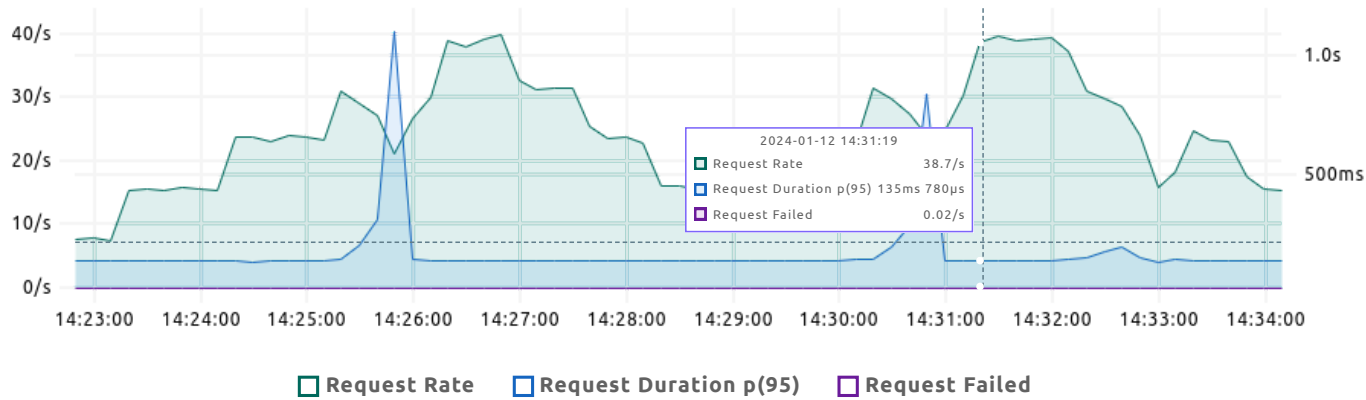




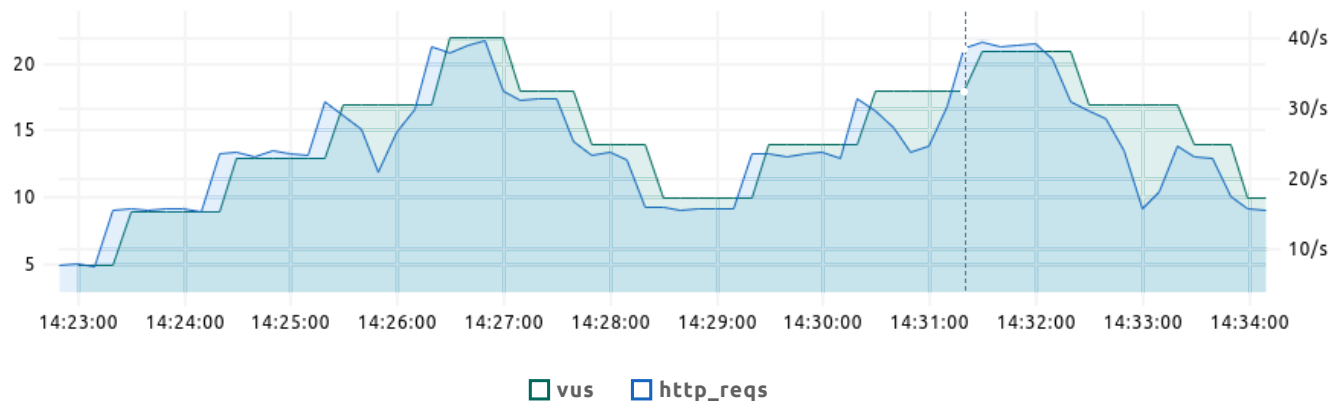
Overview

This chapter provides an overview of the most important metrics of the test run. Graphs plot the value of metrics over time.

