

**Oracle® Communications
Diameter Signaling Router**

Release Notes

Release 5.1

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Oracle® Communications DSR 5.1 Release Notes

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Introduction

This release notice lists the Resolved and Known PRs for DSR Release 5.1.

Release Notices are distributed to customers with a new software release at the time of General Availability (GA). They are updated for each Maintenance release.

The Release Notice is available only on the Oracle Technical Network (OTN) site. For each new publication to the OTN site, the revision level of the part number is incremented. See *Locate Product Documentation* below

PR Severity Definitions

The PR sections in this document refer to PR severity levels. Definitions of these levels can be found in the following publication:

TL 9000 Quality Management System Measurement Handbook.

Locate Product Documentation on the Customer Support Site

Oracle customer documentation is available on the web at the Oracle Technology Network (OTN) 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 www.adobe.com.

Procedure

1. Log into the OTN site at <http://docs.oracle.com>
2. Under Applications, click the link for **Communications**. The **Oracle Communications Documentation** window opens with Tekelec shown near the top.
3. Click **Oracle Communications Documentation for Tekelec Products**.
4. Navigate to your Product and then the Release Number, and click the **View** link (the **Download** link will retrieve the entire documentation set).
5. To download a file to your location, right-click the PDF link and select **Save Target As**.

Resolved PRs

Table RN-1 DSR Release 5.1 Resolved PRs lists PRs that are resolved in the following builds:

Application Lineup

- DSR 5.1.0-~~51.20.051.19.1~~

Platform Lineup

- ~~TPD 6.5.2-82.35.0~~
- ~~TVOE 2.5.2-82.35.0~~
- ~~PMAC 5.5.0-55.19.0~~
- ~~Comcol 6.2-p321~~
- ~~Appw 5.5.0-55.46.1~~
- ~~Exgs 6.6.0-66.18.0~~
- Firmware 2.2.5 TPD 6.5.2-82.36.0
- TVOE 2.5.2-82.36.0
- PMAC 5.5.1-55.19.0
- Comcol 6.2-p322
- Appw 5.5.0-55.47.0
- Exgs 6.6.0-66.19.0
- Firmware 2.2.5

Above listed load line-up provides a view of our GA milestone release. Firmware release is addressed by independent manufacturer (e.g., HP) and will have additional release guidance and requirements. We recommend review of this section prior to system and/or node upgrade.

NOTE: Resolved PRs are sorted in ascending order by Severity (Sev), and then by PR number.

Table RN-1. DSR Release 5.1 Resolved PRs

PR_number	Severity	Title
236450	1-Critical	AT&T: SDS upgrade converts bond1 bonding mode to load balancing (round-robin)
237670	1-Critical	Comagents Fails When Disk Space is Exhausted
236852	2-Major	inetrep deadlock on TopologyChannelMgr lock
222130	2-Major	P-DRA B-scope restore can break PCRF FQDN-ID configuration
235175	2-Major	Sessions/bindings lost during recovery of the Primary site enclosure failure
237564	2-Major	Topology hiding does not work correctly on AAA with non-2xxx result code.
234105	2-Major	psbr process fails to come into service due to Comcol stuck "atom" lock
234339	2-Major	Slave CCR-I after 12 Polling attempts returns with the incorrect Error Code response
225476	2-Major	P-DRA Early Binding Race Condition - Long-Term Solution
234098	2-Major	PSBR process registration to cmHa is rejected by cmHa after losing & reestablishing cmHa heartbeats.
234103	2-Major	psbr process abtirmed in AT&T lab.
239474	2-Major	DAMP server lost COMCOL replication channel in one direction after ethernet switch reset
233358	3-Minor	[GUI] DSR measurement peg TmConnEnabledNotAvail tooltip description update
220328	3-Minor	Scalability-Insert LN in a 1+0 system without MPs should raise error
232012	3-Minor	ADIC Found Error(Alarm #31128) and DB Disk Store Fault(Alarm #31118)found on NO after DRNO Recovery Procedure
231164	3-Minor	PDRA - Many problems in Post Upgrade Health Check procedure
238176	3-Minor	alarm event "22328 - Ingress MPS Rate" not listed in documentation

