**Oracle® Communications
DSR Release 8.1**

Release Notice

E87986 Revision 02

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ORACLE®

DSR Release 8.1 Release Notice

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Chapter 1: Introduction

Topics:

DSR 8.1 Introduction
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 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 8.1 Introduction

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.

Revision History

Date	Revision	Description
07/05/2017	01	Initial release for DSR 8.1 GA

Chapter 2:
Feature Descriptions

Topics:

This chapter provides a summary of each feature released in DSR 8.1.

Accessibility (19120204, 24817837)

All DSR software and associated software and documentation meet Oracle Accessibility Guidelines (OAG) 3.0, which meet revised U.S. Section 508 standards.

Automatic Site Upgrade Enhancements (25843483)

Enhanced automatic site upgrade function to support all configurations of B and C level nodes at DSR and SDS.

Benchmark on VmWare (26102703)

Provide a benchmark for the highest capacity achieved for the smallest viable VM.

250K MPS DSR on VmWare Cloud (24667590)

Benchmark to achieve 250K Diameter MPS in a fully-virtualized DSR deployed into a 3rd-party VmWare cloud.

Support Answer Message Back from Different Connections (21072456)

This feature allows DSR to process the Ingress Answer Diameter message received from connection of the upstream Diameter Peer. This is different from the connection of the same upstream Diameter Peer, which was used to send the egress Diameter request for a given Diameter Transaction.

IETF DRMP Standard Implementation (21770404)

When making routing and resource allocation decisions, Diameter nodes currently have no generic mechanism to determine the relative priority of Diameter messages. IETF DRMP standard addresses this by defining a mechanism to allow diameter endpoints to indicate the relative priority of Diameter transactions. With this information, Diameter nodes can factor that priority into routing, resource allocation, and overload abatement decisions. Few of the real time use cases include First responder related signaling, Emergency call related signaling, differentiated services, application-specific priorities, etc.

DSR Route Group Measurements (19091550)

This feature allows for visibility into the amount of traffic being routed through a DSR route group independent of the PRT/route list where the traffic is routed.

Feature MMI Updates (24297399) and API Versioning (25833351)

Features have been added for the following:

- Answer on Any Connection
- Route Group Measurement
- DRMP MMI Updates
- API Versioning

Gen9 V2 Performance Enhancements (25489304)

Tested Gen9v2 blades to verify DSR has achieved at least:

- 100K MPS Session (230% increase from 30k Session Gen 8 numbers) per each Gen 9 V2 DA-MP
- 100K MPS Database (150% increase from 40k Session Gen 8 numbers) per each Gen 9 V2 DA-MP
- 120K MPS Relay (300% increase from 30k Session Gen 8 numbers) per each Gen 9 V2 DA-MP
- 675K MPS for Database profile running FABR application. (13% increase from Current Nodal capacity is 600K for FABR)
- 675K MPS for session. (50% increase from Current Nodal capacity is 480K for Session)

The following capacities have been sustained:

- Per Gen9v2 Blade:

  - Relay: 120k MPS
  - Database: 100k MPS
  - Stateful: 100k MPS

- Per DSR Nodal capacity:

  - Relay and Database: 675k MPS
  - Stateful: 600k MPS

SDS Subscriber Table Add function (19727484)

This new feature adds a subscriber-to-subscriber table if the Account ID, MSISDN, and IMSIs are not already in the subscriber table.

Increase Mediation Templates in DSR to 64 (25203499)

OVM is a supported hypervisor on DSR.

Option to Send Only Local Traps on a Re-Sync (23095511)

Enables or disables SNMP traps from individual servers. If enabled, the traps are sent from individual servers; otherwise, traps are sent from the Network OAM&P server.

vSTP (25551156, 25551174, 25551195, 25551239, 25551341, 25551373, 25551388, 25917968)

The Virtual Signaling Transfer Point network function is added to DSR virtual deployment. This includes key routing and load-sharing features for SS7 traffic carried over SIGTRAN links.

Note: Due to BUG 26304084, vSTP uses empty data messages to acknowledge peer even at high load; and BUG 26337024, [8.1 VSTP-ST] M2PA MsgLoss during ChangeOver, there may be unexpected loss of traffic on M2PA links. These bugs are listed in Table 6: DSR Release 8.1 Customer Known Bugs, found in Chapter 7: of this document.

Change ComAgent Bundling Defaults to 3 for Requests and 4 for Responses (25218046)

ComAgent bundling settings changed from 2 to 3 for request messages; and for response messages, it stayed unchanged at 4. Increased ComAgent bundling improves network throughput, which is especially important for applications that are heavy users of ComAgent (e.g., PCA) and for virtualized deployments like VE-DSR and cloud.

Chapter 3:
DSR Release 8.1 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
V886547-01	Oracle Communications Diameter Signaling Router 8.1.0.0.0-81.20.0
V886548-01	Oracle Communications Diameter Signaling Router, Full Address Resolution 8.1.0.0.0-81.20.0
V886555-01	Oracle Communications Integrated Diameter Intelligence Hub Database TVOE Guest 8.1.0.0.0-81.20.0
V886554-01	Oracle Communications Integrated Diameter Intelligence Hub Database 8.1.0.0.0-81.20.0
V886553-01	Oracle Communications Integrated Diameter Intelligence Hub Mediation 8.1.0.0.0-81.20.0
V886552-01	Oracle Communications Integrated Diameter Intelligence Hub Applications 8.1.0.0.0-81.20.0
V886550-01	Oracle Communications Diameter Signaling Router 8.1.0.0.0_81.20.0 OVA
V886549-01	Oracle Communications Diameter Signaling Router, Full Address Resolution 8.1.0.0.0-81.20.0 OVA
V886558-01	Oracle Communications Integrated Diameter Intelligence Hub Database 8.1.0.0.0-81.20.0 OVA
V886559-01	Oracle Communications Integrated Diameter Intelligence Hub Mediation 8.1.0.0.0-81.20.0 OVA
V886557-01	Oracle Communications Integrated Diameter Intelligence Hub Applications 8.1.0.0.0-81.20.0 OVA
V860993-01	Oracle Communications Tekelec Platform Management and Configuration 6.4.0.0.0-64.8.0
V860995-01	Oracle Communications Tekelec Virtual Operating Environment 3.4.0.0.0-88.37.0
V860994-01	Oracle Communications Tekelec Platform Distribution 7.4.0.0.0-88.37.0
V886562-01	Oracle Communications Diameter Signaling Router 8.1.0.0.0_81.20.0 MIBS
V839688-01	Oracle Communications Oracle Firmware 3.1.7.0.0-20.1.0 for X6-2

Load Line Up

DSR 8.1 contains the following components:

