Service Impacting SGSN KPI Bulk Statistics

This chapter describes the following topics:

Feature Summary and Revision History

Summary Data

Applicable Product(s) or Functional Area	SGSN
Applicable Platform(s)	• ASR 5500 • VPC-DI • VPC-SI
Default Setting	Enabled - Always On
Related Changes in This Release	Not Applicable
Related Documentation	• *SGSN Administration Guide* • *Statistics and Counters Reference*

Revision History

Revision Details	Release
Introduced to 21.12 release.	21.12.12
First introduced.	21.11.3

Feature Description

SGSN will backup KPI counters during session manager crash or restart.

Following backup counters are introduced to record the data during session manager crash or restart:

- 2G-attach-fail-internal-failure-bk

- 3G-actv-rej-insufficient-resources-int-bk

Once the session manager crashes or restarts all the backup counters will be restored to session manager.

Monitoring and Troubleshooting

This section provides information regarding Bulk Statistics available to monitor and troubleshoot the MME Support for Service impacting KPIs.

Bulk Statistics

New backup counters "3G-actv-rej-insufficient-resources-int-bk" is added to iups-bk schema and "2G-attach-fail-internal-failure-bk" to gprs-bk schema to support Service Impactiing SGSN KPI Bulk Statistics feature.