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PR_number	Severity	Title
232509	3-Minor	[PDRA]: A and B level PCRF tables out of sync
235209	3-Minor	View-only user has access to two Diameter configuration parameters
234968	3-Minor	Duplicate Entries in 'Diameter->Maintenance->Connections->{SCTP Statistics}'
229928	3-Minor	DSR 4.0.2: RoutingOptionSet table has '0' for Transaction Lifetime for new ROS
199309	3-Minor	GUI - Route Group and Route List Maintenance screen not updating correctly when deleting the respective Peer or RG.
215651	3-Minor	DSR GUI: Application and Peer Routing Rules cannot filter with LIKE operator for App ID and Cmd Code
215651	3-Minor	DSR GUI: Application and Peer Routing Rules cannot filter with LIKE operator for App ID and Cmd Code
220486	3-Minor	Security Logging: Action column is set to "UNKNOWN" When edit of a connection is Cancelled
232476	3-Minor	DSR 5.0 Default Capacity Config Set Edit GUI missing a Default value
233070	3-Minor	Incorrect information displayed in DSR Error code 19088 19184
234589	3-Minor	Miscellaneous OAM issues found during DSR 50.16 build OAM sanity
233757	3-Minor	DSR GCLI - ArrayOfReservedMccRanges is an array of MpProfiles ??
239415	3-Minor	values in Alarm Threshold Options NOT successfully migrated after Upgrade
231253	3-Minor	LRGSYS:CMP and MPE failover after adding secondary site MRA
239006	3-Minor	connections / maintenance - Links going "red unk"
222130	3-Minor	P-DRA B-scope restore can break PCRF FQDN-ID configuration
214779	3-Minor	[RBAR/FABR BIE] Some exported text fields missing double quotes
214779	3-Minor	[RBAR/FABR BIE] Some exported text fields missing double quotes
230357	3-Minor	PDRA DSR system getting multiple 31215 events
221228	3-Minor	EMRT: Configurable Connection Pending Transaction Limit cannot be changed while connection enabled
221228	3-Minor	EMRT: Configurable Connection Pending Transaction Limit cannot be changed while connection enabled
220100	3-Minor	[GUI] Color the cells the same as the row color when no connection configured for the peer
221059	3-Minor	DSR GUI: EMRT Config Set View - Abatement Threshold Level 2 missing filtering operators
214666	3-Minor	DSR GUI: 'Delete' CEX Configuration Set confirmation message needs update
222233	3-Minor	DSR GUI: Command Code screen incorrectly reports 0 matching records
225476	3-Minor	P-DRA Early Binding Race Condition - Long-Term Solution
231212	3-Minor	Inability to select multiple servers for Prepare, Complete, and Accept adds too much time to large system upgrades
232131	3-Minor	Update needed for DSR network routes screen of online help
224289	3-Minor	PDRA: keyexchange and awpushcfg WRT multiple sites in UG006419
236829	3-Minor	DSR NOAM VM profile needs to be updated for large deployments
237388	3-Minor	LRGSYS:Status & Manage -> Server screen not working for large system
232095	3-Minor	PDRA: Event 22716 for PendingRar table not generated hourly.
234490	3-Minor	DSR On-line help does not describe Alarm Event 22328 - Ingress MPS Rate
222503	3-Minor	OAM GUI: Error Code 19138 is used twice in the code
207509	3-Minor	RBAR GUI: Ok and Apply buttons not disabled after inserting or editing an entry
224366	3-Minor	Clicking on "Peer Node" name while editing Route Group causes Provisioned Capacity to disappear

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PR_number	Severity	Title
224828	3-Minor	Pending Answer Timer Value accepts non-numeric characters
229950	5-Enhancement	DSR NOAM SW needs to be backward compatible with older SOAM SW
233604	5-Enhancement	IPFE - Init 6 during incremental upgrade impacts traffic and upgrade duration
226503	5-Enhancement	PCRF Removal Procedure to be added to PDRA online help

Customer Known PRs

Table RN-2 DSR Release 5.1 Customer Known PRs lists known PRs in the following builds:

