

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

Ericsson Service-Aware Policy Controller

OPERATING INSTRUCTION

Copyright

© Ericsson España, S.A. 2017. All rights reserved. No part of this document may be reproduced in any form without the written permission of the copyright owner.

Disclaimer

The contents of this document are subject to revision without notice due to continued progress in methodology, design and manufacturing. Ericsson shall have no liability for any error or damage of any kind resulting from the use of this document.



Contents

1	Introduction	1
1.1	Alarm Description	1
1.2	Prerequisites	1
2	Procedure	3



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



1 Introduction

This instruction concerns alarm handling.

1.1 Alarm Description

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

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

1.1.1 Alarm Attributes

The main attributes of the alarm are the following:

Table 1 Alarm Attributes

Attribute Name	Attribute Value
Alarm Type Id	GxSessionInitsTooBusyReached
Major Type	193
Minor Type	7077899
Specific Problem	Policy Control, Number of Gx CCAs Initial Sent Indicating Too Busy Reached
Severity	Minor
Source	ManagedElement=1, SystemFunctions=1, Pm=1, PmJob=policy
Probable Cause	100549
Event Type	Quality of Service
Additional Text	The number of Gx 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>

1.2 Prerequisites

This section provides information on the documents, tools, and conditions needed before performing steps to cease the alarm.



1.2.1 Documents

Before starting this procedure, ensure that you have read the following documents:

- For information about Fault Management, refer to [Fault Management](#).
- For information about Load Regulation function, refer to [Overload Control](#).

1.2.2 Tools

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](#).

1.2.3 Conditions

No conditions.



2 Procedure

Do the following:

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.