[PDRA:RelRar] Session SBRs unexpectedly stop sending Release-RARs
25202889	2	7.1	MAP-Diameter IWF fails to include authenticationSetList parameters in of AIA cau
25596984	2	7.2	Thread Watchdog Failure results in apwSoapServer process restart and an abterm
19112623	3	5.1	[236264][POOL] GUI:Failed to edit the group 'admin' permission on GUI
19112703	3	4.1	[236326]During server configuration operations, inetmerge fails to release RAM that is no longer needed
19117443	3	5.1	[239988]Replication failure on standby server is also causing the replication failure to spare server because of replication barrier
19638376	3	7.0	SBR servers taking more than 1 sec to switchover, too slow
19679676	3	5.1	PSBR KPIs displayed on NO and PDRA servers
20757294	3	3.0	GUI don't allow 2 LocalNodes to have conn with the same PeerNode and diff mode
20860701	3	7.4	Inaccuracy and incompleteness of system constraints in customer documentations
21803930	3	5.1	MP->SO links in AuditWait state waiting for SO->NO link audit completion
22111284	3	7.2	DSR GUI - CEX Cfg Set Insert show bad error msg
22306417	3	7.2	[PDRA] Session Audit Report "Records Removed due to Policy Client Query Results"

Bug Number	Severity	Found Release	Title
22658869	3	7.2	BIE - A scoped application 'Sbr' is showing in 'Export Application' drpdown list
22850342	3	7.2	SDS Query screen SOAP call needs to be compatible for releases 7.2, 7,1 and 5.0
23092341	3	7.2	Buttons on view screens is not working on single click for all screen in IE9-10
23254137	3	7.2	Path manipulation in deleteFilesFromFileManagementArea allows any deletion
23261786	3	7.3	WCAG 1.3.1, 1.3.2, & 2.1.1 - Connection Cfg Sets sequence, JAWS reads 1st column
23267849	3	7.2	DOIC: SQL error when TTG inserted with no DA-MP server groups configured.
23308942	3	7.1	Update OpenSSH to version 7.0
23487754	3	7.0	Large Measurement report compilation can fail due to insufficient space in /var
23535461	3	7.3	Update php-pecl-runkit to version 1.0.4
23709875	3	7.3	[Cloud] Ss7TunePerfParams table need to be enhanced with values for VMWARE
23714894	3	7.1	No validation for empty places in PA configured as target DB in Migration Plan
24006498	3	8.0	SBR GUI scripts are directly accessing HA internal tables instead of SOAP APIs
24338594	3	7.1	PDRA Option screen exported CSV file has extra field.
24454280	3	7.3	An error occurred during a SBR database operation. "SBR Database Error"
24491339	3	7.2	[ISBR:GrpAdmin] Cannot disable group's Manage permissions on SBR Maint. screens
24566310	3	7.3	Diameter connections re-establishment may be delayed
24581481	3	7.3	Initiator connections do not reconnect if initial connect attempt fails
24588860	3	7.0	DSR wrongly rejects Diameter Request with "No peer routing rule found"
24605283	3	7.2	Change in alarm throttling time and auto clear interval is not taking effect
24696060	3	7.3	[ISBR:SgVal] MP Server Group Validators are not enforced

Bug Number	Severity	Found Release	Title
24718650	3	7.1	[SbrRecon:Accel] User Accelerates from "Migration Started" without confirmation
24741971	3	7.1	PCA: SBR Reconfiguration Resource Provider Pane not reporting correctly.
24834251	3	7.3	Unable to add a server into the DAMP server group
25110492	3	7.0	ETG Monitoring stopped caused by SMS Service Degraded
25117967	3	7.3	GUI allowing two SBR Data Migration Plan with the same name
25260412	3	7.0	Once assigned, CEX Configuration Set cannot be deleted for a given connection
25451488	3	7.2	[MsgPri:MEALs] Inexistent Message Priority Measurement causes Export failures
25475079	3	7.2	[SBRAbort:UG] Missing SBR Abort confirmation dialog of an upgraded system
25492604	3	5.0	IPFE dropping diameter connections on restart
25636829	3	7.1	[ISBR:ReconMigr] dsroam abterm when completing last of multiple Migration Plans
25694210	3	7.1	SBR User's Guide needs an SBR Reconfiguration warning
20808102	4	8.0	CAnDID Feature Development
21424088	4	7.1	[DSR 7.1 ST] Diameter - Maintenance - DA-MPs GUI needs updating for IPFE I+R
21613805	4	7.2	CEX parameter exports zero instead of NULL data
21933076	4	7.0	Cannot modify the Appl Id or CC from a specific entry to a wildcard entry in Msg
21955953	4	7.1	Unable to delete SS7 MPs when group assigned to NOAM NE rather than SOAM NE
22078507	4	7.2	Peer Nodes Configuration GUI displays incorrect field indicators
22106371	4	8.0	SDS Provisioning Log Export
22295701	4	7.2	DSR Dashboard: Bulk Import Metric Group error text incorrect for error code 002
22306292	4	7.2	DSR GUI - Remove IPFE-specific wording from IPFE Conn Res Ing MPS Scaling desc
22351289	4	6.0	Failure to create 1 guest causes all the steps after it to fail in fdconfig

Bug Number	Severity	Found Release	Title
22361516	4	7.2	Green Info box doesn't properly display the list of LN on Conn Cfg Set GUI.
22568910	4	7.2	[BIE] AAA and CfgLevel should not be supported by BIE
22616950	4	7.2	[TPD] syscheck raises false alarm for ECC Memory errors
22850537	4	7.2	File name of exported file has the App name twice when ALL option is invoked
22910567	4	7.1	Some DSR config data not viewable in GUI for read-only users
22933509	4	8.0	[DSRFW] DSR Firewall feature implementation
22951982	4	7.2	SOAM: App ID name for NSN (UCTF) causes invalid syntax
22960135	4	7.3	MPCS can be selected while Message Priority Setting is None
22964920	4	7.2	Time of last update field not initialized in TTG maint. screen for shared TTG
23017309	4	7.1	Keep terminology of IPFE connections vs Floating connections consistent
23067312	4	7.3	Incorrect Name and Description for Abatement time
23083657	4	7.1	Space Inserted in Actual Hostname on Topology Hiding Screens
23106100	4	7.2	Peer Nodes GUI Form shouldn't label UDP Server Port as mandatory
23124057	4	7.0	DCL: Re-factor connection initiation
23124884	4	8.0	Replace Eclipse with Oracle Help.
23130283	4	7.2	Inconsistent Table Description
23137343	4	5.1	PDRA appworks validators code configures data which results in inconsistency
23175386	4	7.3	ACC: WCAG 2.0 - 1.4.1 - Links in cells need alternative indications
23184338	4	7.4	Drop 7:Remove title from Diameter, Diameter-Common, Radius and SBR Screens
23213598	4	7.3	CEX Parameters record edit changing Vendor ID value of wrong record
23213889	4	7.3	WCAG 3.2.4 - Insert/Edit column headers inconsistently named Field vs Attribute
23248216	4	8.0	SDS Connection System ID Field Enhancements

Bug Number	Severity	Found Release	Title
23250723	4	8.0	Update online help for SDS Connection System ID Field Enhancements
23251973	4	7.3	WCAG 2.0 - 1.4.3 Required field asterisks don't meet contrast
23252146	4	7.3	WCAG 1.4.4 - Tables not visible when Zoomed
23253594	4	7.3	WCAG 1.3.1, 2.4.6, & 3.3.2 - confusing duplicate labels in form
23259651	4	7.3	WCAG 3.3.2 & 3.3.3- Application Ids and Command Codes name field description
23261730	4	7.3	WCAG 3.2.3 - Connection Cfg Sets edit screen navigates to wrong tab
23269420	4	7.3	WCAG 1.4.4 Resize Text Loss of Scrollbars
23277068	4	7.3	WCAG 2.4.6, 1.1.1 Labels Missing from field
23283957	4	7.3	WCAG 3.3.3 Default Field Inconsistent Instructions
23284745	4	7.3	WCAG 3.3.2, 3.3.3 Protected Networks Instructions
23284848	4	7.3	WCAG 3.3.2, 3.3.3 Instruction Errors in Egress Throttle Lists Screens
23299062	4	7.3	WCAG 3.2.4 - Inconsistent default value for check boxes
23299490	4	7.3	WCAG 3.3.2 & 3.3.3 - Connection Configuration Sets Instruction
23306288	4	7.3	WCAG 3.2.4 - Consistent use of units
23306689	4	7.3	WCAG 3.3.3 Default Field Incorrect
23322897	4	7.3	WCAG 3.3.2 & 3.3.3 - Message Priority Configuration Set Description
23322934	4	7.3	WCAG 3.2.4 - Message Priority Cfg Set Msg Priority inconsistent field and header
23323274	4	7.3	WCAG 3.2.4 - Message Priority Cfg Set inconsistent Msg Priority Rule name
23323378	4	7.3	WCAG 3.3.2 & 3.3.4 - Message Priority Cfg Set consistent error identification
23330511	4	7.3	WCAG 3.3.2 - Message Copy Cfg sets updated description
23331586	4	7.3	WCAG 3.3.2 & 3.3.3 - Updated Rate Limiting Cfg Sets description
23478916	4	7.3	WCAG 2.4.2 - incorrect page titles
23478991	4	7.3	WCAG 2.1.1 - Unable to read complete value on drop down