Application Lineup

- DSR 5.1.0-51.~~20.49.40~~

Platform Lineup

- [TPD 6.5.2-82.36.0](#)
- [TVOE 2.5.2-82.36.0](#)
- [PMAC 5.5.1-55.19.0](#)
- [Comcol 6.2-p322](#)
- [Appw 5.5.0-55.47.0](#)
- [Exgs 6.6.0-66.19.0](#)
- [Firmware 2.2.5](#)
- ~~[TPD 6.5.2-82.35.0](#)~~
- ~~[TVOE 2.5.2-82.35.0](#)~~
- ~~[PMAC 5.5.0-55.19.0](#)~~
- ~~[Comcol 6.2-p321](#)~~
- ~~[Appw 5.5.0-55.46.1](#)~~
- ~~[Exgs 6.6.0-66.18.0](#)~~
- ~~[Firmware 2.2.5](#)~~

Above listed load line-up provides a view of our GA milestone release. Firmware release is addressed by independent manufacturer (e.g., HP) and will have additional release guidance and requirements. We recommend review of this section prior to system and/or node upgrade.

NOTE: Known PRs are sorted in ascending order by Severity (Sev), and then by PR number.

Table RN-2. DSR Release 5.1 Customer Known PRs

PR Number	CSR	Severity	Title	Customer impact	Status	Disposition
239988		2-Major	Replication failure on standby server is also causing the replication failure to spare server because of replication barrier.	If replication to the Standby PSBR server fails, the replication barrier will also prevent replication to the Spare PSBR server. This would mean a potential loss of Session/Binding data if the Active server fails.	Resolved	Defer

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PR Number	CSR	Severity	Title	Customer impact	Status	Disposition
240113		2-Major	[POOL] – Alternate routing of new bindings to the mate of a mated pair PDRA is not functional in PCRF Pooling.	<p>If a DSR 4.1.5 customer has configured connections between mated DSR sites for alternate routing of new binding requests when the route group to the PCRF is unavailable, upon upgrading to DSR 5.1, then enabling PCRF Pooling, this functionality will not work.</p> <p>In DSR 4.1.5, this functionality may work, although possibly in an unexpected manner, because P-DRA always inserts a Destination-Host AVP. The destination host selected by round-robin may not be in the route group selected by DSR.</p> <p>With the introduction of PCRF Pooling in DSR 5.1, P-DRA only selects a PCRF Pool, not a PCRF. PCRF Selection is left to DSR PRT rule selection on egress. P-DRA relies on DRL to add or overwrite the Destination-Host once a Peer Node is selected (assuming peer node is configured to do so).</p> <p>If the route group associated with the PCRF Pool cannot be used, and the customer wants to alternate route to the mate DSR, the signaling will fail due to missing or incorrect Destination-Host.</p>	Resolved	Defer

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PR Number	CSR	Severity	Title	Customer impact	Status	Disposition
240302		2-Major	P-DRA Session SBR access errors at > 15M records per server group	<p>P-DRA Diameter transactions could fail due to session SBR access errors when the number of records in a session SBR server group exceeds ~15M records.</p> <p>When a Session PSBR exceeds 15M records, timeout errors can occur when the database is running database integrity internal audit. The database integrity internal audit will run once a day and it will check the entire server group database fragments and spread out the audit of fragments through the entire day. The audit would only affect the system for a few seconds in a day.</p> <p>Session PSBR timeouts will affect Diameter traffic in the following ways:</p> <p>1) Gx CCR-* messages will succeed however, if a timeout does occur the PDRA DA-MP will initiate a RAR message to the PCEF including a Session-Release-Cause AVP. This will request the PCEF to tear down the Gx Session with a CCR-T.</p> <p>2) Topology Hiding: For both Gx and Rx messages, if Topology Hiding applies to In-Session messages including CCR-U, CCR-T, AAR, & STR. It does not apply to Gx Session creating CCR-I or Rx Session creating AAR messages.</p> <p>For these In-Session messages, a timeout would result in an Diameter Answer message being returned with the Result Code value of the "Binding Not Found" Error Code scenario.</p>	Resolved	Defer
241571		2-Major	PDRA: Spare binding and session PSBR remain OOS after site failure	<p>On a large mated pair with multiple binding and session server groups in active/standby/spare, simulate a site failure by powering down all of the enclosure switches on one site. Then, power the enclosure switches back on. The result is loss of pSBR site redundancy until the cmHA process is restarted or pSBR server(s) is rebooted.</p>	Resolved	Defer

