



Counters for Reason 50/51 on MME and TAI Level

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Feature Summary and Revision History

Summary Data

Applicable Product(s) or Functional Area	MME
Applicable Platform(s)	• ASR 5500 • VPC-DI • VPC-SI
Default Setting	Enabled - Always on
Related Changes in This Release	Not Applicable
Related Documentation	• Command Line Interface Reference • MME Administration Guide

Revision History

Revision Details	Release
First introduced.	21.12

Feature Description

The new counters are introduced for the NAS-ESM message "PDN_CONNECTIVITY_REJECT" with cause code "PDN TYPE IPV4 ONLY ALLOWED (50)" and "PDN TYPE IPV6 ONLY ALLOWED (51)".

**Important**

Previously these causes were populated in other reasons counter, same behavior holds good ever.

Show Commands and Outputs

show mme-service statistics esm-only

The output of this command includes the following fields:

- PDN type IPv4 only
- PDN type IPv6 only

show mme-service statistics tai taidb <> mcc <> mnc <> tac <>

The output of this command includes the following fields:

- PDN type IPv4 only
- PDN type IPv6 only

Bulk Statistics

This section provides information on the bulk statistics for the reason 50/51 on MME and TAU.

MME Schema

The following counters for reason 50/51 related bulk statistics are available in the MME schema.

Bulk Statistics	Description
esm-msgtx-pdncon-rej-pdn-type_ipv4_only	The total number of PDN connections rejected with cause 50 under MME level.
esm-msgtx-pdncon-rej-pdn-type_ipv6_only	The total number of PDN connections rejected with cause 51 under MME level.

TAI Schema

The following counters for reason 50/51 related bulk statistics are available in the TAI schema.

Bulk Statistics	Description
tai-esm-msgtx-pdncon-rej-pdn-type_ipv4_only	The total number of PDN connections rejected with cause 50 under TAI level.
tai-esm-msgtx-pdncon-rej-pdn-type_ipv6_only	The total number of PDN connections rejected with cause 51 under TAI level.