



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

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_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. |