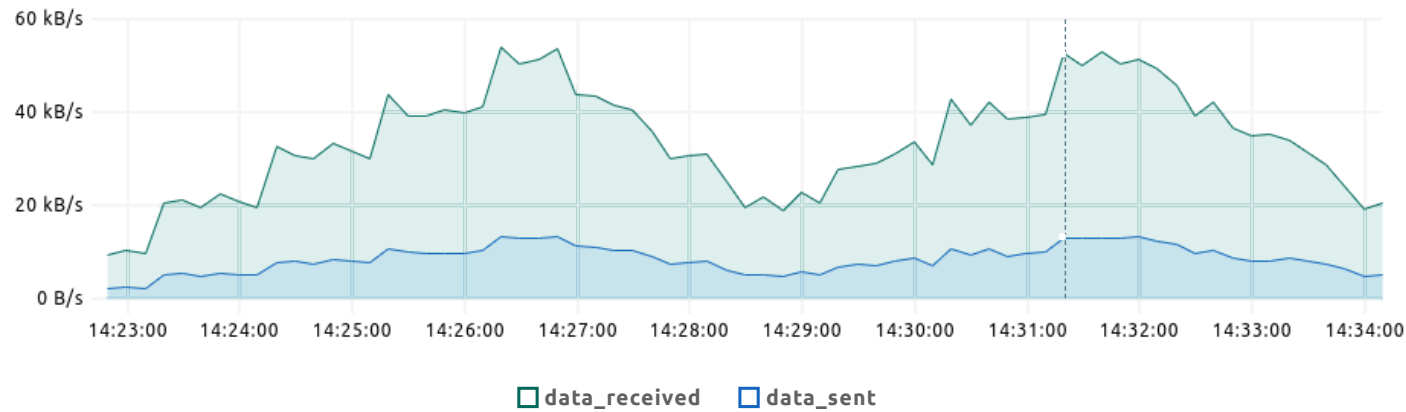
HTTP Performance overview



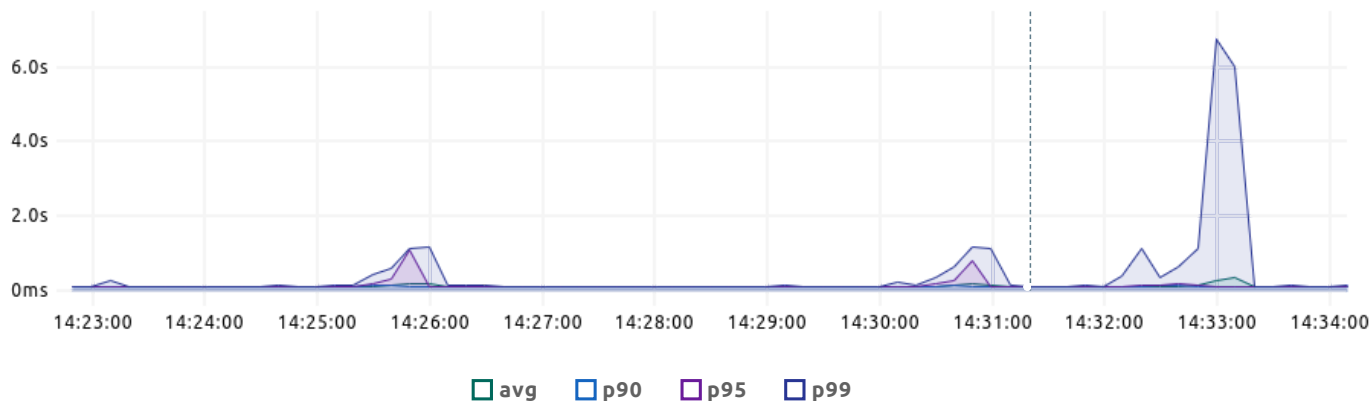
VUs



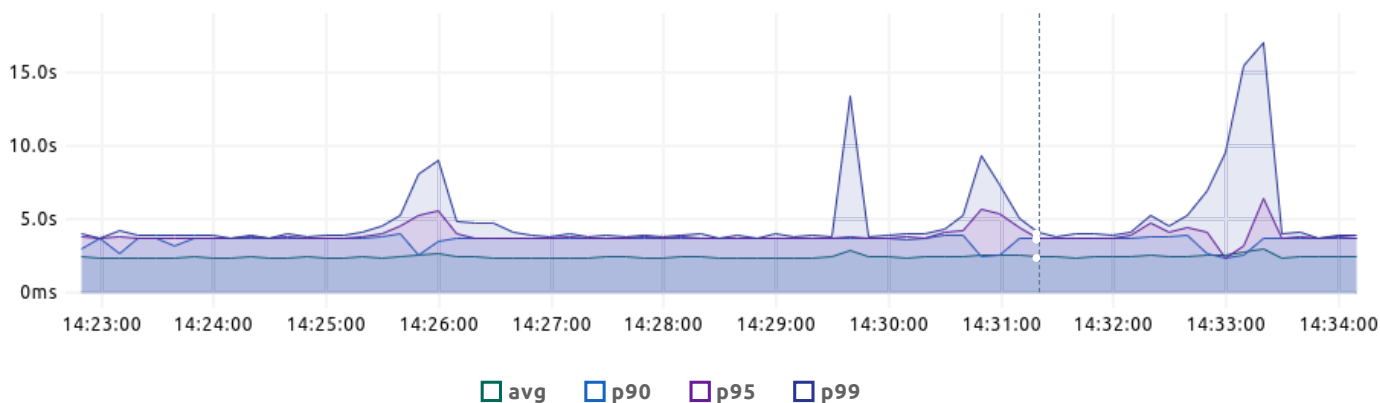
Transfer Rate



HTTP Request Duration



Iteration Duration



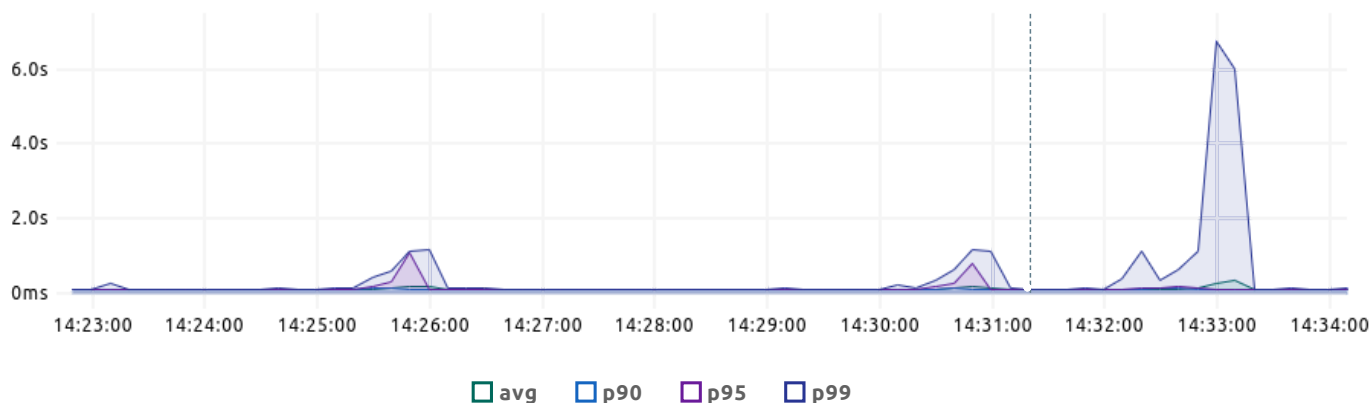