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PR Number	CSR	Severity	Title	Customer impact	Status	Disposition
220954		3-Minor	P-DRA: Remove AddAppInvokedAvp and PdraRelayDiscardMsgOption from PdraEndgValues table	No customer impact.	Resolved	Defer
221240		3-Minor	P-DRA unused/invalid loader file entries	No customer impact.	Resolved	Defer
224425		3-Minor	PDRA - Wrong error code when the entry no longer exists	On the PCRFs view window and Topology Hiding window, editing an entry that has been deleted in a separate user session displays an error, but not the correct error.	Resolved	Defer
229590		3-Minor	PDRA: "Congestion Options" GUI does not appear on the SOAM as a view-only screen	Policy DRA-> Congestion option should be a read-only screen on SOAM GUI, but it does not show up in SOAM GUI. Customer can view and configure Congestion option from NOAM GUI.	Resolved	Defer
233904		3-Minor	Unable to continually view the Active Tasks screen	No operational impact. Tasks are not impacted. The impact is that customer will not be able to see all current tasks. Customer will require Oracle support to clear the long running task on the mate server.	Resolved	Defer
234101		3-Minor	The psbr process must set its HA state to OOS when it loses connection to the cmHA	If a PSBR server loses cmHA heartbeat with its peer due to IP network connectivity issue, the psbr process may remain OOS indefinitely.	Resolved	Defer
234569		3-Minor	Measurements existing before upgrade are lost after upgrade from 4.0.2 to 5.0.0	Pre-upgrade measurements data can be lost intermittently. Make sure that measurements are exported before upgrade of a site to minimize any potential loss of measurements data.	Resolved	Defer
236181		3-Minor	[GLA] Online help needs to be added for the GLA feature	Customers may view a broken link - "Topic Not Found" error when attempting to access help from the GLA Configuration screen. However, customer documentation containing GLA configuration information is available online.	Resolved	Defer
236264		3-Minor	[POOL] GUI:Failed to edit the group 'admin' permission on GUI	User is unable to edit the admin permissions from GUI.	Resolved	Defer
236326		3-Minor	LRGSYS:During server configuration operations, inetmerge fails to release RAM that is no longer needed.	In a very large system, RAM utilization gradually increases when performing a lot of server configuration activities.	Resolved	Defer
236407		3-Minor	DSR: Description of Peer Node's Alternate Implicit Route is incorrect	No functional impact, but the current description could cause the user to misunderstand the functionality of Alternate Implicit Routing.	Resolved	Defer

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PR Number	CSR	Severity	Title	Customer impact	Status	Disposition
236726		3-Minor	[POOL] Last Updated field does not get updated on Pcrf SubPool Selection Rule insert screen	Last Updated field does not get updated when user click 'Apply' button on Pcrf SubPool Selection Rule insert screen. No functional impact.	Resolved	Defer
236806		3-Minor	[POOL]GUI: Remove red asterisk for PRT name on PCRFP2PRT Mapping Edit screen	No customer impact. But this issue will mislead the customer about filling of PRT name under Policy DRA -> Configuration -> PCRF Pool To PRT Mapping.	Resolved	Defer
236830		3-Minor	[POOL] Incorrect description in confirmation dialog when PCRF Pool maps to an APN on PCRFP2PRT edit screen	No customer impact. But the customer will not be warned by confirmation dialog that the current PCRF Pool under change is currently used for bindings originating from at least one APN.	Resolved	Defer
236896		3-Minor	DSR: Timer pegs do not have expected resolution	Timer pegs will not accumulate sub-second intervals, so they are not a reliable measurement. These are the measurements that begin with "Tm".	Resolved	Defer
237139		3-Minor	[POOL] GUI: Missing error code 21200 when PCRF Peer Nodes are already configured	The customer may mis-insert a non-qualified PCRF into PCRF list.	Resolved	Defer
237171		3-Minor	[POOL]GUI: No error displayed on PCRFs screen when field contains invalid input	This issue may cause invalid characters(like non 7-bit ASCII printable characters) to be inserted into "Comments".	Resolved	Defer
237476		3-Minor	[PDRA] MSISDN should only support 15 digits	No customer impact. The customer will not be able to see an alarm when the length of MSISDN is greater than 15, but typically the length of MSISDN in the customer network should be 15.	Resolved	Defer
237820		3-Minor	[POOL] GUI: Display the time zone as abbreviation in Binding Query Report	No customer impact. Time Zone is just displayed in a different format than our internal requirements specify	Resolved	Defer
237907		3-Minor	[POOL] GUI Missing red asterisk in Binding Key Priority screen for Binding Key Type	No customer impact.	Resolved	Defer
237916		3-Minor	[GxP]: Measurement TxPdraAnswersGeneratedForDiameter Err is not pegged for event 22706	Certain measurement peg counts for Gx' messages are not pegged in the required way.	Resolved	Defer
238022		3-Minor	[POOL] BIE: Remove unused fields in Congestion Options CSV file	No operational impact.	Resolved	Defer
238071		3-Minor	EDL: validation logic is incorrect	Malformed peer-to-peer messages may result in connection drop.	Resolved	Defer