Bug Number	Severity	Found Release	Title
23479178	4	7.3	WCAG 3.3.3: Diameter -> Configuration -> DNS Options Default/Range Missing
23484667	4	7.3	WCAG 3.3.3: DNS Sets [Insert/Edit] Screens Default/Range Missing
23484896	4	7.3	Diameter -> Configuration -> Local Nodes Cert Name field auto-deletes text
23485191	4	7.3	WCAG 1.3.1, 3.3.2, 3.3.3 : AVP Removal Lists Insert/Edit Screens
23490605	4	7.3	WCAG 1.3.1, 2.4.6, 3.3.3: Traffic Throttle Groups Labels and Descriptions
23491251	4	7.3	Traffic Throttle Points Instructions Errors
23491400	4	7.3	WCAG 3.3.2, 3.3.3 Routing Option Sets Insert/Edit Screens Instructions
23506073	4	7.3	[DSR 7.3 ST] Need consistency between KPI reporting
23516290	4	7.2	RAA with error 5002 not handled as per requirement
23522925	4	7.0	DSR per connection maintenance permission depends on config permission.
23535964	4	7.3	System Options: Alarm Threshold Options Accessibility
23536009	4	7.3	System Options: Message Copy Options and RADIUS UPD Options
23537059	4	7.3	Route Groups Insert/Edit Instructions and Labels WCAG 2.0 3.3.3, 3.3.2
23542313	4	7.3	Route Lists Insert/Edit Instructions and Labels
23542867	4	7.3	Discovery Attributes Insert/Edit Instructions and Labels WCAG 2.0 3.3.2, 3.3.3
23543790	4	7.3	WCAG 3.3.3 - Peer Nodes field ranges default values
23543840	4	7.3	WCAG 4.1.1 - Peer Node Duplicate id
23543959	4	7.3	WCAG 3.3.3 - Peer Node Groups default value and range
23555290	4	7.3	WCAG 3.3.3 - Peer Route Tables default value and range
23555475	4	7.3	WCAG 2.4.6 & 3.2.4 -Egress Throttle Groups missing form headers
23555591	4	7.3	WCAG 3.3.3 - Egress Throttle Groups ranges and defaults
23555951	4	7.3	WCAG 3.2.3 - Viewing Rules for Application Route Table Cancel Button
23555984	4	7.3	WCAG 3.3.3 - Application Route Table Rules default and range

Bug Number	Severity	Found Release	Title
23563995	4	7.0	Removing CEX parameters associated with same Vendor ID as other CEX config sets
23569925	4	7.3	WCAG 3.3.3, 1.3.1, &2.4.6 - Egress Throttle Lists Label & Range
23589440	4	7.3	To change the Sample period from 90 ms to 15ms
23593479	4	7.3	WCAG 3.3.3 - Transaction Config Sets Default Values
23625894	4	8.0	DSR Accessibility Fixes - PDRA Configuration Screens
23700803	4	8.0	PCRF Pooling Modes Feature Bug
23710815	4	8.0	DSR Accessibility Fixes Drop 8 - GLA screens
23740762	4	8.0	DSR Accessibility Feature Drop#8
23747903	4	8.0	Accessibility Fixes for SBR Maintenance screens
23748448	4	8.0	DSR Accessibility Fixes - PCA (OC-DRA) Configuration Screens
23755669	4	8.0	WCAG 1.3.1 - accessible table names
23853835	4	8.0	WCAG 3.3.2, 3.3.3 SOAM Diameter Common - Export Accessibility
23853849	4	8.0	WCAG 2.4.7, 3.2.3, 3.3.4 SOAM Diameter Common - Import Accessibility
23854407	4	8.0	WCAG 1.3.1, 3.2.4, 3.3.3 MP Profiles [Edit] Accessibility
23854420	4	8.0	MCC Ranges [Insert/Edit] Screens Accessibility
23858941	4	8.0	WCAG 3.3.2 - Description not assigned to form
24008815	4	8.0	Support for MSISDN AVP at the base level in RBAR
24008936	4	8.0	Support for Decoding MSISDN from User Name AVP at FABR
24008982	4	8.0	Support for Decoding MSISDN from User Name AVP in RBAR
24009026	4	8.0	Support for MSISDN AVP at the base level in FABR
24011366	4	8.0	Excessive Request Re-routing Alarm
24311959	4	8.0	DSR Application Support for Auto Site Upgrade
24314827	4	7.1	Update Connection Capacity Dashboard form to reflect Floating IPFE connection
24320617	4	8.0	Required fields missing asterisk
24320903	4	7.3	[7.3 UPG] DSR Applicaton name and status update in Post Upgrade Report
24327895	4	7.3	Wrong number of congestion levels for ETG

Bug Number	Severity	Found Release	Title
24329388	4	8.0	Customer would like the ability to not specify a Listen Port
24341055	4	7.0	Revert Long PAT Hop-By-Hop-ID generation algorithm
24351740	4	8.0	Supporting 50 Routing Option Sets
24362622	4	8.0	Accessibility fixes for AVP dictionary screens
24373573	4	8.0	Availability of the IP address in the SCTP Connection Impaired trap
24384360	4	8.0	Nested ART/PRT Routing
24392392	4	8.0	WCAG 1.4.1&1.4.3 - Dashboard use of color
24392794	4	8.0	WCAG 1.4.4 - Diameter Common Dashboard Zoom
24393713	4	8.0	WCAG 1.1.1, 3.2.4& 3.3.3 - Metric Groups Edit labels and default values
24399153	4	7.2	IPFE Port Range Check in upgradeHealthCheck
24400981	4	8.0	Increase counters supported in mediation to 2000
24401294	4	8.0	SDS Provisioning Log Export : Multi Server Export compatibility Support.
24408250	4	8.0	All-AVP Dictionary [View] Accessibility
24408331	4	8.0	All-AVP Dictionary Accessibility
24408521	4	8.0	AVP Dictionary [View] Screens Text/Links Instead of Buttons
24424996	4	8.0	AVP Dictionary screens: Inconsistent Presentation of Data
24425333	4	8.0	AVP Vendors [View] Accessibility
24425387	4	8.0	WCAG 3.3.2&3.3.3 - MCCMNC Mapping missing description and range
24425439	4	8.0	Troubleshooting with IDIH - Options Accessibility
24426648	4	8.0	WCAG 2.1.1 - Diameter Common Export unable to read field
24426716	4	8.0	WCAG 3.3.2 & 3.3.3 - Diameter Common Export Range/default/description
24429407	4	8.0	SDS Connection System ID Field Enhancements
24432345	4	8.0	Deleting Traces
24433794	4	8.0	AVP Dictionary View Screens Fail Resize Text
24439661	4	8.0	WCAG 3.3.3 - Dashboard Network Element range and default

Bug Number	Severity	Found Release	Title
24439899	4	8.0	WCAG 1.3.1,1.4.1,&3.3.3 - IPFE Config Options Range & Headers
24440048	4	8.0	WCAG 1.3.1&3.2.3 - IPFE Options Buttons
24440855	4	8.0	WCAG 3.3.1 - IPFE Options Error Identification
24440884	4	8.0	WCAG 3.2.4 - IPFE Options Consistent ID
24448132	4	8.0	Diameter Roaming Steering (DCA)
24460381	4	8.0	WCAG 1.3.1 & 1.4.1- IPFE Target Sets Headers
24461254	4	8.0	WCAG 3.3.2& 3.3.3 - Target Set Insert/Edit Description
24466390	4	7.2	logErr() not logging to AppEventLog sometimes...
24483286	4	8.0	WCAG 1.3.2 & 2.1.1 - Message Authenticator Cfg Sets table
24486427	4	8.0	Manage DPServer process control from Main Menu: Status & Manage -> Server
24489565	4	8.0	WCAG 3.2.4 - Radius Consistent checkboxes defaults and ranges
24498123	4	8.0	WCAG 3.2.4 - NAS Node table description location
24525176	4	7.2	SDS Query count to 7.1 SO would fail when using different version NO like 7.2
24530385	4	7.3	Large number of various Accessibility Bugs - WCAG2 1.3.1, 2.4.6, 3.3.2, 4.1.2
24577426	4	8.0	22008 - Orphan Answer Response Received
24583128	4	6.0	Binding Query Tool trying to query the shutdown server
24662514	4	8.0	Include script near first-boot to resize Logical Volume and Filesystem per Alg.
24682377	4	8.0	WCAG 1.4.4 - RBAR Exceptions scroll bar
24682395	4	8.0	WCAG 1.4.4 - RBAR Exceptions scroll bar
24704613	4	8.0	New DAMP Profiles of VM_6K_MPS to VM_30K_MPS
24712574	4	8.0	DSR App Changes (GLA and Transport)
24735798	4	7.2	[ISBR:ReconErr] Minor Updates needed for Error Codes 21650, 21651
24750589	4	8.0	Inconsistent Table Description
24796904	4	8.0	Change Code Text Editor command "File > Save" to "File > Save to local file..."
24815909	4	8.0	WCAG 3.3.3 - RBAR Addresses missing default and range values