Timings

This chapter provides an overview of test run HTTP timing metrics. Graphs plot the value of metrics over time.

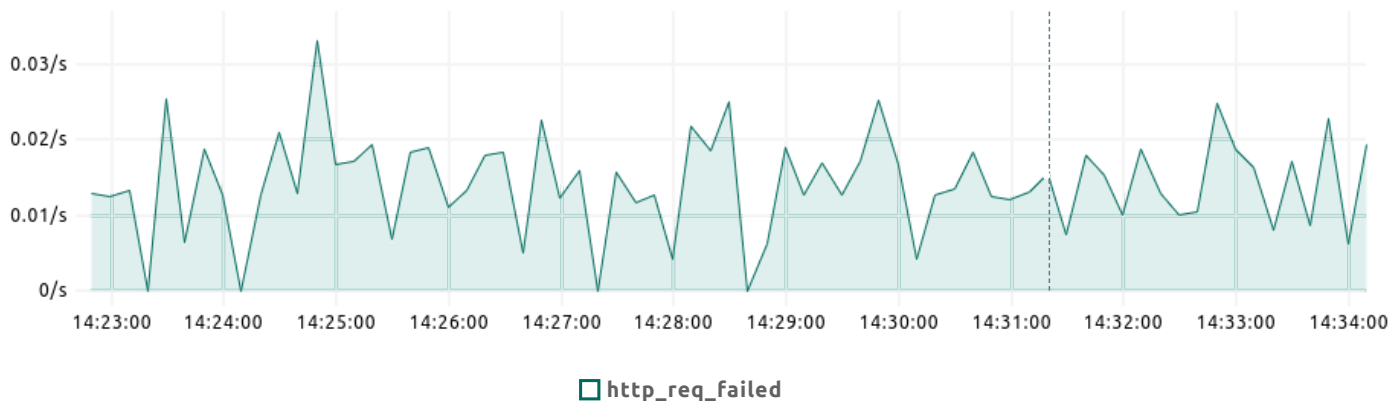
HTTP

These metrics are generated only when the test makes HTTP requests.