- Application Lineup

  - DSR 8.1.0.0.0-81.20.0
  - IDIH 8.1.0.0.0-81.20.0
  - SDS 8.1.0.0.0-81.20.0

- Platform Lineup

  - TPD: 7.4.0.0.0-88.37.0
  - TVOE: 3.4.0.0.0-88.37.0
  - PMAC: 6.4.0.0.0-64.8.0
  - COMCOL 7.3.0.42.0-13585
  - APPWORKS Build 81.13.0
  - EXGSTACK Build 81.22.0
  - Oracle FW 3.1.7 (minimum)
  - HP FUP 2.2.11

- Other Items Lineup

  - WebLogic: 12c, version 12.2.1.0.0
  - Oracle Database: 12c Enterprise Edition, version 12.1.0.2.0 – 64bit Production

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 8.1 Release Notice
DSR 8.1 Licensing Information User Manual
DSR Planning, Installation, Upgrade, and Disaster Recovery
Feature Guide
Planning Guide
DSR C-Class 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 Disaster Recovery Guide
DSR/SDS 8.1 NOAM Failover Guide
DSR VM Placement and CPU Socket Pinning Tool
GLA Feature Activation Procedure
Policy and Charging DRA Feature Activation Procedure
FABR Feature Activation Procedure
RBAR Feature Activation Procedure
MAP-Diameter Feature Activation Procedure
DTLS Feature Activation Procedure
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 Software Upgrade User's Guide
DSR Cloud Benchmarking Guide
DSR Cloud Disaster Recovery Guide
SDS Cloud Installation Guide
SDS Cloud Disaster Recovery Guide
Diameter Signaling Router Core Document Set
DSR Getting Started
Hardware Documentation Roadmap Reference
Operation, Administration, and Maintenance (OAM) User's Guide
Diameter User's Guide
Communication Agent User's Guide
Policy and Charging Application (PCA) User's Guide
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) User's Guide
Diameter Custom Application (DCA) Programmer's/Developer's Guide
Diameter Custom Application (DCA) Steering of Roaming User's Guide
Alarms and KPIs Reference
Measurements Reference
MMI API Specification
vSTP User Guide
Related Publications 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 Alarm Forwarding Administrator's Guide
IDIH Audit Viewer 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
HP Gen9 v2	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/E86291_01/index.htm.

Chapter 6:
DSR Release 8.1 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 8.1 are listed Table 4.

Table 4: DSR Release 8.1 Upgrade Paths

Component	From	To
DSR	7.0.1, 7.1.x, 7.2.x, 7.3.x, 7.4.x, 8.0.x	8.1
SDS	5.0.1, 7.1.x, 7.2.x, 7.3.x, 7.4.x, 8.0	8.1
iDIH	7.0.1, 7.1.x, 7.2.x, 7.3.x, 7.4.x, 8.0.x	8.1

Note: Any upgrade other than listed above is not recommended or supported. Version 8.1 is also supported as a new or fresh installation.

Chapter 7:
DSR Release 8.1 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 8.1.

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 8.1 Resolved Bugs lists bugs resolved in this release.

Table 5: DSR Release 8.1 Resolved Bugs

Bug Number	Severity	Found Release	Title
26272840	3	8.1	Early check doesn't detect if filemgmt partition is busy for 7.0.1 to 8.1 upgrade
26225371	3	8.1	PCA stats doesn't show up on NOAM but are available on SOAM
26194696	3	8.1	DAMP Tolerance to invalid HaNodeLocPref records changed
26134863	4	7.1	When failover occurs, the IDIH trace Start/Stop time display of SO changes to th
26081112	4	8	savelogs_plat fails upload to MOS:"executable file detected", dsr 8.1 appl fix
25951458	3	8.1	8.1 UPG : eventNumber for dsr.CPU value is not correct after upgrade from 7.2
25924001	2	8	MAPIWF Is Not Correctly Decoding Odd Length GTAs
25921699	4	8.1	DSR Alarms 10125 and 22076 are missing in the DSR 7.3 MEAL Guide
25835810	3	7.3	GUI issue at edit connection screen with Multihome sctp connection
25800535	2	8	DSR Major upgrade from 7.3 to 8.0 resulted in DA MP abterms
25793386	4	8	DSR8.0:ST: Error displayed when running task is cancelled under Active Tasks
25793158	3	8	DSR8.0:ST:Scope filtering for alarms are not working as expected.
25779295	3	8	MMI Requests Can Fill /var Partition
25770702	3	8.1	[DSR 8.1 SSST] IPFE syncing issue between different DSR systems.
25752225	3	8	[SOAM:httpd] /var/ partition usage warnings due to excessive httpd logging
25747365	3	8.1	DCA AUT failing
25740614	3	8	HA Site Configuration Error after removing Spare SBR from its SG
25737429	4	8	GLA AUTs Fail to initialize correctly and get stuck indefinitely.

Bug Number	Severity	Found Release	Title
25725290	4	8	Duplicate MTU entries in ifcfg-eth* files after upgrade
25723896	3	7.3	TTR for ART rule is not displayed in Protrace IDIH
25707126	4	8.1	DSR Auto Site Upgrade Support for Active/Standby DA-MP Configuration
25686083	3	8	SDS Import Status screen wrongly lists the time completed as "1969-12-31 xx"
25656429	3	8	SDS 8.0 Netbackup LV to be resized to 5 G
25651893	4	8	MMI connections status returns schema errors
25633145	4	8	MMI delete TTP that does not exist returns incorrect error code
25577365	2	8.1	Document overview of ping feature for requirement
25552021	3	8	[DSR8.0 ST] - Bulk Availablity 66% Does Not Select Correct # of SS7MPs
25484053	3	8	[PDRA:MEAL] Typo in PsbrSessionDbWrites SysMetricDef Id: PsbrSessionnDbWrites
25439384	3	8.1	[DRS8.1] SS7MP: process CPU is not considered for congestion
25398027	3	7.2	When config data have ten items, topology hiding GUI cannot show the tenth item
25351500	3	7.3	The "named" service not starting due to wrong name format of defined "Networks"
25346698	3	8	Auto Site Upgrade not showing SDS SO servers
25337549	3	7.2	upgrade from 6.0.1 to 7.2,the Scheduled Task has changed automatically
25331305	4	8	PCRF pooling is getting Disabled after using GCLI update on TopoHiding
25319572	4	7.1	Alarm: 31003 Thread Watchdog Failure Fluctuation
25288378	4	7.3	GUI description of `Minute Value' in `Remote Servers->Data Export¿not accurate
25265399	4	7.1	ComAgentConnStatusReport XML file Parsing Error
25239083	3	8	DSR MMI Message Priority Configuration Sets allows the non-configured application
25228722	4	7.3	APDE Measurement export failed on SO when all Groups checked
25212716	4	8	horizontal scroll bar missing in the SDS export status screen
25211895	3	6	Permission Incorrect of awadmin keys