Bug Number	Severity	Found Release	Title
24817581	4	8.0	WCAG 1.4.4 - FBAR, RBAR, Radius, Policy and Charging scroll bar
24821840	4	8.0	Abort Feature Support for Usbr
24926226	4	8.0	Diameter Common -> Export: Time widget not accessible
24930692	4	7.2	Incorrect Exp-Res-code name in 'FABR->Configuration-> Exceptions' GUI w/o Edit
25204173	4	8.0	Change the pSBR profile parameters thresholds from 8M to 16M
25204241	4	8.0	WCAG 3.3.1 Incorrect Error Description for MCC Ranges
25223962	4	8.0	[VEDSR] Update SBR-B VM profile to support 16M bindings
25231251	4	8.0	Mediation performance impact missing from DSR Mediation User's Guide and OLH
25290091	4	7.2	/var/log/messages growing to a very large size
25308713	4	8.0	Document a procedure for PCA Function Disable
25354202	4	7.1	[PCA:BindCap] Network Binding Capacity discrepancy between SW and FRS
25368317	4	8.0	[VEDSR] Update the VM profiles with new HD sizes
25386528	4	5.1	SBR Status screen is limiting display to 25 server group entries / rows.
25444577	4	8.0	Set IPFE threshold alarms to reasonable values for DSR Cloud 8.0 deployments
25457258	4	7.1	GUI / PCA: SBR Database Status screens not displaying all databases correctly.
25457296	4	7.1	GUI: SBR Database Status screens pane divider widget locks screen up.
25484582	4	8.0	DSR MMI Content
25697589	4	8.0	Create new larger DSR SOAM VM profile for sites with large number of connections
25715317	4	7.2	Local Nodes having avpRemovalListId=0 after upgrade to 7.2

Table 6: DSR Release 8.0.1 Resolved Bugs

Bug Number	Severity	Found Release	Title
25835079	2	8.0	DSR fails to detect add/remove Peer notification
25841906	3	8.0	DSR process abterm when comcol topology traces are enabled

Customer Known Bug List

Table 7: DSR Release 8.0 Customer Known Bugs lists known bugs in this release, listed by severity and then release.

Table 7: DSR Release 8.0 Customer Known Bugs

Bug Number	Severity	Found Release	Title	Customer Impact Statement
23077146	2	7.0	OOS or ACT MP network flapping can cause DSR proc restarts on rest of cluster	Potential impact to traffic. Network flapping can cause a pattern of cycling into and out of a DA-MP server group which can lead to DSR process restarts. The risk is greatest for large clusters of DA-MP servers, but can happen in smaller clusters.

25611285	2	8.0	DB site replication errors due to repl link down after upgrade to DSR 80.21.1	Database (DB) replication failure alarms may be raised during an Auto Site Upgrade (ASU) or during an event that resets multiple servers in parallel. The DB on the child servers will not be updated until resolved.
				  -- For vertical replication, system configuration information would not be
				replicated to C-level servers.
				  -- For horizontal replication, data to standby and spare servers will not be updated until resolved.
				Workaround: If DB replication failure alarms occur during an ASU upgrade or during an event that resets multiple servers in parallel, the alarm condition can be cleared by restarting the inetrep process on the server(s) with the alarms.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
25652240	2	8.0	[ISBR:DcaRecon] User is allowed to configure invalid USBR Recon Plans	Potential traffic impact. Customers may configure and execute an invalid SBR Database Reconfiguration plan. The DSR does not prevent all possible unsupported configurations. If such mis-configured plans are prepared and executed to completion, the DA-MPs of one of the sites may lose connectivity to the SBR database resulting in traffic loss. Other problems that may be observed are that the DCA application may start overwriting records that were created before the reconfiguration. Workaround: None. It is recommended that Oracle personnel are involved to help the customer perform SBR Database Reconfigurations.
25712104	2	8.0	Fail updating MPProfile: Write to replicatated table is disallowed by actv SOAM	No impact to traffic. MMI update of MP profile could intermittently fail. Impact is minimal as the MP profile is updated during initial configuration or expansion type activities. Workaround: The user can retry the MMI command to the Active SOAM or the MP profile can be updated on the Active SOAM GUI at Main Menu: Diameter Common -> MPs -> Profile Assignments.
25800535	2	7.3	DSR Major upgrade from 7.3 to 8.0 resulted in DA MP abterms	Customers with lab systems that have only one MP server in a DAMP server group may need to use workaround to complete upgrade. Workaround: Workaround is available.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
25835079	2	8.0	DSR fails to detect add/remove Peer notification	Potential traffic impact. The action of removing or adding DA-MP servers to the DA-MP Server Group (SG) must be performed during a maintenance window as an application restart of each DA-MP server in the server group will be required. When a DA-MP server is removed from its SG or a new server is being added to the SG, the peer servers are not notified. Traffic is not re-routed since peers do no know the DA-MP was removed. Workaround: After the maintenance actions on a DA-MP server group (adding or removing DA-MPs), each DA-MP in the server group requires application restart. From GUI Main Menu: Status & Manage -> Server select and restart each DA-MP server. Status will then be distributed to all DA-MPs in the SG.
19117177	3	5.1	[239775]LRGSYS:Status data is being merged to the NO	This issue can result in reduced XMI bandwidth to the NOAM. The issue should be minimal since the data is only merged up when the connection status changes state.
19117434	3	5.0	[239981]DSR GUI OAM Max HA Role Displays active MP servers as 'Standby' or 'Spare'	No service impact: OAM Max HA Role for MP is used for reporting status. Application MAX HA role for MP reports whether the MP is Active for signaling.
19119355	3	5.1	[241567]Major upgrade time from DSR 41.20.1 to DSR 51.18.0 now exceeds requirement for maintenance window for a large PDRA system	The major upgrade from DSR 4.1.5 to DSR 5.1 on a large PDRA system is no longer able to be executed within the maintenance upgrade window.
19402375	3	6.0	migration script with IPv6 aborts because of compressed IPv6 IPs in db	Minimal Customer Impact: Unable to migrate IPv6 MPs. User will not be able to do migration from Active/Standby to Active/Active configuration if MPs have IPv6 IP Addresses. Workaround: Before migration Change the format of IPv 6 Addresses in Network table, those should be in

