



Bulk Statistics Changes Quick Reference

This chapter identifies bulk statistics changes added to, modified for, or deprecated from the StarOS 21.17 software release.



Important

For more information regarding bulk statistics identified in this section, see the latest version of the *BulkstatStatistics_document.xls* spreadsheet supplied with the release.

Bulk statistics changes for 21.17 include:

- [New Bulk Statistics, on page 1](#)
- [Modified Bulk Statistics, on page 2](#)
- [Deprecated Bulk Statistics, on page 2](#)

New Bulk Statistics

TAI Schema

The following counters are available in the TAI schema.

Bulk Statistics	Description
tai-esm-msgtx-pdncon-rej-other-reasons	Shows the total number of ESM messages sent for each TAI by the MME. This indicates that the PDN connection is rejected for a cause other than one of those listed in the output generated by the show mme-service statistics esm-only command
tai-emm-msgrx-attach-req	Shows the total number of EMM Attach Requests received from UE. This is incremented for each Attach Request message received from UE.
tai-emm-msgrx-attach-complete	Shows the total number of EMM Attach Complete message received from UE. This is incremented for each Attach Complete message received from UE.

Bulk Statistics	Description
tai-emmcall-attach-currall	Shows the total number of EPS Mobility Management call-line statistics on attached current calls for each TAI.
tai-emmcall-connect-currall	Shows the total number of EPS Mobility Management call-line statistics on connected calls for each TAI.
tai-emmcall-idle-curcall	Show the total number of EPS Mobility Management call-line statistics on idle current calls for each TAI.
tai-dedi-brr-activation-nw-attempted	Shows the total number of ESM Network initiated dedicated bearer activations attempted for each TAI.
tai-dedi-brr-activation-nw-success	Shows the total number of successful ESM Network-initiated dedicated bearer activations for each TAI.
tai-dedi-brr-activation-nw-failures	Shows the total number of failed ESM Network-initiated dedicated bearer activations for each TAI.

Modified Bulk Statistics

None in this release.

Deprecated Bulk Statistics

None in this release.