Bug Number	Severity	Found Release	Title
25066659	4	7.3	SDS->Configuration->Routing Entities, when deleting record, the warning info
25066594	4	7.2	Viewing Traffic Throttle Groups for Route List: xxx and Route Group: xxx sort
24976126	4	7.2	[AUT] OAM part AUT enhancement for fix of bug 24428883
24801734	3	8.1	Restarting Application on DP does not restart application
24428883	3	7.1	Incorrect connection capacity validation for IPFE I+R connection
23745073	4	7.3	Network Name is not validated correctly in Configuration-Networks-Insert
23743222	4	8	PCA activation script is not compatible to get it called from Mortar framework
23737411	3	7.3	Ss7MpId table not getting updated when SS7 Server Group is modified
23570243	4	7.3	WCAG 3.2.2 & 3.3.3 - Egress Throttle Lists value autochanging without notifying
23535933	4	7.3	System Options: General Options and Overall Accessibility
23479752	3	7.2	Delete subscriber fails when filtered by MSISDN/IMSI when >1 MSISDN/IMSI exist
23300323	4	8	WCAG 1.3.3, 3.3.2,&3.3.3 - CEX Cfg Sets Insert Edit form
23293962	3	7	Mediation CAPM_Max[Assigned]ActiveTasks values reset to 15 over upgrade
23106613	4	7.2	Global provisioning using this screen displayed on SOAM for files menu
23076857	4	7.1	DSR 7.1 PDRA install loader
23057378	3	7.2	DOIC-NOAM Shared TTG screen not refreshing within 10 seconds
22915417	3	7.2	LRGSYS: Status & Manage->Processes screen takes 90 seconds to display
22595092	4	7.1	[SEC] HTTP header Server field should be configurable
22581616	4	6	[SEC] Autocomplete is enabled
22501315	3	7	Email Address not valid while creating CSR in NOAM GUI
22153433	4	7.2	DOIC: TTG Filtering bug in Viewing TTGs for Route List screen

Bug Number	Severity	Found Release	Title
22067699	3	7.1	PCRF Pooling Migration Tool needs to be uploaded to MOS
21766436	3	7.1	SDS: Failed to Start Manual Audit
21757262	4	7.1	Display appropriate error in DSR deployment screen
21755315	3	7.2	OAM: Enhancing OAM AUT with Strict mode for error reporting
21620807	3	7.1	Unknown instance name in event report for backup instance
21553687	4	7.1	IDIH Event Data for DP server shows IPv6 address followed by"(IPv4)"
21415376	4	8.1	Document Name: Diameter and Mediation User Guide (910-6822-001 Revision A)
20440552	4	7	LRGSYS: Backup Failure Alarm 10020 seen on MPs
19209874	4	6	SNMP Notifications Contain Redundant Text
21417112	3	7.1	[NIDIH] Traffic failures during match-all IDIH trace - large system at max load
23018247	3	7.2	Restore hangs due to unexpected ping behavior when spare SO is in another networ
23509895	4	7.1	[Cloud]SDS GUI allows DP removal from Server Grp linked to remote COM Agt server
23527690	3	7.2	[DSR 7.2 ST] - Fixed Initiator SCTPMH Connections Fail to Establish when PriDown
24290504	3	8	[AW:KPI] Text in Hostname/KPI Tabs get truncated with several tabs
25129757	3	5.1	Discrepancies in the 'Connection Performance' measurement report (RxMsgRateAvg)
25409282	4	8	Oracle Banner missing from OLH
25802235	4	7.2	Incorrect redirection for CPU Utilization on Dashboard feature
25835079	2	8	DSR fails to detect add/remove Peer notification

Customer Known Bug List

Please find below the known bugs and associated Customer Impact Statements in Table 6: DSR Release 8.1 Customer Known Bugs. This information is provided for information purposes only.

Table 6: DSR Release 8.1 Customer Known Bugs

Bug Number	Severity	Found Release	Title	Customer Impact Statement
19117177	3	5.1	[239775]LRGSYS:Status data is being merged to the NO	Customer Impact: 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.
19117425	4	6.0	[239975][M2D-60.10.0-RMS]: ComAgent Connection Down on SS7-MPs w/ ACT/STBY DA-	Minimal Customer Impact: Unwanted ComAgent Major Alarms "ComAgent Connection Down" alarms for the standby DA-MP are safe to ignore.
19119355	3	5.1	[241567]Major upgrade time from DSR 41.20.1 to DSR 51.18.0 now exceeds requirement	Customer Impact: The major upgrade from DSR 4.1.5 to DSR 5.1 on a large PDRA system can no longer be executed within the maintenance upgrade window.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
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 Measurement Description: Number of diameter messages received from DRL that got rejected because diameter message size exceeded supported maximum. Measurement Group: DM-IWF Exception
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 IPv6 Addresses in Network table, those should be in expanded form like "fd0d:deba:d97c:0ee5:0000:0000:0000:0000".
19538108	4	6.0	ComAgentEgressQueue is getting full while executing 100%Fabr-Diwf Chaining Case.	Customer Impact: Performance of FABR-DIWF application chained traffic will be impacted. ComAgent Egress task utilization will be high even at relatively low traffic load.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
19846672	4	7.0	OCDRA- Average Measurements are showing half value than actual value	Customer Impact: Some of the average 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	Customer Impact: 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 4 hr maintenance window	Customer Impact: Customer may require extended and/or multiple maintenance windows to schedule upgrade activities.
20198495	3	7.0	[STP7.0] IPFE Conn starving Fixed Conn due to (upgrade related) MP outage	Customer Impact: 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	Customer Impact: None if proper number VCPUs are configured.
20293217	4	7.0	[Cloud]Shared mem is monitored by allocated mem which is not the actual used RAM	Customer Impact: Shared memory exhausted alarm (31116 - Excessive Shared Memory) may be raised even if system has unused RAM.
20347965	3	6.0	IWF Feature on VM profiles need 24G RAM to come up	Customer impact: No operational impact. This bug is relevant only for virtualized DA-MPs and virtualized SS7-MPs when we activate MAP interworking function only.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
20440390	4	7.0	LRGSYS: AppWorks SOAP Server DB ReInit Thread Stuck Sometimes	Customer Impact: 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 re-initialization will not start for any newly added servers. Workaround is available.
20495654	3	7.0	[LRGSYS] certain screens in Large Topology DSR take long time to display	Customer Impact: Screen rendering is delayed on very large topologies.
20513017	3	7.1	[IPv6] DSR ComAgent Remote Server Insert Fails First Time on Browser	Customer Impact: 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	Customer Impact: No impact to customer. Workaround has been documented in the installation guide.
20696866	4	7.0	Duplicate Parent Topic links in Online Help	Customer Impact: No functional impact.
20697000	4	7.0	Incorrect Navigation being displayed	Customer Impact: No functional impact.