Bug Number	Severity	Found Release	Title	Customer Impact Statement
				expanded form like "fd0d:deba:d97c:0ee5:0000:0000:0000:0000".
20198495	3	7.0	[STP7.0] IPFE Conn starving Fixed Conn due to (upgrade related) MP outage	If IPFE initiators and responders are co-located and many peer nodes are attempting to establish connections while DA-MPs are reloading, resources can get allocated in an unbalanced way that keeps some initiator connections from establishing. Workaround: Restart some of the IPFE responder connections. This will free resources for initiators to establish, and the responders will get moved to a DA-MP with capacity.
20244290	3	6.0	In virtualized environment PSBR processing latency is observed during traffic	None if proper number of VCPUs are configured.
20347965	3	6.0	IWF Feature on VM profiles need 24G RAM to come up	No operational impact. This bug is relevant only for virtualized DA-MPs and virtualized SS7-MPs when we activate MAP interworking function only.
20495654	3	7.0	[LRGSYS] certain screens in Large Topology DSR take long time to display	Screen rendering is delayed on very large topologies.
20513017	3	7.1	[IPv6] DSR ComAgent Remote Server Insert Fails First Time on Browser	GUI issue. This issue occurs on the first insert attempt after opening a new browser, or on the first attempt of a given day. The insert does not apply. Workaround: User must try again. All subsequent attempts will work successfully for the remainder of the day.
20670614	3	7.0	Fresh Install - Feature activation, feature not always visible in LHM sites 2/3	No impact to customer. Workaround has been documented in the installation guide.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
20745780	3	7.1	Potential (PDRA) configuration change problems in an upgrade window in DSR 5.1+	Potential upgrade / GUI issue. For the below parameters that are GUI configurable, during an upgrade window (OAM has been upgraded, but not all MPs have been upgraded) if these values are modified on the GUI, the new value will not be replicated down to MPs that are still running the old release (due to upgrade barrier). Affected GUI screens and parameters: ***NOAM Main Menu: Policy and Charging -> Configuration -> General Options (All fields) Network-Wide Options (All allowed fields) Online Charging DRA -> OCS Session State -> [Edit] ("OCS Session State Enabled" field) Online Charging DRA -> Realms (All configurable fields) Online Charging DRA -> Network-Wide Options (All fields) Alarm Settings (All configurable entries) Congestion Options (All configurable entries on this screen) ***SOAM Main Menu: Policy and Charging -> Configuration -> Policy DRA -> PCRFs (All fields) Policy DRA -> Binding Key Priority Policy DRA -> PCRF Pool To PRT Mapping Policy DRA -> Site Options (Topology Hiding Virtual Name)
20757520	3	7.1	[DSR IPv6]: No support for IPv6 deletion or IPv6 to IPv4 failover	As of DSR 7.1, IPv6 to IPv4 automatic fail over is not supported. Example: The system may not automatically fail over (recovery seamlessly) if disruption of the IPv6 network is encountered. As for IPv6 deletion, this process is now supported and is covered in the IPv6 migration guide (E57517-01).
20990574	3	5.1	DSR proc restart related to DC election churn caused by DC hanging on a lock	In the event of DC (Designated Coordinator) election churn, DSR_Process may get restarted due to OOS notification.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
21075547	3	7.1	[AW] Server and Server Group names not compatible with FQDN format	The impact is limited to those apps (e.g., DSR Dashboard) that take Server or Server Group names and use them as an FQDN. An example is DSR Dashboard. In certain instances, it will attempt to use the SOAM server group name to create an FQDN to attempt to log into the SOAM VIP. This will fail to resolve if the server group name happens to utilize underscores. Workaround: Configure Server and Server Group names that are compatible with FQDN format.
21273728	3	7.1	DRNO login takes a long time when former primary NO is unavailable	GUI issue. This issue only ocurs in a disaster recovery scenario, when the primary NOAM site has failed and is not reachable on the network. In this scenario the login does work, the issue is that it is very slow. Work Around: Wait for the login attempt to complete.
21385635	3	7.1	7.1 SysTest: During DR procedure, disk shortage alarms are present on SOs	Disk Alarms 32312 and 31121 will be present on the GUI for the /var/TKLC/rundb partition on SOAM server. Workaround is available. Contact My Oracle Support (MOS) for assistance if needed.
21417112	3	7.1	[NIDIH] Traffic failures during match-all IDIH trace - large system at max load	Potential traffic impact. When running maximum supported traffic and an IDIH site trace for requests with a scope of ALL is started, Diameter traffic could fail for a period of time (1-2 sec). After this time period, everything stabilizes and Diameter traffic is processed successfully again. This issue has only been observed when: - running the maximum supported traffic rate on all 16 DA-MPs (640k FABR traffic/ 40k per MP) AND - running an IDIH site trace for requests with a scope of ALL and 100 matches (effectively matches everything) Customer Impact: Potential impact to

Bug Number	Severity	Found Release	Title	Customer Impact Statement
				Diameter traffic if IDIH is configured to match all traffic while traffic is running at max rate. Workaround: Disable IDIH, or configure IDIH to match a limited scope (not all).
21452436	3	7.1	[7.1SysTest] Traffic loss when recovering a site from outage	Potential traffic impact: If preferred spare has taken the active role due to active/standby being down, and if active/standby servers become available, then the preferred spare may give up activity before the other server is ready. Workaround: To minimize impact, if possible, before recovering the site that was down, ensure it will not become active by forcing the servers to "OOS" at "Main Menu > Status & Manage > HA [Edit]". Then change the servers to "Active" during a maintenance window.
21493608	3	7.1	Problem specifying OCS Realm or Node for SS=Specific Message for adjacent node	Traffic will fail using session state on OCS node. Work Around: Have the OCS node or OCS realm be located in the DSR as the CTF node, or change the session state to "All message".
21509820	3	7.1	SSST: Exception Measurement SbrRemoveSessDbErr pegged during sunny day call flow	No impact to traffic. Exception Measurement SbrRemoveSessDbErr can (depending on the call mix) be pegged while running a sunny day call flow. In this case it is misleading to peg an error measurement when in fact the signaling behavior is working correctly. The impact is that the error pegs are misleading.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
21531146	3	7.1	During session migration, SbrOcSessionNotFound measurement unexpectedly pegged	No impact to traffic. Exception Measurement SbrOcSessionNot found are pegged on SBRs even though even everything is working correctly. The impact is that the error pegs are misleading.
21620807	3	7.1	Unknown instance name in event report for backup instance	No operational impact. The "instance" name should be the server name, but the server can still be identified by looking at the event.
21692073	3	7.1	pdbRelayMsgLogTimeStamp should be separated from the ProvOptions table	No operational impact. Upgrade Backout wipes out the dbRelayMsgLogTimeStamp causing pdbRelay to fail. This has been compensated by work-around in current Backout procedures until a SW fix is available.
21917304	3	7.1	[Appworks]: Failure to resolve IPv6 addresses in DNS post- IPv6 migration	No operational impact. Workaround has been incorporated in the IPv6 Migration Guide.
21965489	3	7.1	[Cloud]Hardware Id is HW_UNKNOWN on KVM / Openstack	Unexpected ComAgent behavior. ComAgent parameters are set too high for Cloud installations when the Hardware Id is not recognized ("HW_UNKNOWN"). The ComAgent Parameters are set to HP Gen6 hardware which will potentially cause the Cloud installation to be overwhelmed with ComAgent traffic.
22121220	3	7.1	DB compare should ensure hostname of restore server exists in Server table	Customer must use the same hostname previously assigned during the DSR Disaster Recovery procedure to configure the first NOAM server, otherwise the database restore will fail.
22321459	3	7.0	Eth config files not restored after swapping Mezz cards	Default values are restored instead of previously configured values. Manual steps will need to be run to restore network configuration.
22709649	3	7.2	PCA SSST: HA Resource Switchover time is longer than expected.	Diameter signaling that requires a Policy SBR query/transaction will fail during switchover until Active server is available and normal.
22829662	3	7.2	[DSR 7.2 UPG] Number of matches from DSR GUI is	No signaling impact. More IDIH traces may be captured than expected.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
			much larger than from IDIH GUI	
22864399	3	7.2	[DSR 7.2 ST] Adding DAMP server to DAMP server group failed due to DNS issue.	No impact to signaling as MP was already OOS prior to this event. This issue is not likely to occur in the field. It requires the user to specify an external DNS server, then to remove and re-add a server to a server group. If DB replication is not caught up this could result in an empty resolv.conf file. Workaround: To recover, a resolv.conf file with a valid internal DNS server would need to be copied to the server.
22915417	3	7.2	LRGSYS: Status&Manage->Processes screen takes 90 seconds to display	User has to wait 90 seconds for the Status and Manage->Processes screen to render. This screen is an informational screen which displays process information executing on servers. Workaround: User can login to a specific server and query the process information from the command line.
23018247	3	7.2	Restore hangs due to unexpected ping behavior when spare SO is in another networ	Customer will be unable to restore the SOAM database when spare SO is in another network and is unreachable.
23041283	3	7.1	[VEDSR] G9RMS: IPFE Read/Write Errors at high rate.	Running 2 IPFEs on VEDSR on the same server at 60K MPS with a large number of connections may cause TCP errors and alarms. Workaround: Move traffic to IPFE on another server or use an additional XSI for signaling traffic.
23056184	3	7.2	DOIC: Error Code 19766 not generated with removal of last SOAM from SG.	This is unlikely to occur in the field. User will not receive an error when the last SOAM server is removed from the SOAM server group when there are local TTGs marked as shared by a remote site.
23057378	3	7.2	DOIC-NOAM Shared TTG screen not refreshing within 10 seconds	Customer may experience 2-10 second delay in GUI refresh.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
23064842	3	7.1	[VEDSR] G9RMS: 2 Simultaneous Bulk Audits result in call failure	If 2 SBRs are bulk-audit/loading simultaneously on the same server, there may be momentary traffic alarms due to network saturation. Workaround: Perform SBR database loads on a server one at a time.
23093382	3	7.2	[VEDSR] Upgrade from 7.1.x to 7.2 does not update the IPFE alarm thresholds	No impact to functionality or throttling. This only affects the alarming.
23132640	3	7.3	[DSR7.3] Issues configurating/reconfiguring PCRF records	If 2 sites are configured using the same SOAM Network Element it is not possible to configure the same PCRF entry at both sites. Workaround: Use a different SOAM Network Element at each site. During installation it is possible to configure two SOAM Network Elements having different names, but having all of the same network configuration.
23139593	3	7.2	[PDRA] Losing binding records during site failure/recovery	Potential signaling impact. If the session SBRs at Site 2 recover from the reboot while the HA networks are down, a split brain will occur. If this happens and ComAgent is able to route from binding SBRs to the session SBRs at Site 2, there will be record loss caused by the binding audit. Workaround: None
23236381	3	7.2	DOIC/ETG Maint. screens: red cells missing 'SMS degraded' on ComAgent conn chg	Customer must review raised alarm to determine why cell is red.
23283553	3	7.2	SO Local node port	Minimal GUI issue. Customer can configure local node TCP/SCTP ports beyond maximum stated on GUI. There is an error in the field description on the GUI. The port range maximum is 65535.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
23293962	3	7.0	Mediation CAPM_Max[Assigned]ActiveTasks values reset to 15 over upgrade	No impact to traffic. Currently, during upgrade, the number of templates are reset to 15, even if the number is higher prior to upgrade. However, message processing is not impacted by this change and the active templates continue to act on the messages, though don't appear on screen. Workaround: After upgrade, Oracle team will need to update the value in the DB to see all the templates on screen.
23479752	3	7.2	Delete subscriber fails when filtered by MSISDN/IMSI when >1 MSISDN/IMSI exist	Customer will need to perform one of the workarounds below to delete a Subscriber from the GUI. Workaround 1: If an Account ID is present, find the record using the "Account ID" filter and then re-attempt the delete. Workaround 2: If an Account ID is not present, delete all but one IMSI or MSISDN individually via SDS->Configuration->Routing Entities page, then re-attempt the delete using that filter type.
23512175	3	7.3	Egress Throttle List stuck reporting CL3 when DA-MPs are disabled	If all DA-MPs at another site in the network are disabled, Alarm 22057 "ETG Rate Limit Degraded" becomes stuck and more traffic than normal will be diverted by the ETL on the DSR that has the problem. The condition will automatically clear when the DA-MPs are re-enabled. If possible re-enable the DA-MPs, otherwise condition can be manually cleared with the following workaround. Workaround: Disable and re-enable the ETG on the DSR that has the problem. If both rate and pending transactions are enabled, disable and re-enable both.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
23527690	3	7.2	[DSR 7.2 ST] - Fixed Initiator SCTPMH Connections Fail to Establish when PriDown	Failing primary interface while a connection is disabled will keep the connection from being established when it is enabled. Secondary interface alone will not allow the connection to be brought into service. Workaround: The primary interface must be brought back into service before the connection will establish.
23737411	3	7.3	Ss7MpId table not getting updated when SS7 Server Group is modified	If an existing SS7 server group is modified to delete an existing server and add another SS7 server to that server group (in the same transaction), the SS7 MP inter-MP routing of TCAP messages may fail. Workaround: To resolve/prevent issue: 1) Remove SS7 MP from server group and apply changes 2) Delete SS7 MP server (this will cleanup Ss7MpId table) 3) Add new SS7 MP to the SS7 Server Group
24290504	3	8.0	[AW:KPI] Text in Hostname/KPI Tabs get truncated with several tabs	This affects the user's ability to navigate the KPI screen tabs for a specific server. For fairly small systems (~5-10 servers), the tabs are fine and hostnames can be seen normally. For larger systems, much of the hostnames are replaced by ellipses, showing maybe only the first few characters or even just the ellipses. Workaround: There are a couple ways to workaround this issue. - The user can hover over the tab and the entire hostname will be displayed. - The user can view the server KPIs at the SOAM level.
24334664	3	7.3	DSR ASG feature should be TSA aware to avoid potential outage	Potential upgrade impact. If TSAs are distributed across a subset of available MPs, customer should not use the Automated Server Group upgrade to upgrade the DA-MP server group as the Automated Server Group upgrade feature does not consider TSA assignments when selecting DA-MPs