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PR Number	CSR	Severity	Title	Customer impact	Status	Disposition
238286		3-Minor	Device Configuration - after "Take Ownership", enslaving configuration on server is incorrect	No functional impact. "baseDevice" will not be visible for bonded interfaces on GUI under "Configuration -> Network -> Devices".	Resolved	Defer
238361		3-Minor	DSR GUI: Application Route Table screen shows flat list of rules	Application Route Table GUI configuration form can get into a incorrect state. User will get error, and must re-start the GUI form.	Resolved	Defer
238733		3-Minor	P-DRA CongOptions BIE format contains way too many fields	No impact. Extra fields in the form may be left blank.	Resolved	Defer
238878		3-Minor	GLA does not add Failed AVP for 3xxx result code when IMSI and MSISDN present	Customer would need to use the following workaround. The workaround for this issue is to use the intended Diameter result code for this error case, 5007, Conflicting AVPs. That will result in IMSI and MSISDN being present in the answer message.	Resolved	Defer
239435		3-Minor	Auth-Application-Id AVP validation in DSR 5.1 with PDRA activated	No impact. RAR messages without an Auth-Application-Id AVP are routed without any error. If one of the end points fails the call because of the missing AVP, DSR will be notified of the failure.	Resolved	Defer
239559		3-Minor	[POOL] – PsbrFindBindDbErr measurement pegging but no events or alarms being generated.	An exception measurement pegs but there is no user information to determine any failure. Peg may or may not be valid at this point. No signaling failures observed.	Resolved	Defer
239575		3-Minor	[EAVP] Incorrect Result Code for Gx Prime DRL Queue full scenario	In DRL queue full error scenarios, for Gx Prime message, the result code is set to the Gx Result code(2002) instead of GxPrime Result Code(9002) in the Error Code configuration screen.	Resolved	Defer
239578		3-Minor	EAVP: Measurement TxPdraAnswersGeneratedForDiameterErr is not pegged for DRL Queue full error condition	10833:TxPdraAnswersGeneratedForDiameterErr is supposed to be pegged for error condition DRL Queue full when trying to route a Request. In P-DRA Diameter Exception report, only TxCcxMsgDiscardedDueToDrlQueueFull is pegged but not TxPdraAnswersGeneratedForDiameterErr. Same is the case for Rx and GxPrime messages.	Resolved	Defer
239703		3-Minor	[POOL] Validation needed on Session-Id AVP	Allows for an invalid Session-Id to be used for reference and passed on to the PCRF. If the PCRF rejects the message because the Session-Id is not valid, then PDRA will handle that. However, if a client sends a "blank" Session-Id, we may not be able to create the session, even if the PCRF OKs the request.	Resolved	Defer

