

SGs SCTP Association Counters

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Feature Summary and Revision History

Summary Data

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

Revision History

Revision Details	Release
SGs SCTP Association Counters was first introduced in release 21.11. With this release, this feature is also applicable to release 21.5.16.	21.5.16
First introduced.	21.11

Feature Description

MME supports display of SCTP associated counters for SGS service. New command `show sgs-service sctp-association { all | peerid }` is introduced to display SCTP associated counters for SGS Service.

Monitoring and Troubleshooting

This section provides information regarding show commands available to monitor and troubleshoot the SGs SCTP Association Counters feature.

Show Commands and Outputs

show sgs-service sctp-association { all | peerid }

The output of this command includes the following fields:

- Flow control flag
- Peer INIT tag
- Local INIT tag
- Next TSN
- Lowest cumulative TSN acknowledged
- Cumulative peer TSN
- Last peer TSN sent in the SACK
- Local RWND
- Peer RWND (advertised) in the SACK
- Peer RWND(estimated)
- Retransmissions
- ZWnd probing flag
- Last TSN received during ZWnd Probing
- Bytes outstanding
- Congestion queue length
- Ordered TSN waiting QLen
- Unordered TSN waiting QLen
- GAP ACKs sent
- GAP ACKs received

No.	Source Address	Destination Address	Path Status

- Path No.
- Current CWND
- SSThresh
- Partial bytes acked
- Bytes outstanding
- Current RTO (in ms)



Important `sctp all` displays cumulative statistics for the peer VLRs where as `sctp peerid` displays statistics for a particular Peer ID.