Bug Number	Severity	Found Release	Title	Customer Impact Statement
				for upgrade. Workaround: DA-MPs should be upgraded manually to avoid the risk of outage.
24341145	3	7.3	[DSR_7_3_SYSTST] Need to handle defective blade which has gone isolated	No immediate impact to traffic. Replication of configuration to downstream servers could be impacted. Workaround: Reboot the isolated server to restart the cmha process.
24392971	3	8.0	SQL error observed when removing connections in parallel	If encountered, the customer will need to retry the delete action. When multiple concurrent clients are updating the database at the exact same moment it is possible that the second client will receive an update error. This will NOT cause any data integrity issues. Workaround: The client receiving the update failure must retry.
24529517	3	8.0	Time to create Network Routes increases with the number of configure routes	Customer must take into account the time it will take to create a large number of Network Routes.
24564563	3	8.0	Network Devices added via GUI or MMI become "Discovered" on delete	No operational impact. The issue is transient and clears on its own. Workaround: None required.
24565936	3	8.0	Time to GET Network Devices increases with the number of configured items	When a full GET request is invoked by an MMI client for Network Devices, there will be a long delay in the response. Workaround: The client could filter the request.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
24751466	3	7.3	NGN-PS configuration mismatch between DA-MP and SBR MP	Customer could configure system where NGN-PS is enabled on PCA DA-MP but disabled on Session SBR MP causing some alternate key binding searches to fail. To encounter this issue all of the following conditions must exist. 1. PCA DA-MP and session SBR MP are under different SOs, 2. NGN-PS is enabled on PCA MP but disabled on Session SBR MP, 3. Binding SBR MP is congested with CL 2 or higher, 4. The CCR-I contains at least one of MSISDN, IPv4 or IPv6, in addition to IMSI, i.e., the session SBR needs to send createAlternateKey stack event to binding SBR, 5. The CCR-I has NGN-PS priority, and 6. The subsequent CCR-Is or AARs need to search alternate keys in the binding SBR DB. Workaround: Modify the NGN-PS configuration (enabled or disabled) such that all PCA DA-MPs and SBR MPs under the same NO have the same configuration.
24796935	3	8.0	[AW:oampAgent] "DB Late Write Nonactive" alarm by NO during Act->Stby transition	No operational impact. Alarm may be triggerred when switchover of NOAM occurs. Workaround: None required.
24957750	3	7.2	PCA SSST 8.0 :SysMetric for ComAgentIngressStackEventRate is not getting pegged	No impact to traffic. Inaccurate measurement count for ComAgentIngressStackEventRate.
25112686	3	7.0	Mediation rule upgrades from DSR 5.0 takes a long time with many Mediation rules	Potential upgrade impact. Upgrade of systems with many provisioned mediation rules may take longer to complete.
25129757	3	5.1	Discrepancies in the 'Connection Performance' measurement report (RxMsgRateAvg)	No impact to traffic. Measurement peg for RxMsgRateAvg will be inaccurate for extremely low traffic rates.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
25180486	3	7.4	XML import testing not taking place in SDS	No impact to traffic. Data will be imported, but the Import Status screen will not reflect this information properly. Workaround: 1) Use CSV import instead of XML import, or 2) Use the Maintenance->Command Log to check for the status of imported records.
25186432	3	7.1	IDIH:7.1: mediation health check failed while doing IDIH Install in VEDSR setup	IDIH may require manual intervention to clean up comcol db after installation.
25211895	3	6.0	Permission Incorrect of awadmin keys	Unable to upload csv files after upgrade of DSR from 4.0 to 6.0.2. Error reported "transfer to noam - imi failed".
25239083	3	8.0	DSR MMI Message Priority Configuration Sets allows the non configured applicatio	User is allowed to import invalid Application ID value into Message Priority Configuration Set.
25261082	3	7.3	The apwSoapServer process continuously restarts on IPFE/MP, DSR 7.3 upgrade.	Potential upgrade impact. If there is (DSCP by interface) data configured prior to DSR 7.0, after upgrade to 7.0, the data will not be migrated correctly causing apwSoapServer process to continuously restart. Workaround: Remove the existing data from NOAM GUI (Main Menu: Configuration -> DSCP -> Interface DSCP) and re-add it. Data will be in new format and will work properly.
25304996	3	7.0	Contradicting EMR calculation times in Diameter UG	Online help may not be clear with contradicting values of 15ms, 90ms and 100 ms at different places.
25337549	3	7.2	upgrade from 6.0.1 to 7.2,the Scheduled Task has changed automatically	User will need to verify scheduled tasks after upgrade and update if necessary.
25340784	3	7.1	iDIH Number of Matches does not increment	Although traces are captured as expected, user may not see IDIH Number of Matches increment.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
25346698	3	8.0	Auto Site Upgrade not showing SDS SO servers	Minimal impact to SDS upgrade. Instead of using Auto Site Upgrade for SDS sites, the user will need to select server groups to perform upgrade on SOAMs and DPs. Workaround: Use Automated Server Group Upgrade strategy to perform upgrades on SOAMs and DPs.
25351500	3	7.3	The "named" service not starting due to wrong name format of defined "Networks"	The "named" service will not start. Workaround: Do not use the underscore character in Network names.

