

Severity Level	Info	Bulletin Number	DN002788
Issue Date	05/05/2015	Expires	DSR 7.0 Customer Documentation Sets
Title	Additional information on the Alarms, Events, and Measurements in DSR 5.0, 5.1, 6.0.		
Product	DSR	Release	5.x, 6.x, 7.0
Priority	FYI	Related Bugs	20798324
Impacts Compatibility	NO	Impacted Product Line(s):	N/A
Markets	ALL	Part No. Affected	910-6827-001, 910-6922-001, E53474-01, E57505-01
Author and Formal Approvers			
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Problem Description

The Alarms and KPIs Reference Guide did not contain information on the alarms and KPIs listed below.

Impact

If an alarm or KPI is raised, but there is no information provided about the alarm/event/measurement, the customer will be unsure about what action to take.

Needed Actions

Customers should maintain this document as a reference. Contact Customer Access Support (CAS) for further assistance

KPIs found on: Status & Manage > KPIs GUI screen

Variable	Description
SBR Memory utilization	SBR memory utilization (0 -100%)
SBR Process CPU Percent Utilization	SBR process CPU utilization (0- 100%)
P-DRA Ingress Message Rate	Number of Diameter messages including both Requests and Answers received by P-DRA from the Diameter Routing Layer per second.
Current session bindings	Current number of session bindings
Mostly Stale session bindings	Number of session bindings found to be Mostly Stale during the previous audit
Session binding capacity	Number of session bindings as a percentage of the total

	capacity
Load Shed Rate	Rate (per second) at which queries (read, create, update, delete) are being shed due to congestion
Time to process query	Lifetime of a transaction in microseconds (time between query received and response sent)
Query rate	Number of queries (read, create, update, delete) processed per second
CPU	Percentage utilization of all processors on the server by all software as measured by the operating system.
RAM	Percentage utilization of physical memory on the server by all software as measured by TPD.
Swap	Percentage utilization of swap space on the server by all software as measured by TPD.
Uptime	The total amount of time (days HH:MM:SS) the server has been running.

Alarm

22056 - Connection Admin State Inconsistency Exists

Alarm Group: DIAM

Description: An operator request to change the Admin State of a transport connection was not completely processed due to an internal error. The admin state is either disabled from an egress routing perspective but the connection could not be taken out of service or the admin state is enabled from an egress routing perspective but the connection is not in service.

Severity: Major

Instance: <TransConnName>

HA Score: Normal

Auto Clear Seconds: 0 (zero)

OID: eagleXgDiameterConnAdminStateInconsistencyNotify

Recovery:

1. If the transport connection's Admin State is Disabled but the transport connection was not taken out of service due to an internal error do the following actions to correct the failure:
 - a) Enable the connection via the following GUI menu: Diameter > Maintenance > Connections
 - b) Wait for this alarm to clear.
 - c) Disable the connection via the following GUI menu: Diameter > Maintenance > Connections

2. If the transport connection's Admin State is Enabled but the transport connection was not taken out of service due to an internal error do the following actions to correct the failure:
 - a) Disable the connection via the following Diameter > Maintenance > Connections
 - b) Wait for this alarm to clear.
 - c) Enable the connection via the following GUI menu: Diameter > Maintenance > Connections
3. If the problem persists, contact My Oracle Support (MOS).

This notice is provided to Oracle customers about issues identified with our systems. If you have any questions about this notice, 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>.