



Bulk Statistics Changes Quick Reference

This chapter identifies bulk statistics changes added to, modified for, or deprecated from the StarOS 21.13 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 21.13 include:

- [New Bulk Statistics, on page 1](#)
- [Modified Bulk Statistics, on page 4](#)
- [Deprecated Bulk Statistics, on page 4](#)

New Bulk Statistics

This section identifies new bulk statistics and new bulk statistic schemas introduced in release 21.13.

SAE-GW Schema

The following bulk statistics are added in the SAE-GW schema in support of Transactional Rate KPI Statistics.

Bulk Statistics	Description
pgw-transrate-sessevt-cumlt	Cumulative count: Indicates the number of new PDN Session Create or Delete requests received/sent.
pgw-transrate-sessevt-bkt1	Indicates the number of new PDN Session Create or Delete Requests received in a given interval.
pgw-transrate-sessevt-bkt2	Indicates the number of new PDN session creation or deletion requests received in a given interval.
pgw-transrate-sessevt-bkt3	Indicates the number of new PDN session creation or deletion requests received in a given interval.
pgw-transrate-sessevt-bkt4	Indicates the number of new PDN session creation or deletion requests received in a given interval.

pgw-transrate-sessevt-bkt5	Indicates the number of new PDN session creation or deletion requests received in a given interval.
pgw-transrate-sessevt-bkt6	Indicates the number of new PDN session creation or deletion requests received in a given interval.
pgw-transrate-sessevt-bkt7	Indicates the number of new PDN session creation or deletion requests received in a given interval.
pgw-transrate-sessevt-bkt8	Indicates the number of new PDN session creation or deletion requests received in a given interval.
pgw-transrate-succ-sessevt-cumlt	Cumulative count: Indicates the number of successful PDN session creation or deletion responses
pgw-transrate-succ-sessevt-bkt1	Indicates the number of successful PDN session creation or deletion responses in a given interval.
pgw-transrate-succ-sessevt-bkt2	Indicates the number of successful PDN session creation or deletion responses in a given interval.
pgw-transrate-succ-sessevt-bkt3	Indicates the number of successful PDN session creation or deletion responses in a given interval.
pgw-transrate-succ-sessevt-bkt4	Indicates the number of successful PDN session creation or deletion responses in a given interval.
pgw-transrate-succ-sessevt-bkt5	Indicates the number of successful PDN session creation or deletion responses in a given interval.
pgw-transrate-succ-sessevt-bkt6	Indicates the number of successful PDN session creation or deletion responses in a given interval.
pgw-transrate-succ-sessevt-bkt7	Indicates the number of successful PDN session creation or deletion responses in a given interval.
pgw-transrate-succ-sessevt-bkt8	Indicates the number of successful PDN session creation or deletion responses in a given interval.
pgw-transrate-unsucc-sessevt-cumlt	Cumulative count: Indicates the number of unsuccessful PDN session creation or deletion responses
pgw-transrate-unsucc-sessevt-bkt1	Indicates the number of unsuccessful PDN session creation or deletion responses in a given interval.
pgw-transrate-unsucc-sessevt-bkt2	Indicates the number of unsuccessful PDN session creation or deletion responses in a given interval.
pgw-transrate-unsucc-sessevt-bkt3	Indicates the number of unsuccessful PDN session creation or deletion responses in a given interval.
pgw-transrate-unsucc-sessevt-bkt4	Indicates the number of unsuccessful PDN session creation or deletion responses in a given interval.