25398027	3	7.2	When config data have ten items, topology hiding GUI cannot show the tenth item	If any configuration sets listed below have more than 10 items, the 10th item is not displayed or selectable. Main Menu: Diameter -> Configuration -> Topology Hiding -> Protected Networks
				 For the following config controls:
				  Trusted Network List
				  Path Topology Hiding Configuration Set
				  S6a/S6d HSS Topology Hiding Configuration Set
				  MME/SGSN Topology Hiding Configuration Set
				  S9 PCRF Topology Hiding Configuration Set
				  S9 AF/pCSCF Topology Hiding Configuration Set

25505595	3	8.0	DSR 8.0:ST: InstallOS op on guests using PMAC failed with reason as internal err	No impact to traffic. Filesystem full could prevent normal operations such as upgrades or addition of new servers. The filesystem full condition was a result of an ISO being copied into an incorrect location (home/admusr). Workaround: Delete extra files that have been incorrectly copied to /home/admusr. This will clear the alarm and allow normal operation.
25525005	3	8.0	Data Export Transfer Now and Test Transfer does not provide feedback to the user	The user does not see immediate notification regarding the test transfer action. Workaround: The user needs to select and view the "Status & Manage -> Tasks -> Active Tasks" screen to see

Bug Number	Severity	Found Release	Title	Customer Impact Statement
				the test task and its status.
25529974	3	8.0	DSR MMI Issues in AppWorks MON URIs	None. Measurement budget is not currently enforced.
25550094	3	8.0	Help isn't updated properly in incremental upgrades for testing	User should not encounter issues with major upgrade however after incremental upgrades, online help could be missing some information or embedded links may not function properly. Workaround: User can refer to documentation that is posted on OTN.
25552021	3	8.0	[DSR8.0 ST] - Bulk Availablity 66% Does Not Select Correct # of SS7MPs	There may be slight inaccuracies in actual remaining availability when performing upgrade on a server group with multiple servers.
25575141	3	8.0	[PDRA:Recon] Disabling PDRA during USBR Recon fails with Error code 21648	User will not be able to disable PDRA function while running reconfiguration plan for a USBR database. User can disable function after all reconfiguration plans have completed.
25600027	3	8.0	[CfgDbReinit] lmysqld,apwSoapServer unexpectedly terminate during initialization	Minimal impact as issue occurs during reboot. The impact is that the server could take longer to come into service.
25637633	3	8.0	Unknown column 'ROLE' in 'where clause'	Minimal impact as filter is not typically used for System OAM during upgrades. User will receive error "Unknown column 'ROLE' in 'where clause'", when filtering on Server Role "System OAM" via the Main Menu: Administration -> Software Management -> Upgrade screen. Workaround: User can navigate to the desired System OAM tab to get the data.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
25651803	3	8.0	[PCA:CACD] Alarm for Degraded ComAgent Conns when USBRs removed from Session RD	No functional impact. Alarm is raised for servers that do not belong to the active Session SBR Database. Workaround: To clear the alarm, restart the SBR servers on which the alarm is raised. ***CAUTION*** If any DCA application is actively sending data to these SBR servers, this workaround is NOT recommended as it may cause traffic loss.
25656089	3	8.0	DSR8.0:ST: ISO deployment got stuck for the site when servers got restarted	During preparation for upgrade activity, if the user reboots a server while an ISO transfer is taking place, the transfer will be stopped and will not restart until manual workaround is performed. Workaround: Contact My Oracle Support for assistance.
25656429	3	8.0	SDS 8.0 Netbackup LV to be resized to 5 G	User will not be able to use NetBackup 7.7. Workaround: NetBackup 7.5/7.6 can still be used.
25669402	3	8.0	DSR 8.0:ST:VIPs not activated when servers are in same network but diff sites	If all SOAM servers (different sites) are in the same network, user will not be able to access SOAM using VIP when spare SOAM server becomes active. Workaround is available.
25686083	3	8.0	SDS Import Status screen wrongly lists the time completed as "1969-12-31 xx"	No operational impact. GUI is temporily misreporting. The value "1969-12-31 19:00:00" is only shown in case of import in-progress or not yet started. Once import is completed, the Time Completion value is updated to correct value.
25694682	3	8.0	SDS All GUI Screens' header box should be aligned with record's width	User will not be able to see all the columns. Also, with misaligned column header and values, user will have to map each value to its respective column header. Workaround: Lower the view (zoom) % of browser to make all columns visible. After changing zoom %, reload GUI to view the data.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
25719122	3	8.0	[PDRA:ApplRestart] psbr abterm can occur during controlled shutdown/restart	No service/traffic impact. An abterm may be generated during the process restart via GUI (Status&Manage -> Server).
25723896	3	7.3	TTR for ART rule is not displayed in Protrace IDIH	When a diameter packet is routed via a specific ART rule, ProTrace is not displaying the ART bubble. However, when no ART rule matches the Diameter packet then an ART bubble is displayed showing "ART-Rule-Not-Found".
25730821	3	8.0	[ISBR:HaRes] SBRs may fail to de-register COMCOL Resources when removed from RDs	No impact to traffic since this issue was seen on a decommissioned server group that is not a part of resizing plan. Also there should be no operational impact as MOP source documentation has been updated to required cleanup of decommissioned Servers and Server Groups. Workaround: If there are any Servers and Server Groups which are no longer being used after the completion of a Resizing plan then the user should delete them.
25739523	3	8.0	DSR8.0:ST:ImpStore-OracleDB connection error after IDIH upgrade from 7.3 to 8.0	Alarm may be raised on the IDIH GUI that will not clear automatically even after connection is successfully established. Workaround: User can manually clear the alarm by highlighting alarm on the IDIH GUI > System Alarms, then selecting "Terminate selected Alarm(s)".
25740614	3	8.0	HA Site Configuration Error after removing Spare SBR from its SG	Alarm may be raised on the IDIH GUI that will not clear automatically even after connection is successfully established. Workaround: User can manually clear the alarm by highlighting alarm on the IDIH GUI > System Alarms, then selecting "Terminate selected Alarm(s)".

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25752225	3	8.0	[SOAM:httpd] /var/ partition usage warnings due to excessive httpd logging	Potential upgrade impact. Excessive logging could cause /var disk space usage to exceed 70%. If upgrade is then attempted, an early check failure would cause upgrade to halt. Workaround: Delete the ssl_request_log and ssl_access_log files from /var/log/httpd folder to clear condition.
25793158	3	8.0	DSR8.0:ST:Scope filtering for alarms are not working as expected.	If the system is generating a lot of b-scoped alarms that should be forwarded to the NOAM over an extended period, it can result in a disk full warning. Pre-upgrade healthchecks could fail, in which case the logs should be removed to free up disk space.
19117425	4	6.0	[239975][M2D-60.10.0-RMS]: Comm Agent Connection Down on SS7-MPs w/ ACT/STBY DA-MP configuration	Minimal Customer Impact: Unwanted ComAgent Major Alarms"ComAgent Connection Down" alarms for the standby DA-MP are safe to ignore.
19209874	4	6.0	SNMP Notifications Contain Redundant Text	Minimal Customer Impact: SNMP Notifications Contain Redundant Text Extra "Notify" at end of affected notifications.
19327392	4	6.0	DM-IWF Alarms / Measurements descriptions needs to be updated as per user doc	Minimal Customer Impact: GUI Error Missing DM-IWF Alarms and Measurement descriptions. For scenarios wherein request and answer messages received from DRL by DM-IWF application whose size are greater than "DiameterMaxMessageSize" following alarm wouldn't be displayed on GUI: Alarm Id: 33015 Alarm Name: DM-IWF Diameter message size exceeded maximum supported size Alarm Description: DM-IWF failed to forward the Diameter message to SS7-MP because the message size exceeds supported maximum message size. Workaround: This scenario can still be tracked by following measurement: Measurement Id: 15641

Bug Number	Severity	Found Release	Title	Customer Impact Statement
				Measurement description: Number of diameter messages received from DRL that got rejected because diameter message size exceeded supported maximum. Measurement Group: DM-IWF Exception
19538108	4	6.0	ComAgentEgressQueue is getting full while executing 100%Fabr-Diwf Chaining Case.	Performance of FABR-DIWF application chained traffic will be impacted. ComAgent Egress task utilization will be high even at relatively low traffic load.
19846672	4	7.0	OCDRA- Average Measurements are showing half value than actual value	Some of the Avg measurements for the entire network work may not show the correct values. Workaround: Use the Average measurements value per Server.
19903633	4	7.0	dsr process not exiting cleanly when under load	No impact to normal DSR operation. This was encountered during reboot of a TVOE host with DAMP guests. Dsr process will not gracefully shutdown when traffic is running. Workaround: Disable connections before reboot.
20078150	4	7.0	[Upg 7.0] Certain Upgrade/Backouts unable to finish within 4hr maint window	Customer may require extended and/or multiple maintenance windows to schedule upgrade activities.
20293217	4	7.0	[Cloud]Shared mem is monitored by allocated mem which is not the actual used RAM	Shared memory exhausted alarm (31116 - Excessive Shared Memory) may be raised even if system has unused RAM. Workaround is available if required.