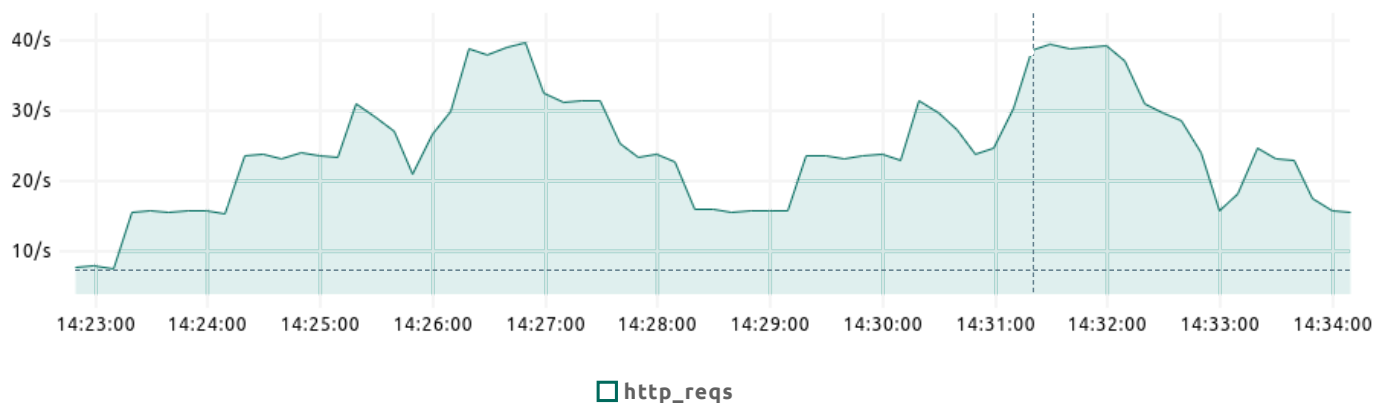
Request Duration



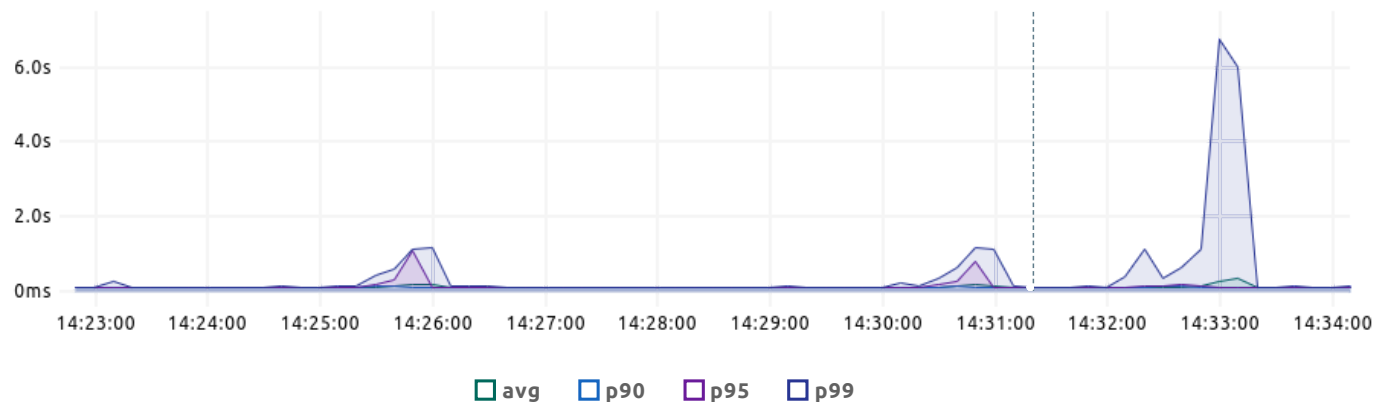
Request Failed Rate



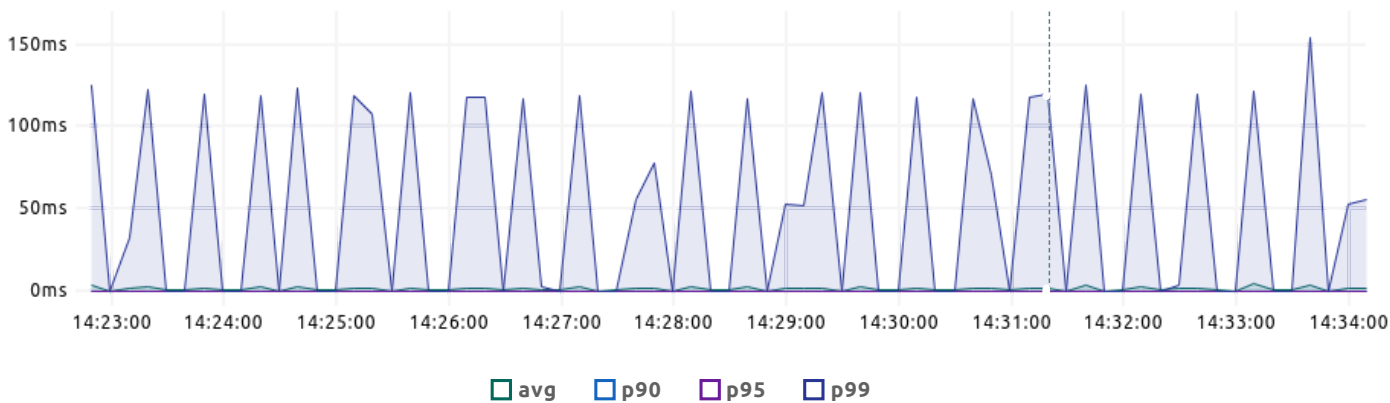