pgw-transrate-unsucc-sessevt-bkt5	Indicates the number of unsuccessful PDN session creation or deletion responses in a given interval.
pgw-transrate-unsucc-sessevt-bkt6	Indicates the number of unsuccessful PDN session creation or deletion responses in a given interval.
pgw-transrate-unsucc-sessevt-bkt7	Indicates the number of unsuccessful PDN session creation or deletion responses in a given interval.
pgw-transrate-unsucc-sessevt-bkt8	Indicates the number of unsuccessful PDN session creation or deletion responses in a given interval.
pgw-transrate-nwinit-setupardown-evt-cumlt	Cumulative count: Indicates the number of bearer creation or deletion requests sent
pgw-transrate-nwinit-setupardown-evt-bkt1	Indicates the number of bearer creation or deletion requests sent per second in a given interval.
pgw-transrate-nwinit-setupardown-evt-bkt2	Indicates the number of bearer creation or deletion requests sent per second in a given interval.
pgw-transrate-nwinit-setupardown-evt-bkt3	Indicates the number of bearer creation or deletion requests sent per second in a given interval.
pgw-transrate-nwinit-setupardown-evt-bkt4	Indicates the number of bearer creation or deletion requests sent per second in a given interval.
pgw-transrate-nwinit-setupardown-evt-bkt5	Indicates the number of bearer creation or deletion requests sent per second in a given interval.
pgw-transrate-nwinit-setupardown-evt-bkt6	Indicates the number of bearer creation or deletion requests sent per second in a given interval.
pgw-transrate-nwinit-setupardown-evt-bkt7	Indicates the number of bearer creation or deletion requests sent per second in a given interval.
pgw-transrate-nwinit-setupardown-evt-bkt8	Indicates the number of bearer creation or deletion requests sent per second in a given interval.
pgw-transrate-succ-nwinit-setupardown-evt-cumlt	Cumulative count: Indicates the number of successful bearer Creation or deletion responses.
pgw-transrate-succ-nwinit-setupardown-evt-bkt1	Indicates the number of successful bearer creation or deletion responses sent per second in a given interval.
pgw-transrate-succ-nwinit-setupardown-evt-bkt2	Indicates the number of successful bearer creation or deletion responses sent per second in a given interval.
pgw-transrate-succ-nwinit-setupardown-evt-bkt3	Indicates the number of successful bearer creation or deletion responses sent per second in a given interval.
pgw-transrate-succ-nwinit-setupardown-evt-bkt4	Indicates the number of successful bearer creation or deletion responses sent per second in a given interval.

pgw-transrate-succ-nwinit-setupteardown-evt-bkt5	Indicates the number of successful bearer creation or deletion responses sent per second in a given interval.
pgw-transrate-succ-nwinit-setupteardown-evt-bkt6	Indicates the number of successful bearer creation or deletion responses sent per second in a given interval.
pgw-transrate-succ-nwinit-setupteardown-evt-bkt7	Indicates the number of successful bearer creation or deletion responses sent per second in a given interval.
pgw-transrate-succ-nwinit-setupteardown-evt-bkt8	Indicates the number of successful bearer creation or deletion responses sent per second in a given interval.
pgw-transrate-unsucc-nwinit-setupteardown-evt-cumlt	Cumulative count: Indicates the number of unsuccessful bearer creation or deletion responses
pgw-transrate-unsucc-nwinit-setupteardown-evt-bkt1	Indicates the number of unsuccessful bearer creation or deletion responses sent per second in a given interval.
pgw-transrate-unsucc-nwinit-setupteardown-evt-bkt2	Indicates the number of unsuccessful bearer creation or deletion responses sent per second in a given interval.
pgw-transrate-unsucc-nwinit-setupteardown-evt-bkt3	Indicates the number of unsuccessful bearer creation or deletion responses sent per second in a given interval.
pgw-transrate-unsucc-nwinit-setupteardown-evt-bkt4	Indicates the number of unsuccessful bearer creation or deletion responses sent per second in a given interval.
pgw-transrate-unsucc-nwinit-setupteardown-evt-bkt5	Indicates the number of unsuccessful bearer creation or deletion responses sent per second in a given interval.
pgw-transrate-unsucc-nwinit-setupteardown-evt-bkt6	Indicates the number of unsuccessful bearer creation or deletion responses sent per second in a given interval.
pgw-transrate-unsucc-nwinit-setupteardown-evt-bkt7	Indicates the number of unsuccessful bearer creation or deletion responses sent per second in a given interval.
pgw-transrate-unsucc-nwinit-setupteardown-evt-bkt8	Indicates the number of unsuccessful bearer creation or deletion responses sent per second in a given interval.

Modified Bulk Statistics

None in this release.

Deprecated Bulk Statistics

None in this release.