

**Oracle® Communications
Tekelec Policy Management**

Release Notice

Release.9.7.2

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Introduction

This release notice lists the Resolved and Known PRs for Policy Management Release 9.7.2. Release Notices are distributed to customers with a new software release at the time of Product Availability. They are updated for each Maintenance Release.

Upgrade Paths

9.7.2 supports the following Incremental upgrade paths for Rack Mount servers

	From	To
CMP	9.7.1	9.7.2
MPE	9.7.1	9.7.2
MRA	9.7.1	9.7.2
Mediation	9.7.1	9.7.2

NOTE:

- Any upgrade other than listed above is not recommended or supported.
- 9.7.2 is supported as a new/fresh installation.
- It is recommended to upgrade in the following order
 - CMP
 - MRA
 - MPE
 - Mediation

Load Lineup

This version of Policy Management 9.7.2_12.1.0 includes:

Application Lineup

- CMP [9.7.2_12.1.0]
- MPE [9.7.2_12.1.0]
- MRA [9.7.2_12.1.0]
- Mediation [9.7.2_12.1.0]

Platform Lineup

- TPD 5.1.2-73.8.0
- PMAC 5.0.3
- TVOE 2.0.2

PR Severity Definitions

The PR sections in this document refer to PR severity levels. Definitions of these levels can be found in the TL 9000 Quality Management System Measurement Handbook.

Resolved PRs

Table RN-1. NOTE: Table RN-1 Policy Management 9.7.2 Resolved PRs

PR #	CSR#	Severity	Title
19117463	N/A	3-Minor	[240001] Support Data Coupon Service
19319239	N/A	3-Minor	Support Integration with OCUDR
19516722	N/A	3-Minor	Enhancement for updating OPMD main user and sub user in short duration
20072521	N/A	3-Minor	Workaround for ToD feature enhancement

Changes to advanced settings in MDF:

- MEDIATION.MDF.MAPPING.TOPOOLFIELDS.Custom50=Custom10
- MEDIATION.MDF.MAPPING.TOPOOLFIELDS.Custom51=Custom11
- MEDIATION.MDF.MAPPING.TOPOOLFIELDS.Custom54=Custom14
- MEDIATION.MDF.MAPPING.CUSTOMFIELDS=Custom50,Custom51,Custom52,Custom53,Custom54
- MEDIATION.MDF.MAPPING.TOPOOL_ONCHANGED_FIELDS=MSISDN,LTE,SOC,SOC_TYPE,OPMD_SUB_IMSI,Custom50

Changes to advanced settings in MPE:

- KT.SeamlessQuotaGroups=AL0_Pass,DATA_Plan,Coupon_Pass|Pool_AL0_Pass,Pool_DATA_Plan,Pool_Coupon_Pass
- SH.TrackUpdateProfileFields=SOC,SOC_TYPE,DATA_LIM,STYLE_A,Custom10,Custom11KT.EnableToDReqFilter=false
- KT.ToDReqFilter=User.SOC_TYPE=STYLE|METER,User.LTE=1,Request.calledStationId=lte.ktfwing.com|lte150.ktfwing.com|redirect.ktfwing.com,CurrentTimePeriod=User.TIME_CON["T1"]|User.TIME_CON["T2"]
- KT.TimePeriodMapping=1:TOD1,2:TOD2,3:TOD3 //change the mapping accordingly based on KT's requirement.

