Oracle® Communications
Tekelec Policy Management

Release Notice

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ORACLE®

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Introduction

This release notice lists the Resolved and Known PRs for Policy Management Release 11.1.1.

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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

11.1.1 supports the following upgrade paths

	From	To
CMP	10.0.1	11.1.1
MPE-LI	10.0.4	11.1.1
MRA	10.0.4	11.1.1

	From	To
CMP	10.0.1	11.1.1
MPE-LI	10.0.2	11.1.1
MRA	10.0.3	11.1.1

NOTE:

- Any upgrade other than listed above is not recommended or supported.
- 11.1.1 is supported as a new/fresh installation.
    - CMP
    - MRA
    - MPE-LI

Load Lineup

This version of Policy Management 11.1.1_6.1.0 includes:

Application Lineup

- CMP
- MPE-LI
- MRA

Platform Lineup

- TPD 6.5.1-82.28.0

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

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Resolved PRs

Table RN-1. NOTE: ***Table RN-1 Policy Management 11.1.1 Resolved PRs***

BUG #	SR#	Severity	Title	Description
19229851	1040726	3-Minor	Enable the policy engine to check for request/session DEBQ/AMBR	During an OOC trigger, and this issues shows up, the policies as they are currently written for the IMS PDN get executed against a message for the internet PDN. This results in the QOS settings for the internet PDN being set incorrectly.
19285826	3-9374609331	Minor	SIP 503 error - in certain race conditions involving multiple PDN connections being set up in parallel for the same subscriber, IP indexes for some of the PDN connections are not written to the binding DB	If two or more Gx CCR-Is for the same subscriber are processed in parallel at the MRA for a new subscriber (i.e. no existing binding), IP indexes for only the first processed Gx CCR-I will be written to the binding DB. Two Gx CCR-Is were sent to the MRA around the same time for the same subscriber, one for the internet APN and the other one for the IMS APN. The internet APN Gx CCR-I was processed first at the MRA, causing the IPv6 index for the IMS APN to not be written to the MRA binding key DB. Later on, when an Rx AAR-I was sent with the IMS IPv6 address, the binding lookup failed at the MRA resulting in a SIP 503 error.
19308060		3-Minor	IP index may be overwritten in MRA binding DB when a stale IP is re-used	When a PDN connection for subscriber A is terminated but the corresponding Gx CCR-T is not sent to the MRA (PGW issue?), the PDN connection within the binding maintained by the MRA becomes stale. If at a later point the following two conditions happen in this order: 1.A different subscriber (subscriber B) uses an IP address from the stale PDN connection that subscriber A had terminated, AND 2.Subscriber A sets up a new PDN connection for the same APN as the stale PDN connection with a new IP address Then, the MRA deletes the IP address for subscriber B from the binding db ip key table. If the erroneously deleted IP was used for the IMS PDN connection for subscriber B, Rx AAR for subscriber B will fail as the MRA will not be able to lookup subscriber Bs binding based on the IP address in the AAR. Debug logging configuration added for this condition: DIAMETERDRA.PCEF.LogIPReuse

BUG #	SR#	Severity	Title	Description
19423224	N/A	3-Minor	PGW-PCRF Timestamp Solution for SIP 503 Issue	High level summary, PGW will create the timestamp when it receives the new session request on LTE, eHRPD or WLAN. PGW will include the timestamp in the Gx CCR-I request to the PCRF. PCRF will look at the timestamp to evaluate the session is valid or not
19590190	N/A	3-Minor	SSDP support for new 10.0.x MRs	SSDP exporter had to be updated to understand 10.0.3/10.0.4 object formats.
19865852	3-9769278401	3-Minor	Upgrade to 11.1.x after a 10.0.x backout results in incorrect upgrade status	During the 11.1.1_5.1.0 upgrade in the lab and ran into an issue where the UM is reporting “failed: unknown status” on the MPEs and MRAs.

Customer Known PRs

Table RN-2. Policy Management 11.1.1 Customer Known PRs

PBUG#	SR#	Severity	Title	Customer Impact
232575	N/A	3-Minor	Flow-Description AVP doesn't comply with 3GPP Release 9	No Customer Impact
237452	N/A	3-Minor	Sy cleanup stats should contain a new counter for "Removed on unknown user"	
239507	N/A	3-Minor	[SEC] Policy Web Application must follow ARB Cookie Design and Disclosure Req. and Guidelines	No Customer Impact
239508	N/A	3-Minor	[SEC] Policy Web Application needs to comply with SCS and use CSRF recommended protections	No Customer Impact
240712	N/A	3-Minor	Isolate policy/policy group warning exists even though the policy is imported as expected	

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 Oeacle products. To enroll in any of the courses or for schedule information, contact Oracle University .