

Policy Management

Wireless Release 9.1.6

Maintenance Release Notice

910-6821-001 Revision A

July 2013



Tekelec

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Patents

This product may be covered by one or more of the following U.S. and foreign patents:

U.S. Patent Numbers:

Legal Information

7,738,440; 7,788,357; 7,805,515; 8,254,551; US 7961623; US 8073444;

Foreign Patent Numbers:

AU 2004247256; AU 2004247251; AU 2005208846; AU 2005208847; AU 2005286941; EP 1631917; EP 1997276; EP 2049909; JP 4395662; JP 4582346; JP 4652345; JP 4843610; ZL 200680049126.1;

Maintenance Release Notice

Policy Management 9.1.6

This release notice lists the PRs that have been fixed, and those that are known to exist, in Policy Management 9.1.6, a Maintenance Release for 9.1.0.
This release notice also describes how to obtain Tekelec customer documentation.

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PR Severity Definitions

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

TL 9000 Quality Management System Measurement Handbook.

Customer Fixed PRs

Table RN-1 on page RN-2, "Policy Management 9.1.6 Customer Fixed PRs Report Table," lists fixed severity 1, 2, 3 and enhancements for Policy Management Maintenance Release 9.1.6.

Table RN-1. Policy Management 9.1.5 Customer Fixed PRs Report Table

PR#	Severity	DESCRIPTION
223729	Minor	Upgrade: Secondary CMP Site continually restarting qp_procmgr when Primary site upgraded
225739	Minor	if flow number of the media component in AAR is not numbered starting from 1, MPE will reject the message
227131	Minor	[Quota Enhance] Reset expired quota's usage once it's quoted in policy condition no matter whether granted in action or not
227368	Minor	Gx-Time-Quota mysteriously resets
227509	Minor	Policies will not execute (because of NullPointerException) if policy writer attempts to check the amount of usage for a pass that the subscriber does not have
227669	Minor	When there is error while parsing Sh-Data, print the user id that is causing it
227711	Minor	Pool quota usage and pool state looked up even when cache is enabled and user is not in any pool
227728	Major	PCRF appears to be not running rules intermittently
227777	Minor	Next Reset Time incorrect for Monthly Quota when Next Reset Time specified with 'First Billing Day' String
227815	Minor	MPE get OUT_OF_SYNC error in PUA when try to send PUR to SPR
227923	Minor	[ADS] User Identities except E164 failed to be returned in PER
227950	Major	5003 DiameterRejected session after reaching 16 sessions correlated
228320	Minor	MRA unable to route non-initial messages by session id in a multi MRA environment
228568	Minor	[Pass Mgmt] MPE does not grant appropriate quota in BEST OF quota condition
228637	Minor	Unable to display policies - Java exception
228681	Minor	MPE may not be able to establish diameter session via CER/CEA after it's upgraded.
228733	Minor	gx or gy quota for pre-upgraded session can't be updated after upgraded from 7.5.4
228746	Minor	[pass Mgmt] java.util.ConcurrentModificationException results from occasionally receiving a CCR-u with Revalidation Timeout at the same time an update reporting RAT-Change.
228843	Minor	[ADS] java.lang.NullPointerException encountered
228933	Minor	[Pass Mgmt] java.lang.NullPointerException detected: MPE can throw an NPE while evaluating a policy after processing a Gy CCR-t with usage info, which exhausted the remaining time quota for a pass (Pass2).
229618	Minor	[Pooled Quota] MPE reports incorrect value in Gx-CCA-u for pooled quota
228885	Minor	[CMP] Disable subscriber pools on CMP should not make Pass expiration extension invisible
228968	Minor	[Pass Mgmt] MPE writes incorrect time usage for pass (Gx time quota)
229088	Minor	Inetrep was unable to contact arbitrator, causing HA to hang
229200	Major	PCRF config mismatch and deployed policy corruption
229348	Minor	PCC rule is not installed due to charging rule report with 'temporarily inactive'
229564	Major	MPE does not properly handle CCR-t and the secondary CCR-U with pooled quota

Upgrade Paths

9.1.6 supports the following upgrade paths for C-Class blades and Rack Mount servers

	From	To
CMP	7.5.4, 8.0.x, 9.1.x	9.1.6
MPE	7.5.4, 8.0.x, 9.1.x	9.1.6
MRA	7.5.4, 8.0.x, 9.1.x	9.1.6

NOTE:

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

Platform baseline versions included

TPD version: 5.1.1-73.5.1
COMCOL version: 6.0p224.8237

Part Numbers:

Policy 9.1.6

CMP:	895-1609-202 DVD	895-1609-302 USB	895-1609-402 ESWD
MPE:	895-1610-202 DVD	895-1610-302 USB	895-1610-402 ESWD
MRA:	895-1611-202 DVD	895-1611-302 USB	895-1611-402 ESWD

PM&C: 5.0.2-50.16.1

64 Bit	895-1563-202 DVD	895-1563-302 USB	895-1563-402 ESWD
32 Bit	895-1575-202 DVD	895-1575-302 USB	895-1575-402 ESWD

SPR: 9.0.2-10.0.0

SPR:	895-1513-205 DVD	895-1513-305 USB	895-1513-405 ESWD
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Accessing Customer Support Documentation

1. Go to the [Tekelec Customer Support](#) site.
2. **NOTE: If you have not registered for this new site, click the Register Here link. Have your customer number available. The response time for registration requests is 24 to 48 hours.**
3. Enter your assigned username and chosen password, then click **Login**.
4. **NOTE: After 20 minutes of inactivity, you will be logged off, and you must repeat this step to regain access.**
5. Click the Product Support tab.
6. Use the Search field to locate a document by its part number, release number, document name, or document type. The Search field accepts both full and partial entries.
7. Click a subject folder to browse through a list of related files.
8. To download a file to your location, right-click the file name and select Save Target As.
9. **NOTE: Customers may print a reasonable number of each manual for their own use.**