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+	Customer Impact: 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	Customer Impact: 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)

Bug Number	Severity	Found Release	Title	Customer Impact Statement
20778632	4	7.1	[7.1]ESBC:Group administration Edit function of Network-Options screen broken	Minimal Customer Impact: If user makes changed 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.
20990574	3	5.1	DSR proc restart related to DC election churn caused by DC hanging on a lock	Customer impact: In the event of DC (Designated Coordinator) election churn, DSR_Process may get restarted due to OOS notification.
21273728	3	7.1	DRNO login takes a long time when former primary NO is unavailable	Customer Impact: GUI issue. This issue only occurs only 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	Customer Impact: 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.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
21452436	3	7.1	[7.1SysTest] Traffic loss when recovering a site from outage	Customer Impact: Potential traffic impact; if preferred spare has taken the active role due to active/standby being down, if and active/standby servers becomes available 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 changed the servers to "Active" during a maintenance window.
21493343	4	7.1	Local Initiate Port Values Not Shown After 6.0 to 7.1 Upgrade	Customer Impact: Potential upgrade workaround. 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.
21493608	3	7.1	Problem specifying OCS Realm or Node for SS=Specific Message for adjacent node	Customer Impact: Traffic will fail using session state on OCS node. Workaround: 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	Customer Impact: 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	Customer Impact: 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.
21554520	4	7.1	PCA SSST: Stuck SysMetricThreshold Alarms after SBR switchover	Customer Impact: 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	Customer Impact: 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.
21629948	4	7.1	SSST: Status & Manage > Processes screen does not show psbr process status	Customer Impact: 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.
21692073	3	7.1	pdbRelayMsgLogTimeStamp should be separated from the ProvOptions table	Customer Impact: No operational impact. Upgrade Backout wipes out the pdbRelayMsgLogTimeStamp causing pdbRelay to fail. This has been compensated by work-around in current Backout procedures until a SW fix is available.
21796989	4	7.1	Issue in PCA ComAgent queue full error handling	Customer Impact: 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.
21917304	3	7.1	[AppWorks]: Failure to resolve IPv6 addresses in DNS post- IPv6 migration	Customer Impact: No operational impact. Workaround has been incorporated in the IPv6 Migration Guide.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
21965489	3	7.1	[Cloud]Hardware Id is HW_UNKNOWN on KVM / Openstack	Customer Impact: Unexpected ComAgent behavior. ComAgent parameters are set to 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 Impact: 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.
22217695	4	7.1	[Cloud] Max MPS traffic alarm [i.e. 22106] does not consider MAP orig traffic	Customer Impact: 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 due to MAP originated calls. Only Diameter originated traffic is considered.
22321459	3	7.0	Eth config files not restored after swapping Mezz cards	Customer Impact: 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.	Customer Impact: Diameter signaling that requires a Policy SBR query/transaction will fail during switchover until Active server is available and normal.
22720063	4	7.2	Dashboard using incorrect source metric for DA-MP ingress MPS	Customer Impact: Diameter Common > Dashboard, DA-MP ingress MPS rate only reflects accepted traffic after validation and congestion controls. Dropped traffic manifests as failed transactions.
22829662	3	7.2	[DSR 7.2 UPG] Number of matches from DSR GUI is much larger than from IDIH GUI	Customer Impact: No signaling impact. More IDIH traces may be captured than expected.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
22864399	3	7.2	[DSR 7.2 ST] Adding DAMP server to DAMP server group failed due to DNS issue.	Customer Impact: 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.
23041283	3	7.1	[VEDSR] G9RMS: IPFE Read/Write Errors at high rate.	Customer Impact: 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.	Customer Impact. 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.
23064842	3	7.1	[VEDSR] G9RMS: 2 Simultaneous Bulk Audits result in call failure	Customer Impact: 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.
23075799	4	7.1	[VEDSR] G9 RMS: abterm Seen on DAMP over Graceful Host Shutdown	Customer Impact: No impact, as DA-MP was being shut down when abterm occurred.
23093382	3	7.2	[VEDSR] Upgrade from 7.1.x to 7.2 does not update the IPFE alarm thresholds	Customer Impact: No impact to functionality or throttling. This only affects the alarming.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
23132640	3	7.3	[DSR7.3] Issues configuring/reconfiguring PCRF records	Customer Impact: 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	Customer Impact: 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
23222826	4	7.2	System.CPU_UtilPct sysmetric is lower than expected on VM	Customer Impact: VE DSR customers should use dsr.Cpu instead of System.CPU_UtilPct as metric.
23236381	3	7.2	DOIC/ETG Maintenance screens: red cells missing 'SMS degraded' on ComAgent conn change	Customer Impact: Customer must review raised alarm to determine why cell is red.
23283553	3	7.2	SO Local node port	Customer Impact: 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.
23323324	4	7.2	DOIC-pegstat DivertedOut for TTPs are incorrect for Connection RGs	Customer Impact: 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	Customer Impact: No operational impact. Cosmetic issue only.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
23477541	4	7.2	SS7MP Server gets deleted even when transport is configured	Customer Impact: 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 Impact: 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 <99% so that yellow does not appear.
23512175	3	7.3	Egress Throttle List stuck reporting CL3 when DA-MPs are disabled	Customer Impact: 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.
23858799	4	8.0	Local Pause Update Inconsistent	Customer Impact: 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.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
24334664	3	7.3	DSR ASG feature should be TSA aware to avoid potential outage	Customer Impact: 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 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	Customer Impact: No immediate impact to traffic. Replication of configuration to downstream servers could be impacted. Workaround: Reboot the isolated server to restart the cmha process.
24370650	4	7.3	[7.3 UPG] Cloud-init service caused 2 minutes delay in VMware VM reboot	Customer Impact: 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	Customer Impact: 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.
24392971	3	8.0	SQL error observed when removing connections in parallel	Customer Impact: 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.
24479659	3	8.0	IPFE Target Set issue with BIE and gcli	Customer Impact: Exported IPFE files cannot be used for import operations.
24529517	3	8.0	Time to create Network Routes increases with the number of configure routes	Customer Impact: Customer must take into account the time it will take to create a large number of Network Routes.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
24564563	3	8.0	Network Devices added via GUI or MMI become "Discovered" on delete	Customer Impact: 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	Customer Impact: 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.
24621473	4	8.0	The SBR HA and HA health check scripts accessing tables instead of SOAP APIs.	Customer Impact: No impact to customer.
24751466	3	7.3	NGN-PS configuration mismatch between DA-MP and SBR MP	Customer Impact: 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.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
24796935	3	8.0	[AW:oampAgent] "DB Late Write Nonactive" alarm by NO during Act->Stby transition	Customer Impact: No operational impact. Alarm may be triggered when switchover of NOAM occurs. Workaround: None required.
24935222	4	8.0	LRGSYS: KPI screen taking a long time to display	Customer Impact: Potential GUI delay. On large topologies, it can take up to 90 seconds to draw the KPI screen. Workaround: None.
24957750	3	7.2	PCA SSST 8.0 :SysMetric for ComAgentIngressStackEventRate is not getting pegged	Customer Impact: No impact to traffic. Inaccurate measurement count for ComAgentIngressStackEventRate .
25028429	4	8.0	DSR Backout: invalid response from User (yes vs. y) shouldn't abort CLI Session	Customer Impact: 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	Customer Impact: 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.
25112686	3	7.0	Mediation rule upgrades from DSR 5.0 takes a long time with many Mediation rules	Customer Impact: Potential upgrade impact. Upgrade of systems with many provisioned mediation rules may take longer to complete.
25180486	4	7.4	XML import testing not taking place in SDS	Customer Impact: 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.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
25186432	3	7.1	IDIH:7.1: mediation health check failed while doing IDIH Install in VEDSR setup	Customer Impact: IDIH may require manual intervention to clean up comcol db after installation.
25231844	4	8.0	Selecting Edit button with keyboard takes you to a blank screen	Customer Impact: On the Main Menu:Diameter Common --> MPs --> Profiles screen user cannot select Edit using the keyboard. Workaround: Use the mouse to edit MP profiles.
25254213	4	8.0	Copyright visible on screen	Customer Impact: No operational impact. On the Diameter Common -> Dashboard -> Configuration -> Metric Threshold Configuration Sets screen the copyright information is present above the table description.
25261082	3	7.3	The apwSoapServer process continuously restarts on IPFE/MP, DSR 7.3 upgrade.	Customer Impact: 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.
25264670	4	7.3	Configuration report compilation can fail due to insufficient space in /var/tmp	Customer Impact: 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.
25304996	3	7.0	Contradicting EMR calculation times in Diameter UG	Customer Impact: Online help may not be clear with contradicting values of 15ms, 90ms and 100 ms at different places.
25340784	3	7.1	iDIH Number of Matches does not increment	Customer Impact: Although traces are captured as expected, user may not see IDIH Number of Matches increment.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
25379612	4	8.0	IDIH : 80.17.2: OAM GUI showing extra Mediation input Sources	Customer Impact: 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.
25462998	4	8.0	Pause update not functioning on ComAgent 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	Customer Impact: 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">

