

show rlf

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show rlf-template all

Table 1: show rlf-template all Command Output Descriptions

Field	Description
RLF-Template	The name of the configured RLF Template.
Transactions Per Second	Indicates the configured Transactions Per Second (TPS) i.e. the number of messages that can be processed per second.
Burst Size	Indicates the configured maximum number of messages (burst) that can be sent out together, at an instant of time.
Thresholds (Upper-Lower)	Indicates the configured threshold for rate-limiting the outgoing messages.
Delay Tolerance	Indicates the configured maximum number of seconds the messages can be queued before it is processed.
Total RLF Templates Found	Indicates the total number of RLF templates being configured.

show rlf-template name

Table 2: show rlf-template name Command Output Descriptions

Field	Description
Transactions Per Second	Indicates the configured Transactions Per Second (TPS) i.e. the number of messages that can be processed per second.
Burst Size	Indicates the configured maximum number of messages (burst) that can be sent out together, at an instant of time.
Thresholds (Upper-Lower)	Indicates the configured threshold for rate-limiting the outgoing messages.
Delay Tolerance	Indicates the configured maximum number of seconds the messages can be queued before it is processed.

show rlf-context-statistics diamproxy verbose

Table 3: show rlf-context-statistics diamproxy verbose Command Output Descriptions

Field	Description
RLF Context Stats	The name of the context for which the RLF statistics is collected.
Template Name	The name of the configured RLF template.
Configured TPS	Indicates the configured Transactions Per Second (TPS) for throttling.
State	Indicates the current state of the RLF context.
Storage	Indicates the method of access to messages.
Direction	Indicates the traffic direction.
Active Duration In Sec	Total active time since RLF context was created.
Current Queue Size	Indicates the outstanding messages in the RLF queue.
Average TPS	This is the sum average TPS since RLF became active.
Trend TPS	Indicates the trend TPS value for the configured context.
Maximum TPS	Indicates the maximum TPS value for the configured context.
Minimum TPS	Indicates the minimum TPS value for the configured context.
Last 10 Secs Average TPS	Average value of TPS computed for the last 10 seconds.
Last 20 Secs Average TPS	Average value of TPS computed for the last 20 seconds.

Field	Description
Last 60 Secs Average TPS	Average value of TPS computed for the last 60 seconds.
Last 5 Mins Average TPS	Average value of TPS computed for the last 5 minutes.
Last 10 Mins Average TPS	Average value of TPS computed for the last 10 minutes.
Average executed Bypass TPS	Indicates the effective TPS when "rlf-bypass" is configured.
Last 10 Secs Average executed Bypass TPS	Average value of TPS computed for the last 10 seconds when RLF bypass is executed.
Last 30 Secs Average executed Bypass TPS	Average value of TPS computed for the last 30 seconds when RLF bypass is executed.
Last 60 Secs Average executed Bypass TPS	Average value of TPS computed for the last 60 seconds when RLF bypass is executed.
Last 5 Mins Average executed Bypass TPS	Average value of TPS computed for the last 5 minutes when RLF bypass is executed.
Last 10 Mins Average executed Bypass TPS	Average value of TPS computed for the last 10 minutes when RLF bypass is executed.
Num of times threshold exceeded	Number of times messages queued when RLF was in "OVER THRESHOLD" state.
Num of times queued	Number of times the messages are queued in RLF module.
Num of times dropped	Number of times the messages are dropped due to the RLF being full.
Num of times msg sent out directly	Number of times the messages that are sent directly when RLF bypass is not executed.
Num of times queue bypassed	Number of messages sent out when "rlf-bypass" was configured.
Num of times send message cb failed	Number of times the registered application callbacks failed after sending out a RLF message.
Num of times rlf status update cb failed	Number of times the registered application callbacks failed after sending out a RLF status update.
Diamproxy Instance Level Details	Shows the statistics details at each Diamproxy instance level.

show rlf-memcache-statistics diamproxy

Table 4: show rlf-memcache-statistics diamproxy Command Output Descriptions

Field	Description
Cache Pool For RLF Messages	

Field	Description
Block-Size	The size of block.
Blocking-Factor	Number of elements in block.
Blocks-In-Use	Number of blocks in use.
Total-Blocks	Total number of elements that are currently used.
Free-Blocks	Total number of elements that are currently unused.
Frequency	Indicates how many times the memory direct allocate is used.
Current Memory in Use	Indicates the current memory used for direct allocation.