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20440390	4	7.0	LRGSYS: AppWorks SOAP Server DB ReInit Thread Stuck Sometimes	Unlikely to impact customer. This issue was encountered in a test environment where user was trying to setup hundreds of servers at the same time. The impact is DB reinitialization will not start for any newly added servers. Workaround is available.
20440552	4	7.0	LRGSYS: Backup Failure Alarm 10020 seen on MPs	This can result in a stuck 'backup failed' alarm on some MPs. This issue has not been observed in the field. It has only been created in lab situations. Workaround: The alarm alarm can be manually cleared.
20696866	4	7.0	Duplicate Parent Topic links in Online Help	No functional impact.
20697000	4	7.0	Incorrect Navigation being displayed	No functional impact.
20778632	4	7.1	[7.1]ESBC:Group administration Edit function of Network-Options screen broken	Minimal Customer Impact: If user makes changes on "Main Menu: Administration-> Access Control -> Groups [Edit]", Pressing "Ok" may not record changes. Workaround: Press "Apply", then "Ok".
20805853	4	7.0	Update Help Text on Remote Servers-Data Export-Keys Report Page	No Operational Impact: Instructions are correct. This addresses grammatical and formatting issues.
21493343	4	7.1	Local Initiate Port Values Not Shown After 6.0 to 7.1 Upgrade	If any DSR initiator connections are configured with a local initiate port values, user will need to disable and re-enable connections after the upgrade is complete to re-establish connections. Workaround: To establish the connection on the Local Initiate Port, Disable and then Enable the connection.
21553687	4	7.1	IDIH Event Data for DP server shows IPv6 address followed by"(IPv4)"	User will see confusing information in the FABR metadata in an IPv6 network.

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21554520	4	7.1	PCA SSST: Stuck SysMetricThreshold Alarms after SBR switchover	Customer could intermittently experience stuck alarms after an SBR failover. Alarms are stuck until manual intervention is applied to clear them. Workaround is available. Contact My Oracle Support (MOS) for assistance if needed.
21591252	4	7.1	CSRF validation failure on configuration and maintenance screens	If a CSRF validation failure is received when attempting to an operation thru the GUI (rare occurrence), the user will have to make a 2nd attempt for the same action with same data set to have the update successfully applied.
21620890	4	5.0	Migration for second 2-tier NOAM to the 3-tier SOAM does not work	The second 2-tier NOAM must be changed to OOS using documented workaround.
21629948	4	7.1	SSST: Status & Manage > Processes screen does not show psbr process status	User cannot view the 'psbr' process on the following GUI screen: Main Menu: Status & Manage -> Processes. This screen provides information on start time, status, # starts, CPU utilization, and memory usage.
21757262	4	7.1	Display appropriate error in DSR deployment screen	Generic error, "An internal error has occurred - please contact Oracle Customer Support.", if an error is encountered during ISO deployment. There is no indication if ISO deployment is in progress or already finished.
21796989	4	7.1	Issue in PCA comAgent queue full error handling	Possible failures of session creation requests while resizing plan is in progress only when the comAgent queue is full and topology hiding/Session state is enabled.
22153433	4	7.2	DOIC: TTG Filtering bug in Viewing TTGs for Route List screen	Unable to filter "Site Name" column on "=,!=,LIKE" in Viewing Traffic Throttle Groups for Route List screen.
22217695	4	7.1	[Cloud] Max MPS traffic alarm [i.e. 22106] does not consider MAP orig traffic	The Maximum MPS traffic alarm will not be raised for MAP originated traffic even if the traffic is greater than the alarm thresholds. The Maximum MPS traffic alarm does not consider diameter traffic running on DA-MPs

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				due to MAP originated calls. Only Diameter originated traffic is considered.
22720063	4	7.2	Dashboard using incorrect source metric for DA-MP ingress MPS	Diameter Common > Dashboard, DA-MP ingress MPS rate only reflects accepted traffic after validation and congestion controls. Dropped traffic manifests as failed transactions.
23075799	4	7.1	[VEDSR] G9 RMS: abterm Seen on DAMP over Graceful Host Shutdown	No impact, as DA-MP was being shutdown when abterm occurred.
23106613	4	7.2	Global provisioning using this screen displayed on SOAM for files menu	No functional impact. The file operations work as expected. The user could be confused by the false warning message.
23222826	4	7.2	System.CPU_UtilPct sysmetric is lower than expected on VM	VE DSR customers should use dsr.Cpu instead of System.CPU_UtilPct as metric.
23323324	4	7.2	DOIC-pegstat DivertedOut for TTPs are incorrect for Connection RGs	No impact to traffic. Inaccurate measurement count for DivertedOut measurements for Connection Route Groups that route to multiple peers.
23421644	4	8.0	[AW]Log In button not centered in the box at the Login Screen in Firefox browser	No operational impact. Cosmetic issue only.
23477541	4	7.2	SS7MP Server gets deleted even when transport is configured	User will not be able to delete stale transport.
23505543	4	7.3	[DSR 7.3 ST] KPI Trans Success Rate does not match Dashboard Success Trans %	Customer may see the following on the DSR GUI: 1) Dashboard is not aligned with KPI screens 2) < 100% can be 'yellow' trigger, which makes the Dashboard screen present erroneous alarms. Workaround: 1) Use the KPI screen for actual success numbers. 2) Set Dashboard alarm trigger to

