

Counters for Reason 50/51 on MME and TAI Level

- Feature Summary and Revision History, on page 1
- Feature Description, on page 1
- Show Commands and Outputs, on page 2

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.