Bug Number	Severity	Found Release	Title	Customer Impact Statement
25505595	3	8.0	DSR 8.0:ST: Install OS op on guests using PMAC failed with reason as internal err	Customer Impact: No impact to traffic. Filesystem full could prevent normal operations such 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	Customer Impact: 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 the test task and it's status.
25529974	3	8.0	DSR MMI Issues in AppWorks MON URIs	Customer Impact: None. Measurement budget is not currently enforced.
25542610	4	8.0	When NMS server added user may return to a screen with addition not reported	Customer Impact: 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.
25550094	3	8.0	Help isn't updated properly in incremental upgrades for testing	Customer Impact: 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.
25575141	3	8.0	[PDRA:Recon] Disabling PDRA during USBR Recon fails with Error code 21648	Customer Impact: 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.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
25584247	4	8.0	Misleading DCA Custom Event Template Throttling Description	Customer Impact: Misleading 'Alarm Throttling Interval' description. Minimum value is incorrect. [Default = 60; Range = 0-300] should read [Default = 60; Range = 5-300].
25590495	4	8.0	DSR MMI KPI Groups not getting validated correctly	Customer Impact: 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	Customer Impact: No operational impact. Although "screen name" field of the security log displays "UNKNOWN" all applicable information is available as text in the security log.
25590566	4	8.0	DSR MMI Bulk Configurator returns wrong error for invalid filename	Customer Impact: An error will be returned for invalid filename but the error text, "Filename cannot exceed 255 characters", is incorrect.
25590581	4	8.0	DSR MMI Restrict the Resource Name to not use URI reserved keywords	Customer Impact: Customer cannot use reserved keywords in MMI URI request.
25590613	4	8.0	DSR MMI Empty visibility for some of the measurement groups	Customer Impact: More information may be provided than expected. The MMI supplies information for all Measurement Groups in the database. The visibility will be blank if the feature is not activated.
25590648	4	8.0	MMI request shall not raise exception in any error condition	Customer Impact: No functional impact. An exception is reported and logged in an error log but the error not reported in the JSON response.
25600027	3	8.0	[CfgDbReinit] Imysqld,apwSoapServer unexpectedly terminate during initialization	Customer Impact: Minimal impact as issue occurs during reboot. The impact is that the server could take longer to come into service.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
25611285	2	8.0	DB site replication errors due to repl link down after upgrade to DSR 80.21.1	Customer Impact: 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
25616683	4	8.0	Capacity Summary screen constraints inconsistent with Online Help doc	Customer Impact: Online help has an inaccuracy concerning max local nodes =32 instead of 48.
25637633	3	8.0	Unknown column 'ROLE' in 'where clause'	Customer Impact: 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
25643859	4	8.0	GUI: SBR Status screen repeating display of server groups with >25 SGs.	Customer Impact: 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 on 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 less than 25.
25651803	3	8.0	[PCA:CACD] Alarm for Degraded ComAgent Conns when USBRs removed from Session RD	Customer Impact: No functional impact. Alarm is raised for servers that do not belong to the active Session SBR Database.\n\nWorkaround: To clear the alarm, restart the SBR servers on which the alarm is raised.\n\n***CAUTION*** If any DCA application is actively sending data to these SBR servers, this workaround is NOT recommended as it may cause traffic loss.
25652240	2	8.0	[ISBR:DcaRecon] User is allowed to configure invalid USBR Recon Plans	Customer Impact: 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 is that the DCA application may start overwriting records that were created before the reconfiguration.\n\nWorkaround: None. It is recommended that Oracle personnel are involved to help the customer perform SBR Database Reconfiguration.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
25656089	3	8.0	DSR8.0:ST: ISO deployment got stuck for the site when servers got restarted	Customer Impact: During preparation for upgrade activity, if the user reboots a server while a 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.
25660736	4	8.0	Backout: SOAM returns errors with verifyUpgrade and verif Backout.	Customer Impact: The only impact is ERRORs may be returned when running verifyUpgrade and verifyBackout. The backout completes successfully. Workaround. None required. The backout completes successfully.
25669402	3	8.0	DSR 8.0:ST:VIPs not activated when servers are in same network but diff sites	Customer Impact: 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.
25694682	3	8.0	SDS All GUI Screens header box should be aligned with records with	Customer Impact: 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.
25697793	4	8.0	POST bulk/configurator fail w/ 400 response : issue connecting to hosts	Customer Impact: If this error occurs, user will need to retry the command.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
25712104	2	8.0	Fail updating MPProfile: Write to replicatated table is disallowed by actv SOAM	Customer Impact: 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.
25715817	4	7.1	Two issue found in testing bug 22910567	Customer Impact: 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.
25719122	3	8.0	[PDRA:ApplRestart] psbr abterm can occur during controlled shutdown/restart	Customer Impact: No service/traffic impact. An abterm may be generated during the process restart via GUI (Status & Manage -> Server).
25730821	3	8.0	[ISBR:HaRes] SBRs may fail to de-register COMCOL Resources when removed from RDs	Customer Impact: 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.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
25739523	3	8.0	DSR8.0:ST:ImpStore-OracleDB connection error after IDIH upgrade from 7.3 to 8.0	Customer Impact: 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)".
25800233	4	8.0	DSR8.0:ST:Error displayed wrongly in GUI when running task is cancelled	Customer Impact: Task is cancelled however may not be immediately apparent. Workaround: Long running task can be cancelled and ASU restarted.
25821719	3	5.0	SDS 5.0 to 8.0 cmsoapa upgrade issues	
26336113	4	8.1	8.1:ST:APDE exports fail sometimes due to reason as "Too many SQL Connections"	This is an intermittent issue and the MySQL operation will not complete. Moreover APDE remote server copy task is a periodic task, the same operation will re-occur and will get successful in further retry.
26329245	3	8.1	8.1:ST:export/bakp dir not getting cleaned after transfer to External remote Svr	The issue described in the bug will appear in the following scenarios: 1. User configured a Remote Server in Active Server 2. Switchover happened and user deletes the configured Remote Server before Periodic Task could have spawned. Above scenario will lead to the stale directories under /var/TKLC/db/filemgmt/.outgoing and will affect the cleanup procedure. Clean up of the Export folder under /var/TKLC/db/filemgmt area will be affected, this will lead to accumulation of these files over the time.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
26313885	4	8.1	DSR 8.1:ST: Status & Manage ->Files is not accessible from NO & throw error	In NOAM and SOAM when there will be large number of files present inside File Management Area (/var/TKLC/db/filemgmt) and user clicks on "Status & Manage -> Files" option on GUI for that server, then apwSoapServer will become slow as it will utilize the max CPU to sort the files in memory. This will impact the apwSoapserver functionality as well as that overall server performance. This is limited to OAM servers and will not impact Signaling Servers. This is a legacy issue. This issue happened because Remote Server Copy was not deleting the files after copying them to remote Server. A separate Bug will be raised to addressed this issue