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PR Number	CSR	Severity	Title	Customer impact	Status	Disposition
239747		3-Minor	PDRA: Last audit report for one of the old binding tables is not generated after migration is completed	The last audit report before migration completes will be delivered. This is the only audit report missing. All audit reports prior will be delivered. All audit reports post-migration will be delivered.	Resolved	Defer
239775		3-Minor	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.	Resolved	Defer
239775		3-Minor	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.	Resolved	Defer
239800		3-Minor	PSBR: In Pending RAR audit report, Num of Release PendingRar records not added is not correct	Inaccurate measurement count. Pending RAR audit report has data 'Number of Release PendingRar records not added due to max capacity'. But the report does not show the count of Release PendingRar records that could not be added because another record with same session id but different alternate key had already been added.	Resolved	Defer
239854		3-Minor	[POOL] – BIE – PCRF Pools screen, the PCRF Pool Name "Default" value being deleted by Bulk Import/Export.	Customer could delete the Default PCRF Pool Name value unknowingly, especially if the user follows the same logic that other attempts to delete the Default values are not allowed.	Resolved	Defer
240158		3-Minor	[Upgrade] – Browser hangs with connection error when NOAMP switches activity with the prepare action.	When upgrading PDRA systems it was sometimes observed that the browser hangs and will not refresh back to the login screen when the second NOAMP was "Prepared" (Upgrade screen). This would be the currently active NO. The failover does occur and the other NO does becomes active, verifying via a terminal window connected to the NO VIP as well as opening a new browser window/session. The browser displays the "Connection error..." in the upper left hand corner of the GUI. The user can refresh the browser for the login screen to appear.	Resolved	Defer

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PR Number	CSR	Severity	Title	Customer impact	Status	Disposition
240283		3-Minor	Alarm Thresholds for psbr.MemPerTotal need to be increased	Customer may find system default settings, 70% minor, 80% major and 90% critical are not optimal for their network. If the default settings need to be changed they can be adjusted with help from Oracle support.	Resolved	Defer
240355		3-Minor	PDRA: Services configuration not used for SOAP query for PCRF configuration	If the customer wanted to use a different network for SOAP queries, they would not be able to.	Resolved	Defer
240612		3-Minor	Tekelec information showing up in Eclipse Help title	No operational impact.	Resolved	Defer
240743		3-Minor	[PDRA] APN case is not saved when inserting an APN for which an existing retired APN exists with a different case	No operational impact. If a new APN (APN never existed, ie. no retired APN exists either) is configured in the GUI the case is stored correctly. For example provision two APNs, "ABC" and "def", and they would be stored exactly as typed (one uppercase, one lowercase). However, the APN "ABC" is deleted and then an APN with value "abc" (only difference being I changed it to lower case) is added, the APN is added, but still shows up as "ABC". The system will still work properly, but it may confuse the customer as to why case was not saved on the second "ABC" APN.	Resolved	Defer
240748		3-Minor	Software Management Upgrade screen constantly displays backup in progress for upgraded SOAM	After upgrade, if "Backup in Progress" is displayed on the upgrade screen, any defunct long running task processes must be deleted. Please contact support for assistance.	Resolved	Defer
240754		3-Minor	[POOL] Spares taking too long to give up active status	User will need to use the active server IP address until VIP is available. System will prevent the user from using the primary VIP to access the system. It will take a full hour for the primary VIP to be active after the Spare finally gives up its active status.	Resolved	Defer
240757		3-Minor	Online Help- Diameter Mediation Glossary does not load	No impact. Customer can access to the Mediation documentation via PDF in OTN (http://docs.oracle.com/cd/E54230_01/index.htm)	Resolved	Defer
241131		3-Minor	PDQ report header does not show HA state of NOAMP server	No operation impact. The report that gets saved will not reflect the HA status of the NOAM server that generated the report.	Resolved	Defer

