Severity
Level
Info
Bulletin Number
CGBU_025747
Issue Date
9-June-17
Expires
DSR 8.1
Title
Measurement BindCorrFailedUsingDefaultAPN missing in DSR 8.0
Product
DSR
Release
8.0
Priority
FYI
Related Bugs
Bug 25658448
Impacts
Compatibility
NO
Product Line(s):
(Only if Impacts Compatibility = YES)
N/A
Author
M. Garrell
Part No. Affected
Markets
ALL
Approved By/Date
Information Development Manager
K. Cook 9-June-17
Problem Description
Providing measurement information missing from the Measurements Reference Guide (E76928_rev_01)
Impact
If this measurement is raised, customers may be unsure as to what action to take.
Needed Actions
Customers should store this bulletin in the Documentation location for reference. Contact My Oracle Support for further assistance.

For more information, see DSR Measurements Reference (part number E76928_rev_01) on the OTN at http://www.oracle.com

BindCorrFailedUsingDefaultAPN
Measurement Group P-DRA Diameter Exception
Measurement Type Simple
Measurement Dimension Single
Number of times a binding correlation attempt using a non-specific subscriber binding key and default APN failed to retrieve a binding.
Description
Collection Interval 5 min
Each time a binding could not be retrieved from the SBR database using a non-specific binding key (such as IMSI or MSISDN) and the default
Peg Condition
APN configured, when the binding dependent session initiation request contains no APN. If both IMSI and MSISDN are configured in the binding key priority table, this measurement can be incremented twice for one binding dependent session initiation request.

Note: This measurement applies when Policy DRA is working in Multi Pool Mode.
Note: If a lower priority key results in a successful binding retrieval, the binding dependent session initiation request may be route successfully to the bound PCRF. This exception measurement does not satisfactorily indicate a Binding Not Found error condition and/or a Diameter routing failure.

Measurement Scope Both
This measurement represents an exception condition in which the binding key priority is configured to use IMSI, MSISDN, or both, there is a Default APN configuration present that is used when the binding dependent session request has no APN value, but the binding lookup attempt results in a failure. This condition causes binding correlation to fail for the MSISDN or IMSI key types. If not other key is present in the request message and/or configured for correlation, the request is rejected using the Binding Not Found error condition. This condition causes Alarm 22730 Policy and Charging Configuration Error to be generated.

Recovery
1. Determine if one or more AF(s) is not including an APN (Called-Station-ID AVP) in the binding dependent session initiation request messages for subscribers for which the binding dependent sessions initiation request messages for subscribers for which the binding capable sessions were created using an APN other than the one that is currently configured as the Default APN in the Network-Wide Options GUI screen. If this condition is found to be true, the Default APN configuration needs to be correct.
2. Determine if one or more AF(s) is not including an APN (Called-Station-ID AVP) in the binding dependent session initiation request messages for subscribers for which the binding dependent sessions initiation request messages for subscribers for which the binding capable sessions were created using more than one APN, one of which may currently be configured as the Default APN in the Network-Wide Options GUI screen. If this condition is found to be true, it is recommended to switch to Single Pool Mode.