

Policy Control, Number of Sx CCAs Initial Sent Indicating Too Busy Reached

Ericsson Service-Aware Policy Controller

Operating Instructions

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Contents

1	Alarm Description	1
2	Procedure	2
2.1	Handle Alarm Policy Control, Number of Sx CCAs Initial Sent Indicating Too Busy	2



Policy Control, Number of Sx CCAs Initial Sent Indicating Too Busy Reached



1 Alarm Description

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

The alarm is associated to the sxCcasInitTooBusy 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	SxSessionInitsTooBusyReached
Major Type	193
Minor Type	7077901
Specific Problem	Policy Control, Number of Sx CCAs Initial Sent Indicating Too Busy Reached
Severity	Minor
Source	ManagedElement=1, SystemFunctions=1, Pm=1, PmJob=policyControlFunctionThresholdsJob, MeasurementReader=sxCcasInitTooBusy_mr:PolicyControlFunction=1, Network=1, DiameterNodes=1, DiameterNode=<diameterNodeId>
Probable Cause	100549
Event Type	Quality of Service
Additional Text	The number of Sx CCAs initial sent indicating too busy (Result-Code AVP set to 3004) 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 Sx CCAs Initial Sent Indicating Too Busy

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`. For more information, refer to [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. For more information, refer to [Measurements](#).
2. Check values for `CPUload.Total` and `Mem.PercentUsed` (refer to [Measurements](#)).
3. Check values for Load Regulation constraints. Modify constraint values if they are not correct. For details, refer to [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.