26305538	4	8.1	SAMPLE-NetworkElement.xml file in DSR ISO should not contain NTP servers	No System Impact. Even if the sample file from ISO is used to create the Network Element then the NTP parameters will be ignored.
26304207	4	8.1	Setting an invalid value of "Site Upgrade SOAM Method" is not showing any error	In the "General Options" screen the "Site Upgrade SOAM Method" valid values are 0 = Serial, 1 = Bulk. User is allowed to enter any value outside the range. If user enters any invalid value, then the site upgrade method still remains in the old set state, though on general options GUI the "Site Upgrade SOAM method" will show the configured invalid value. So if the user starts a upgrade then the old set site upgrade method will be used.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
26304084	3	8.1	vSTP uses empty data messages to acknowledge peer even at high load	1. Eagle was sending traffic at rate 1 K mps on 1 M2PA link. 2. At vSTP these message are routed back to eagle after GT. 3. Apart from data messages, vSTP was acknowledging all the messages from Eagle with empty data messages. This way vSTP was sending 2 K traffic on the link, 1 K actual data messages and 1 K empty data messages. 4. vSTP should acknowledge peer user data messages with outgoing data messages to same peer instead of generating empty data messages. 5. At high load this will impact performance as this behavior is increasing the outgoing traffic.
26290407	3	8.1	8.1 Maj Upg NOAM "10134 Server upgrade operation failed", but upgrade succeeded	There will be a false alarm, but the upgrade will still be in progress. Upgrade progress can be verified from the Upgrade Screen. Moreover Upgrade logs can be verified to see the progress of upgrade.
26289514	3	8.1	ASU - IPFE is not included in ASU server list	If IPFE nodes are not configured with IP addresses, [i.e. A1/A2/B1/B2 IP addresses are not assigned] then, IPFE servers will not be visible during the Auto Site Upgrade. Upgrade documents are being updated with the necessary information.
26282737	3	8.1	8.1 VSTP-ST:Some attributes need to be removed from RAML of MAPSET MO	There is no customer/service impact. The following attributes: MessageRouteCongestion, SubsystemRoutingMessage, subsystemStatusOption in MAPSET resources are not currently used in DSR 8.0. They may be used in DSR 8.1. Since the attributes are not used, the bug suggests removing them from the interface. Removing the attributes needs changes in both MMI and Signaling module.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
26282635	3	8.1	8.1 VSTP-ST:MAPSET MMI MO, need text update for error code 50199.	The customer will see the domain of the RSP being operated in place of domain of the existing RSPs in the MAPSET in the error message.
26281960	3	8.1	[SYSTEST 8.1] Replication Alarms fail to Clear after DAMP Reboot/Server failure	This issue occurs only when a server is reset or goes isolated. This scenario occurs seldom in the field. In addition, there is a viable workaround. The impact is 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 other servers in the server group will not be updated until resolved.
26277532	3	8.1	Ss7MpId table is empty when remove and insert in one transaction	If remove existing SS7MP and insert new SS7MP in one transaction, the table Ss7MpId will become empty, that means on MP id is assigned. Then on SS7 MP, inter MP routing of TCAP messages may fail due to no ss7 MP id assigned.
26270776	4	8.1	Process Util spikes seen for pingAllLivePeer and iptablesAdm	This has no impact on the advertised performance figures. While testing smallest VM resource profile (i.e. 4 vCPUs/8G RAM), we observed an anomaly wherein pingAllLivePeer and iptablesAdm tasks results in CPU spikes. The benchmarked/advertised MPS (i.e., 6K RBAR MPS per DA-MP) has already considered these spikes and runs fine with this anomaly.
26245863	3	8.1	VSTP is treating restricted state as Available and not propagating it further.	This is only an issue in the ANSI network. In scenario where we have multiple VSTPs between end nodes, one end node will not receive TFR if route for other end node is in restricted mode.
26243446	3	8.1	Information showing as green even though HostName is incorrect	No functional impact. Error text is displayed with green background.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
26239477	4	8.1	DAMP reports an alarm of Com agent connection down when co-existing with vSTP MP	Alarm falsely raised regarding ComAgent connection when DAMP and vSTP-MP co-exist.
26235816	3	8.1	[8.1 VSTP ST] MMI: localhost allows user to input non-VSTP ipaddr	User can wrongly create connections using DAMP IP, which will not be able to process any VSTP traffic. There is no service impact on other connections in the system.
26228558	3	8.1	Alarm Name should be Readonly under Alarm Settings Tab	
26200716	3	8.1	No description for the required field, if user have options to select	Under SO GUI, Main Menu: RADIUS -> Configuration -> NAS Node -> [Insert] Either NAS Node Identifier or NAS IP Addresses is a required field, but the description does not indicate these as mandatory fields.
26199345	3	8.1	8.1 VSTP-ST:Invalid error message (MRNSET ID no longer exist), when it's not expected.	Minimal impact: it may take multiple tries to debug an MMI command with invalid data in multiple fields. The two errors which the bug talks about are: 1. MRN SET ID is not valid i.e., Error Code 071 2. MRN SET ID is provided when the RI = SSN. As of now, the software checks #1 (MRN SET ID is not valid) before checking #2 (MRN SET ID is provided only when RI = SSN). The customer will be seeing #1 on providing invalid MRN SET ID. Only when the MRN SET ID is valid, and RI is SSN, then the second error message will be shown to the user.
26199124	3	8.1	8.1 VSTP-ST:GET operation for GTA, we should either show MAPSET or MRNSET	Both mapSetId and mrnSetId is displayed to the user, even though the attribute may not be applicable to the GTA entry. The attribute mapSetId is applicable only when RI = SSN. The attribute mrnSetId is applicable only when RI = GT.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
26199079	3	8.1	8.1 VSTP-ST:GTA MO does not allow to assign DEFAULT MAPSET using PUT operation	For GTA MO configuration, there is no concept of implicitly filling the value of MAPSET/MRNSET (i.e. providing defaults). User has to explicitly configure the MAPSET/MRNSET (either default or normal) and then use the same ID when configuring the GTA MO.
26188293	4	8.1	[DASH:P&C] DSR Dashboard PCA Avg Ing MPS instead reported as RxPdraMsgRate	Dashboard screen does not include OCDRA MPS, it's showing only PDRA MPS. "SBR Sessions" under "Servers" tab SBR Sessions field is not including OCDRA Sessions count.
26187520	4	8.1	UI Style [Fonts] are not correct as per the requirements	Minimal impact: mismatch in font style on following screens: 1) Main Menu: Configuration -> Places [Insert] 2) Main Menu: Diameter Common -> Dashboard -> Configuration -> Dashboard Networks 3) Main Menu: RADIUS -> Configuration -> NAS Node -> [Insert]
26187472	4	8.1	Required field asterisk is not the correct location "Trusted Network Realms"	No impact. The GUI Required Attribute Indicator (*) for NO GUI, Under Main Menu: Diameter -> Configuration -> Topology Hiding -> Trusted Network Lists -> [Insert] -> Trusted Network Realms is located after the Text box field rather than after the label.