Bug Number	Severity	Found Release	Title	Customer Impact Statement
				<99% so that yellow does not appear.
23509895	4	7.1	SDS GUI allows DP removal from Server Grp linked to remote COM Agt server	DP will no longer receive database updates from the SOAM but will continue to process MP queries based on the existing DB content.
23745073	4	7.3	Network Name is not validated correctly in Configuration-Networks-Insert	User may be unaware of invalid name entry until update is being executed. It could be detected sooner when navigating to another field on the GUI. Workaround: None required. The field is validated later when updates are being committed.
23858799	4	8.0	Local Pause Update Inconsistent	No operational impact. On several GUI screens there are two "Pause Updates" checkboxes, one with a scope global to the GUI and the other with a scope local to that menu item.
24370650	4	7.3	[7.3 UPG] Cloud-init service caused 2 minutes delay in VMware VM reboot	Rebooting a VM in VMware can have an additional 2 minute delay. Workaround is available.
24377541	4	8.0	[Network Insert Screen]: VLAN ID field should not be mandatory	In the Main Menu -> Networking -> Networks [Insert] screen, user will need to populate the VLAN ID field with a value of 1-4094 regardless of whether used or not.
24479659	4	8.0	IPFE Target Set issue with BIE and gcli	Exported IPFE files cannot be used for import operations.
24621473	4	8.0	The SBR HA and HA health check scripts accessing tables instead of SOAP APIs.	No impact to customer.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
24935222	4	8.0	LRGSYS: KPI screen taking a long time to display	Potential GUI delay. On large topologies, it can take up to 90 seconds to draw the KPI screen. Workaround: None.
25028429	4	8.0	DSR Backout: invalid response from User (yes vs. y) shouldn't abort CLI Session	If user does not type y or N in response to, "Continue backout? [y/N]:", there is no reason given for the abort of the backout command. Workaround: The backout command can be re-entered.
25042701	4	7.4	Abterm is generated on manual application restart	No impact to traffic. User would see alarm 32508 (Server core file detected). If user restarts the DSR process for an MP server it may generate a core file causing the alarm. Workaround: Any core file should be investigated before removing from the system to clear the alarm.
25066594	4	7.2	Viewing Traffic Throttle Groups for Route List: xxx and Route Group: xxx sort	Minor GUI issue. On Main Menu: Diameter -> Configuration -> Route Lists, expand any route group/list details, that is associated with TTG then click on the Traffic Throttle Groups link. On this screen sorting by Site Name will result in an error.
25066659	4	7.3	SDS->Configuration->Routing Entities, when deleting record, the warning info	No operational impact. Deletion warning message updated; changing 'Ok' to 'OK' to match the text on button and a period added at the end of the sentence.
25212716	4	8.0	horizontal scroll bar missing in the SDS export status screen	Minimal impact. Workaround allows all information to be viewed on the GUI. Workaround: Maximize the browser window or zoom out until all the information displays in the window.
25228722	4	7.3	APDE Measurement export failed on SO when all Groups checked	Measurement export(s) including Message Priority Group will fail. Workaround is available.
25231844	4	8.0	Selecting Edit button with keyboard takes you to a blank screen	On the Main Menu:Diameter Common --> MPs --> Profiles screen, the user cannot select Edit using the keyboard. Workaround: Use the mouse to edit MP profiles.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
25254213	4	8.0	Copyright visible on screen	No operational impact. On the Diameter Common -> Dashboard -> Configuration -> Metric Threshold Configuration Sets screen the copyright information is present above the table description.
25264670	4	7.3	Configuration report compilation can fail due to insufficient space in /var/tmp	The configuration report export may not complete, resulting in no/empty file and APDE task hung/aborted. Alarms are raised and will abate automatically or in some cases require manual intervention to recover the filespace.
25265399	4	7.1	ComAgentConnStatusReport XML file Parsing Error	No functional or service impact. When preUpgradeHealthCheck is performed prior to upgrade the ComAgentConnStatusReport XML file cannot be parsed by browser. Workaround: File can be viewed using a txt viewer.
25288378	4	7.3	GUI description of `Minute Value' in `Remote Servers->Data Export' not accurate	Minute Value between 0 and 59 may be misleading. If upload frequency is Fifteen Minutes value should be between 0 and 14.
25319572	4	7.1	Alarm: 31003 Thread Watchdog Failure Fluctuation	Alarm 31003 may be raised in systems with a large number of configured routes. Workaround is available to increase the maximum time setting for route audit to complete.
25379612	4	8.0	IDIH : 80.17.2: OAM GUI showing extra Mediation input Sources	No operational impact. Extra mediation source entries may be displayed. If the IDIH has ever been modified to retrieve data from another DSR SOAM, table entries for server hosts from the other SOAM will be displayed in IDIH OAM application screen Applications->DSR->"Mediation Input Sources". Workaround: Disregard hosts that no longer apply to the current configuration.
25409282	4	8.0	Oracle Banner missing from OLH	None. Each page within the Help shows the banner.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
25462998	4	8.0	Pause update not functioning on Comm Agent Screens	Minimal Customer Impact: The GUI status screens under "Communication Agent -> Maintenance" will continue to update when pause update checkbox is selected.
25496715	4	8.0	Minor issues in DSR netcofig templates	During installation activity, additional modification to the DSR netconfig template is required. Workaround: Correct template as follows: Remove the double right brackets for the following: -- config/Topo1_L2/4948E-F_L2_configure.xml: <option name="type">access</option>> -- config/Topo4/6125XLG_Pair-2_template_configure.xml: <!-- Multiple VLANs can be entered by stringing the VLANs in the setAllowedVlans option Ex. 1-5 or 1,2,3,4,5 --> -- config/Topo1_L3/3020_template_configure.xml: <!-- 'mode' is required on Cisco when adding interfaces --> Within 6120XG.xml replace <configure> with <configure apiVersion="1.1">
25542610	4	8.0	When NMS server added user may return to a screen with addtion not reported	Update may not be reflected on GUI until it is manually refreshed. Workaround: None. User will need to navigate back to the desired screen rather than be automatically returned to it.
25584247	4	8.0	Misleading DCA Custom Event Template Throttling Description	Misleading 'Alarm Throttling Interval' description. Minimum value is incorrect. [Default = 60; Range = 0-300] should read [Default = 60; Range = 5-300].

Bug Number	Severity	Found Release	Title	Customer Impact Statement
25590495	4	8.0	DSR MMI KPI Groups not getting validated correctly	More information may be provided than expected. The MMI supplies information for all KPI Groups in the database regardless of whether the feature has been activated or not.
25590532	4	8.0	DSR MMI Screen name seen as UNKNOWN in the Security Logs	No operational impact. Although "screen name" field of the security log displays "UNKNOWN" all applicable information is available as text in the security log.
25616683	4	8.0	Capacity Summary screen constraints inconsistent with Online Help doc	Online help has an inaccuracy concerning max local nodes=32 instead of 48.
25643859	4	8.0	GUI: SBR Status screen repeating display of server groups with >25 SGs.	Minimal GUI impact. On the SBR -> Maintenance-> SBR Status screen, when the number of Server Groups (SGs) in a place association displayed (rows) is greater than 25, rows 26 to the end are a repeat of the first SGs displayed at the top of the screen. Workaround: View the SGs in a Place Association using different scoping to limit the number of SGs to 25 or less.
25660736	4	8.0	Backout: SOAM returns errors with verifyUpgrade and verifyBackout.	The only impact is ERRORs may be returned when running verifyUpgrade and verifyBackout. The backout completes successfully. Workaround. None required. The backout completes successfully.
25697793	4	8.0	POST bulk/configurator fail w/ 400 response : issue connecting to hosts	If this error occurs, user will need to retry the command.
25715817	4	7.1	Two issues found in testing bug 22910567	On GUI at Main Menu: Administration -> Access Control -> Groups [Insert]: 1) Edit check box should be removed from the Peer Route Tables and application Route Table permissions since it serves no purpose. 2) If the Peer Routing Rules or the Application Routing Rules screen does not have view access ("view" unchecked) and the user clicks the View/Edit Rule button on the Tables screen the screen displays an error.

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25725290	4	8.0	Duplicate MTU entries in ifcfg-eth* files after upgrade	None. The duplicate MTU entries have no impact to the system and are a result of multiple DSR 8.0 incremental upgrades performed which is not likely to occur on a customer production system. Workaround: None required, the duplicate MTU entries have no impact to the system.
25793386	4	7.2	DSR8.0:ST: Error displayed when running task is cancelled under Active Tasks	The user will think the task was not cancelled when it actually was.
25800233	4	8.0	DSR8.0:ST:Error displayed wrongly in GUI when running task is cancelled	Task is cancelled; however this may not be immediately apparent. Workaround: Long running task can be cancelled and ASU restarted.
25802235	4	7.2	Incorrect redirection for CPU Utilization on Dashboard feature	If user navigates to Diameter Common --> Dashboard {'Servers' Metric Group} then clicks on '# Servers Exc CPU Thr' link they get incorrectly re-directed to the 'Diameter' KPIs (Status & Manage --> KPIs {Diameter}). Redirection should have pointed to 'Diameter' KPIs (Status & Manage --> KPI {Server}). Workaround: The user can manually navigate to the KPI (server) tab.

Chapter 8:
Oracle References and Services

Topics:

My Oracle Support (MOS)
Emergency Response
Customer Training
Locate Product Documentation on the
    Oracle Help Center Site
Locate Product Release Software on the
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    Site

This chapter describes how to obtain help, where to find related documentation, and provides other general information.

My Oracle Support (MOS)

MOS (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 MOS 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 MOS, select 2.

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

MOS is available 24 hours a day, 7 days a week, and 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 by calling 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 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.

Customer Training

Oracle University offers expert training on Oracle Communications solutions for service providers and enterprises. Make sure your staff has the skills to configure, customize, administer, and operate your communications solutions so your business can realize all of the benefits these rich solutions offer. Visit the Oracle University web site to view and register for Oracle Communications training: education.oracle.com/communication. To reach Oracle University:

- In the US, please dial 800-529-0165.
- In Canada, please dial 866-825-9790.
- In Germany, please dial 0180 2000 526 (toll free) or +49 8914301200 (International).
- In Spain, please dial +34 91 6267 792.
- In the United Kingdom, please dial 0845 777 7 711 (toll free) or +44 11 89 726 500 (International).

For the appropriate country or region contact phone number for the rest of the world, please visit Oracle University's web site at http://www.oracle.com/education/contacts.

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 subheading, click the **Oracle Communications** documentation link.

   The Communications Documentation page displays. 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 the 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, click **Save Target As** (or similar command based on your browser), and save to a local folder.

Locate Product Release Software on the Oracle Software Delivery Cloud Site

Oracle Communications software is available for electronic download at the Oracle Software Delivery Cloud (OSDC) site, https://edelivery.oracle.com. Only authorized customers with a valid password may download software from the site.

For directions on downloading the software and other information about using this site, click FAQ on the top right corner.