Customer Known PRs

Table RN-2. Policy Management 9.7.2 Customer Known PRs

PR #	CSR#	Severity	Title	Customer Impact
19565439	n/a	3-Minor	Request savelog to collect more information.	Current save logs do not include MRA configurations or CMP audit logs. Work around is, run separate command to get the info. Legacy weakness.
19785669	n/a	3-Minor	[Quota Management] MPE record the quota granted from AL1 to DATA_LIM	The impact is that the reported quota usage will be accumulated to DATA_LIM instead of AL1, but since both DATA_LIM and AL1 quota are same type of quota which is used for normal internal traffic, there wouldn't be any business issue and it's more like a display issue.
19799526	n/a	3-Minor	[Quota Management]MPE did not correctly handle the pool catch under raceconditio	Race conditions may happen when there are many subscribers in a pool and the sessions are distributed across different MPEs, when out-of-sync of PUR occurs, the last reported usage of mVOIP may get lost.
19813228	n/a	3-Minor	Changing data source will cause no SH traffic.	The issue was reported when the partner didn't follow suggested procedure to change data sources, they changed the data source at random causing Sh traffic to get hung, this issue can be avoided when changing the data sources in suggested procedure
19820399	n/a	3-Minor	MPE didn't tear down the connection with SPR before failover	The impact is, sometimes MPE does not send DPR to SDM during fail-over process. And when issue happened, it causes 15s connection down from new active blade.
19820823	n/a	3-Minor	[242457][Quota Management] After update OPMD from 0 to 1, MPE reactive session	When a normal user who has consumed all quota becomes an OPMD main user, sometimes the MPE may re-grant the quota, instead of keeping disable quota.
19855580	n/a	3-Minor	[mpe][multi data source]CamiantPoolQuotaData was lost in PUR	The impact is, the pool quota update usage may get lost when MPE connecting to two or more data sources. Since 9.7.2 does not commit to support multiple data source, we defer it to 9.7.3
19855709	n/a	3-Minor	[other][multi dataSourc]MDF sends PUR with error sequenceNumber to second SH SPR	The customer impact is when MDF connecting with two SPR data source, the quota report from Samsung SPR will be failed. This user scenario only happens in the migration, which KT does not need for 9.7.2. So defer to 9.7.3
19880519	n/a	3-Minor	There is RAR to grante INT while register sytle when base quota is not used up	In RAR INT quota is re-granted in case of dependent grant case and VOIP is exhausted. It doesn't affect business.

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PR #	CSR#	Severity	Title	Customer Impact
19946766	n/a	3-Minor	Historical plot(trending report) of Interval MaxMRABindingCount is incorrect	The customer impact is, Report display in CMP GUI is incorrect at monment of EST Daylight saving time end. No impact to Korea Telecom Customer because EST Summer time is not used in KT commerical network. [Work-around] Use Korea Time Zone instead of EST
20023446	n/a	3-Minor	[Subscriber Tracing]Sub trace log of SDM interface lost line feed character	The customer impact is the OCUDR SOAP response contains embedded CDATA which lead the MDF subscriber trace log lost line feed. This is a user friendly issue when reading the sub-tracing log. So defer to 9.7.3
20082775	n/a	3-Minor	[CMP] mediation quota mapping support monitoring key.	This is an engineering enhance for quota mapping configuration. We defer to 9.7.3
20084299	n/a	3-Minor	Clicking occurence link does not list subscriber tracing log by the time order.	The customer impact is the time order not taken effect if user click the occurrence link more than one time. The work around is that operator quit current page and re-enter the page. Minor CMP GUI issue. Defer to 9.7.3
20135776	n/a	3-Minor	[SDM]MPE wrongly recorded the usage to Pool_DATA_Plan after changing 0 to 1	When a user using ALx quota becomes OPMD main user, the next reported USU may not be recorded to ALx quota, but reported to pool_Data_plan. The impact is small because overall quota usage should be correct.
20140729	n/a	3-Minor	[SDM]MPE should not re-grant data service in RAR while changing OPMD from 0 to 1	Extra quota is granted when user used up the quota and then becomes a pool member. Same as Bug 19820823
20159072	n/a	3-Minor	[SDM+Coupon]Last USU for one sub user is not recorded to next coupon	This bug can only happens on OPMD users, when it happens, the previous USU may not be recorded into pool quota usage and get lost.It doesn't happen every time.
20159157	n/a	3-Minor	[Coupon]Deregister CP2(expired) causes last USU(from CP1) discarded	This issue may cause MPE discarded usu for Passes when de-register an expired coupon.
20171048	n/a	3-Minor	[multi data source]MPE do not send RAR when multi data sources configured.	The impact is that MPE may have issue supporting multiple data sources, which we don't commit to 9.7.2. Will defer to 9.7.3
20177398	n/a	3-Minor	It takes too long time(10s) for CMP to delete TOD	The customer impact is, operator has to wait for 10s for the UI refresh. No workaround. Will enhance in 9.7.3 with user friendly tip.

Oracle Tekelec References and Services

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 **2** for Non-technical issue

You will be connected to a live agent who can assist you with MOS registration and provide Support Identifiers. Simply mention you are a Tekelec Customer new to MOS.

MOS is available 24 hours a day, 7 days a week, 365 days a year.

Emergency Response

In the event of a critical service situation, emergency response is offered by the My Oracle 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 My Oracle Support Center.

Customer Training

Oracle offers a variety of technical training courses designed to provide the knowledge and experience required to properly provision, administer, operate, and maintain Oracle products. To enroll in any of the courses or for schedule information, contact [Oracle University](#) .