26186891	3	8.1	8.1 VSTP-ST:Obs Routing fail events for UDTS message without mentioning its UDTS	Minimal impact. Fix would help in debugging message discarded at MTP3 due to routing failure. With fields currently reported in event 70064 , user will not be able to differentiate whether it is UDT/XUDT or error message like UDTS/XUDTS. Additional fields will aid in troubleshooting which messages are being discarded by MTP3 due to routing failure.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
26168377	3	8.1	"Server Core File Detected" on Corvette-B after traffic run, on release 81.15.2	Minimal chance of impact in the field. It only occurred on a test system configured with insufficient disk space. Additionally, it is an uncommon occurrence for the php/httpd/logrotate issue to even create the core.
26163345	3	8.1	VSTP-2703: Add default value for connCfgSet in connections resource	No functional impact. User will have to provide the value of connection configuration set when doing POST/PUT for VSTP connections. To simplify the MMI interface, it is suggested to provide default value for connection configuration set attributes in connections resource.
26163166	4	8.1	VSTP-2711: Error Code 50019 shall be moved to localhosts resource	VSTP MMI: Error code 50019 "Local IP is not associated with any vSTP Server." is applicable to localhost resource and not connection resource. Error will be seen during connection creation and not during association of ip with local host.
26163150	3	8.1	VSTP-2714: 50089 and 50011 error text updates	Note that there is no impact on the service. The bug is to enhance the error message text for error codes 50089 and 50011 to be more descriptive.
26163118	3	8.1	VSTP-2718: Different error code shall not have same text	No impact. Error codes 50010 and 50004 have the same text.
26144316	4	8.1	SYSTEST: Status & Manage->Processes, unable to use filter function	Processes screen provides two kinds of filter- 1. Scope filtering, 2. Column filtering. Column filtering is working fine. The scope filtering is broken. Scope filtering is used to filter the available tabs. In absence of the scope filtering, user has to manually find the right tab and view the data.
26133379	4	8.1	VSTP-2409: Remove gttSetType attribute from /vstp/globaltitleaddresses	No functional impact, just confusing. The GTA contains gTTSetName, though this attribute is already configured because GTTSetName already has a gttSetType.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
26133355	4	8.1	VSTP-2410: Rename startaddress and endaddress to GTA and EGTA in GTA MO	No system impact. This bug is raised to provide clarity by renaming the attributes "startaddress" to GTA and "endaddress" to EGTA of URI /vstp/globaltitleaddresses.
26133325	4	8.1	VSTP-2417 Rename translationIndicator in the /vstp/globaltitleaddresses to xlat	No functional impact. This bug is raised to provide a more meaningful name to attribute "translationIndicator" in /vstp/globaltitleaddresses.
26133289	4	8.1	VSTP-2418: Error text updates for /vstp/globaltitleaddresses	No functional impact. Request to enhance existing error strings.
26127371	3	8.1	Vstp Error ERR_OPR_FAILED_NO_ ENTRY not uniformly used for all MOs	No system impact as this bug is to improve the usage of error ERR_OPR_FAILED_NO_ENTRY in VSTP MMI
26127354	3	8.1	Correct spelling errors in the VstpError.php file	No system impact as this bug is to fix spelling errors in VSTP Error file
26127345	3	8.1	Unused error codes need to be removed from VstpError.php.	No system impact as this bug is to clean up the unused error codes from VSTP Error file
26117631	2	8.1	VSTP should not route to PC/SSN, which is prohibited.	This is very specific scenario of loop set, which is unlikely to happen in the field. This is test case when sender is saying/advertising particular application is down (prohibited) and message are coming from same sender. While an unlikely scenario, the result would be silent discard of traffic. The VSTP should still send appropriate network or subsystem management.
26116451	4	8.1	VSTP MMI: Remove dead code related to error ERR_MAP_SET_RSP_NO T_EDITABLE	No impact. The bug is to remove dead code, which tries to generate error 'ERR_MAP_SET_RSP_NOT_EDITA BLE', however the user cannot hit this leg of code.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
26116286	3	8.1	USBR update and concurrentupdate stackevent resets the creationTime to 0	If any DCA application uses 'update' API or 'concurrentUpdate' API, the creation time of a USBR record will be reset to 0. So, the DCA application business logic cannot rely on the USBR record creation time. However, there currently is no requirement of DCA applications developed so far to use the creation time of the record.
26116216	3	8.1	VSTP MMI The error code for delete action scenario is unused	No impact to the user experience. This is a code clean up bug to remove the unused error code from the PHP code.
26116081	3	8.1	VSTP 2613: VSTP MMI GTA: Incorrect error text when invalid RSP name is provided	GUI error message displays the wrong label to the user. Label should be 'Remote Signaling Point' instead of 'Routing Signaling Point'.
26116035	3	8.1	RAML shall say that filter on statusKnown field is not supported	User will get an error on trying to filter by statusKnown attribute. The API documentation needs to be updated to reflect this.
26116005	3	8.1	VSTP-2541: VSTP MMI GTT Selector: Mismatch in Error Declaration	Only error code is displayed to the user for 50115. Error code displayed is ERR_GTT_SELECTOR_NAI_NV_MAPPING_NOT_FOUND, but error message is incomplete.
26115946	3	8.1	Vstp Linkset statusKnown shall not be a part of filterable fields	The user cannot perform filtering by statusKnown attribute.
26115890	3	8.1	Vstp Error File needs to updated for multiple issues.	Correct error code is displayed, but the following issues in associate error message: 1. User will get error message using 'link' in place of 'link set' when try to delete a link set which does not exist. 2. User will only see the error code and not error message when trying to delete a link which does not exist.
26099657	3	8.1	/vstp/connections/status URI has an undocumented alias /vstp/connectionstatus	An authenticated/authorized user will not get error on using /vstp/connectionstatus URI that is not documented in the API specification.
26030628	3	8.1	Cannot connect DSR to IDIH over xmi	Minimal customer impact as IDIH should connect via IMI.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
25979318	4	8.1	Association Measurement not implemented - VstpTxAsnSendFail, VstpRxAsnRecvFail	No traffic loss. The bug requests extra measurements required for debugging during traffic loss.
25979295	4	8.1	Create measurement to track peer transport is NULL	No traffic loss. No service impacting. These measurements are required for debugging purpose to track traffic failure.
25975532	3	8.1	VSTPRemoteHosts doesnt have check on the ipaddress.Local ip shudnt be allowed	No impact to current active connections. Remote Host can also be configured with Local IP Address (i.e. VSTP MP Address). Even though the configuration is allowed, the connection using such RSP will not be available for traffic processing.
25975473	4	8.1	M2PA link status gets displayed as UP though its down	No traffic loss or service loss. VstpLinkStatus may report M2PA link status as available after vSTP process manually stopped.
25972061	4	8.1	Conn values hyperlink cannot display IPFE I connections as fixed connections	No service impact. This bug will result in the confusing of connections filtering display. When clicking the number for "# Fixed Connections", the link redirects to the connections filtered with non-TSA connections, and IPFE-I connections should be treated as "Fixed" and displayed. When clicking number for "# Floating IPFE Connections", the link redirects to the connections filtered with all TSA connections (IPFE-I,IPFE-R.IPFE-I&R); however, IPFE-I connections should not be displayed.
25880266	4	8.1	Missing support of ASU (Auto Site upgrade) for STP function	Customer will not be able to use ASU feature for VSTP when upgrading from DSR 8.1 to a higher incremental upgrade DSR 8.1 build