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PR Number	CSR	Severity	Title	Customer impact	Status	Disposition
241148		3-Minor	KPI Groups Should Indicate the Features They Reflect	No operational impact. Documentation does not indicate the KPI group labeled "SBR." is only applicable to the CPA function.	Resolved	Defer
241152		3-Minor	Alarms not contained in Documentation	Alarm description/resolution could be unclear to the customer.	Resolved	Defer
241339		3-Minor	apwSoapServer booted due to an error during route audit	User will see alarm 10009(Config and Prov DB not yet synchronized) on the GUI, but signaling traffic is unaffected. The alarm can be cleared by rebooting the affected NO.	Resolved	Defer
241437		3-Minor	DSR GUI should not allow users to remove servers from server groups if it is referenced by IPFE target set	The DSR GUI currently allows the user to remove a server from a server group even though that server is referenced in one or more IPFE target sets.	Resolved	Defer
241454		3-Minor	PDRA: Measurement 11311 TxPdraAnswersGeneratedConfigErr is not pegged for condition "no PCRF ID being found in PCRF table"	No signaling impact. This measurement is not pegged in this condition.	Resolved	Defer
241550		3-Minor	Values set in SysMetricThreshold table by upgrade loader are overridden.	<p>The Sysmetric thresholds for Alarm 22724 (Session Threshold) are reset to default values during upgrade.</p> <p>The workaround is to use the GUI; Main Menu: Policy DRA -> Configuration -> Alarm Settings to set the values as shown below for "Policy SBR Sessions Threshold Exceeded" after for upgrade.</p> <p>minor: 85% major: 90% critical: 95%</p>	Resolved	Defer
241561		3-Minor	PDRA - Application enabling on DA-MP when some SBR resources are not available	<p>The DA-MP server will come into service even if it does not have a valid connection to all Binding and Session sub resources. If it has connections to some Binding and Session sub resources it will come into service.</p> <p>The intention was for the DA-MP to provide no service until it has all connections. It will instead provide some service.</p>	Resolved	Defer

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PR Number	CSR	Severity	Title	Customer impact	Status	Disposition
241603		3-Minor	[POOL] SO Site Option configured PRT removal could look cleaner (major upgrade)	No operational impact.	Resolved	Defer
241604		3-Minor	[POOL] MSISDNs rebound to new IMSI on different PCRF not updating original MSISDN correctly	No impact to customer. It just deals with which tables are used.	Resolved	Defer
241606		3-Minor	idbsvc abtirmed on stdby binding pSBR with large number of binding records	Loss of redundant binding pSBR until process restarts.	Resolved	Defer
241615		3-Minor	[POOL] BIE- PCRF Pool to PRT Mapping import errors when when no APN is mapped to Pool	User could encounter errors with Bulk import when there is a misconfiguration.	Resolved	Defer
241655		3-Minor	Connections associated with the secondary IP address of an IPFE set can't be administratively enabled	When a connection (TCP or SCTP) is configured with a secondary IPFE target set IP address as its primary local IP address, such a connection won't be able to be enabled, and no traffic will be able to go through such a connection. The workaround is to use the primary IPFE target set IP address for the primary local IP for the connection.	Resolved	Defer
241724		3-Minor	PDRA: Full disaster recovery puts application in unstable state	This can extend the duration of the disaster recovery and requires Oracle support to resolve.	Resolved	Defer

Oracle References and Services

Customer Access Support (CAS)

The Oracle Customer Access Support (CAS) is your initial point of contact for all product support needs. A representative takes your call or email, creates a Customer Service Request (CSR) and directs your requests to the Tekelec Technical Assistance Center (TAC). Each CSR includes an individual tracking number. Together with TAC Engineers, the representative will help you resolve your request.

The CAS is available 24 hours a day, 7 days a week, 365 days a year, and is linked to Engineers around the globe.

Oracle Tekelec TAC Engineers are available to provide solutions to your technical questions and issues 7 days a week, 24 hours a day. After a ticket is issued, the Engineer determines the classification of the trouble. If a critical problem exists, emergency procedures are initiated. If the problem is not critical, normal support procedures apply. A primary Technical Engineer is assigned to work on the ticket and provide a solution to the problem. The ticket is closed when the problem is resolved.

Contact CAS by:

Phone: 1-800-223-1711 (toll-free, within continental USA and Canada) or see <http://www.oracle.com/us/support/contact/index.html> for the phone number of your local country.

When calling, make the following selections on the Support telephone menu:

- Select 2 for New Service Request
- Select 3 for Hardware, Networking and Solaris Operating System Support
- Select 2 for Non-technical issue

You will be connected to an live agent who can assist you; simply mention you are a Tekelec Customer new to MOS and they will be happy to assist you.

Emergency Response

In the event of a critical service situation, emergency response is offered by the Customer Access Support 24 hours a day, 7 days a week. The emergency response provides immediate coverage, automatic escalation, and other features to ensure that the critical situation is resolved as rapidly as possible.

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

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

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