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# SIP Cluster Solution Guide

Troubleshooting T-Controllers communication issues

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# Troubleshooting T-Controllers communication issues

Introduced in SIP Server version 8.1.103.58. To troubleshoot T-Controllers (TC) communication issues, the following statistics, based on periodic T-Library polls between T-Controllers, are now available:

- T-Lib communication round-trip time (RTT): Time elapsed between a T-Lib request and a response event
- T-Lib request processing latency (TXT): Time elapsed between a T-Lib poll request sent to a poll initiator and received on a poll destination
- T-Lib response processing latency (RXT): Time elapsed between a T-Lib poll response event sent to a poll destination and received on a poll initiator
- The most recent timestamp of a poll request response received for (LAST\_TS): The timestamp of the most recent answered poll request
- Current outgoing T-Lib connection output queue length (TX\_QUEUE\_LEN): Low-level statistic on how much data (in bytes) queued to be sent from this TC to another TC through client connection (this TC to another TC)
- Current incoming T-Lib connection output queue length (RX\_QUEUE\_LEN): Low-level statistic on how much data (in bytes) queued to be sent from this TC to another TC through server connection (another TC to this TC)

You can configure the interval between poll cycles and TX\_QUEUE\_LEN/RX\_QUEUE\_LEN statistics using the `tc-latency-poll-interval` configuration option.