Bug Number	Severity	Found Release	Title	Customer Impact Statement
25791927	3	8.1	[DSR SSST 8.1] NOAM/SOAM becomes unstable in case of AppEventLog file too large.	The issue of particular alarm getting merged to A level is fixed. Since the alarms will not fill the partition so fast nowt, the db part will get rotated and will get cleaned up before the part reaches 6 GB. If the condition persists for a long period of time and an upgrade is attempted the pre-upgrade automated health checks could fail which would halt the upgrade.
25737480	4	8.1	[DSR SSST 8.1]When we insert device,XSI IPv4 address replaces with IPV6 address.	Operator will not be able to add two devices at the same time
25573507	4	8.1	[DSR SSST 8.1] IPFE validation missing in IPFE ->Configuration->Options screen	If wrong IP address is used then TSA will not work. This will only happen when operator is configuring the IP address incorrectly. In field, operator shall use the correct IP address and verify the configuration before starting the traffic
26359297	3	8.1	[SYSTEST 8.1] SS7 KPI blank with no data after upgrade to 8.1.0.0.0-81.20.0	SS7 specific KPI is not visible from GUI KPI screen.
26357057	3	8.1	8.1:ST:tuned-adm profile not set to comcol_app after VEDSR upg from 7.x to 8.1	tuned-adm profile, which sets performance characteristics of the virtualized guest, is set incorrectly after upgrade. Workaround is published in DSR 8.1 upgrade documentation.
26225567	3	8.1	DSR8.1:ST:dsroam abterm on SO while querying in "Alarms & Events->view history"	No traffic impact. This system had 6M to 10M records in the AppEvent Log, making the MySQl queries too slow. Because of the slow query processes depending on MySQL operation will slow down, might get killed by the watchdog timer, and will get restarted automatically.

Bug Number	Severity	Found Release	Title	Customer Impact Statement
26337024	2	8.1	M2PA MsgLoss durinng ChangeOver	Potential traffic impact. When M2PA link change over happens, MTP3 shifts traffic from unavailable/faulty link to another available link. During change-over MTP3 retrieves the message from M2PA transmission queue and transmits the messages to another link. Retrieval procedure fails to retrieve all the messages in M2PA transmission queue.
26289919	4	8.0	(RBAR) User's Guide SIP URI with NAI is misleading	As per the (RBAR) User's Guide E76923 Revision 01 Examples for Impu support for NAI the example is misleading and needs to be removed Table 10 SIP URI with NAI Format: ASCII Example: sip:handy.manny@xyz.com SIP URI with Wildcarded PSI Format: ASCII Example: sip:WP-A_ServiceType-!.*!@att.com This example "handy.manny@xyz.com" is misleading. At RBAR IMPU routing element the supported format is MSISDN (With numeric (digits [0-9]) only Currently there is no support to route based on strings ('handy.manny@xyz.com') We have support for 'sip:311480999995555@my.network.org' format

Chapter 8:
Oracle References and Services

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: http://www.oracle.com/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.