

Policy Control, Number of AAAs Initial Sent Indicating Too Busy Reached

Ericsson Service-Aware Policy Controller

Operating Instructions

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Policy Control, Number of AAAs Initial Sent Indicating Too Busy Reached



1 Alarm Description

This alarm is raised when the number of Rx session establishment answered with result code too busy exceeds its corresponding configured threshold value.

The alarm is associated to the `rxAasInitTooBusy` measure and Load Regulation function.

The main attributes of the alarm are the following:

Table 1 Alarm Attributes

Attribute Name	Attribute Value
Alarm Type Id	<code>RxSessionsFailedReached</code>
Major Type	193
Minor Type	7077894
Specific Problem	Policy Control, Number of Rx Failed Sessions Reached.
Severity	Minor
Source	<code>ManagedElement=1, SystemFunctions=1, Pm=1, PmJob=policyControlFunctionThresholdsJob, MeasurementReader=rxAasFailed_mr:PolicyControlFunction=1, Network=1, DiameterNodes=1, DiameterNode=<diameterNodeId></code>
Probable Cause	100549
Event Type	Quality of Service
Additional Text	The number of Rx failed requests in a specific given granularity period exceeds the configured threshold value
Last Event Time	YYYY-MM-DDTHH:mm:ss<time zone>



2 Procedure

2.1 Handle Alarm Policy Control, Number of AAAs Initial Sent Indicating Too Busy Reached

Prerequisites

- Before starting this procedure, ensure that you have read the following documents:
 - For information about Handling Alarms, refer to [Handling Alarms](#).
 - For information about Load Regulation function, refer to [Overload Control](#).
- Before starting this procedure, ensure that the following tools are available:
 - Ericsson Command Line Interface (ECLI).
 - `loadRegulationManager`. More information in [Overload Control User Guide](#).
- No conditions are required.

Steps

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1. Check that the threshold (`thresholdHigh` and `thresholdLow` attributes of the object indicated by source alarm field before ":" character) is configured according to the needs. More information in [Measurements](#).
2. Check values for `CPUload.Total` and `Mem.PercentUsed` (see [Measurements](#)).
3. Check values for Load Regulation constraints. Modify constraint values if they are not correct. For details see [Overload Control User Guide](#).
4. Consider to redimension the SAPC if Load Regulation constraints values are properly configured.
5. If the alarm does not cease, consult the next level of maintenance support. Further actions are outside the scope of this procedure.