



## 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)	<ul style="list-style-type: none"> <li>• ASR 5500</li> <li>• VPC-DI</li> <li>• VPC-SI</li> </ul>
Default Setting	Enabled - Always on
Related Changes in This Release	Not Applicable
Related Documentation	<ul style="list-style-type: none"> <li>• Command Line Interface Reference</li> <li>• MME Administration Guide</li> </ul>

#### Revision History

Revision Details	Release
First introduced.	21.12

## Feature Description

With this release 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_ <b>only</b>	The total number of PDN connections rejected with cause 50 under MME level.
esm-msgtx-pdncon-rej-pdn-type_ipv6_ <b>only</b>	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.

<b>Bulk Statistics</b>	<b>Description</b>
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.