Request Rate



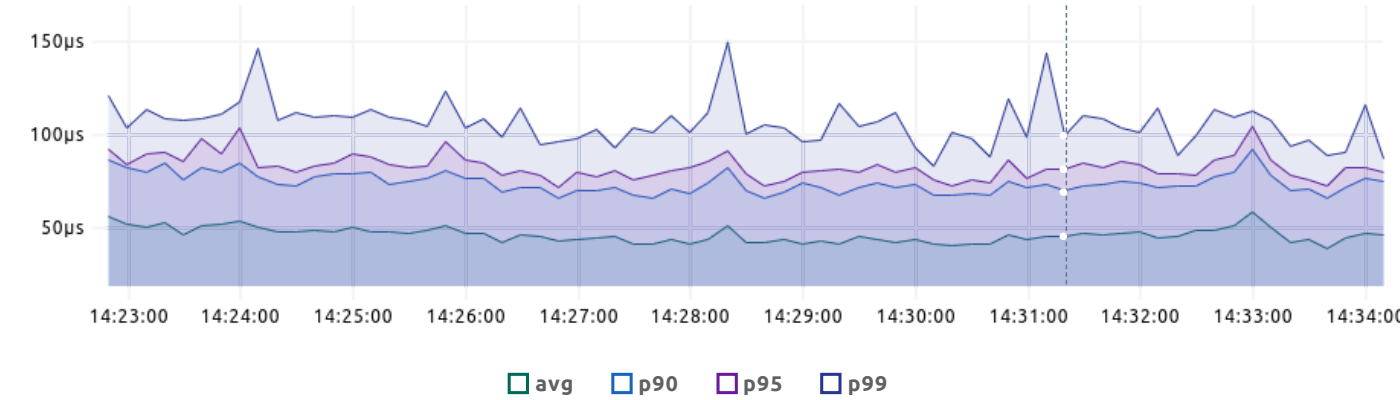
Request Waiting



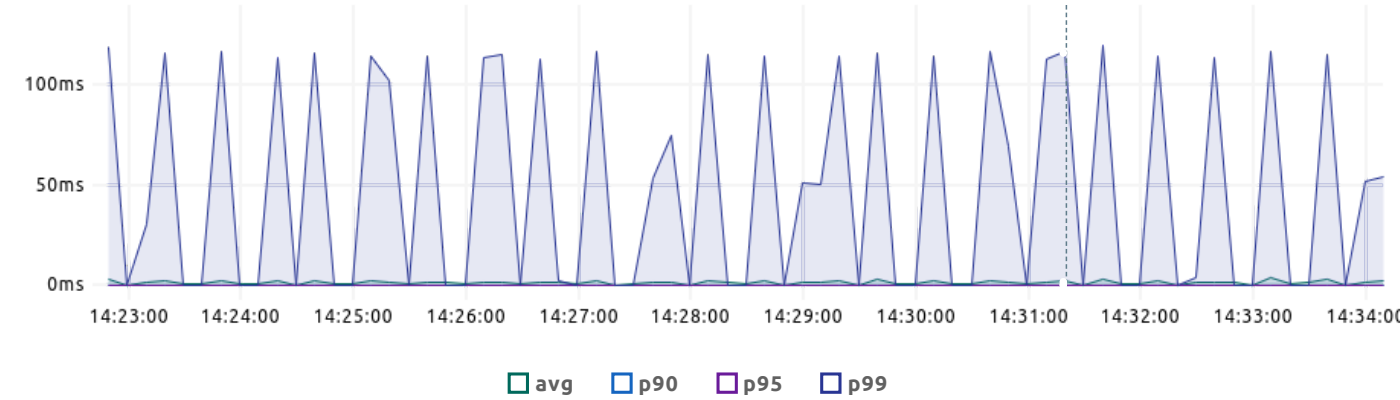
TLS handshaking



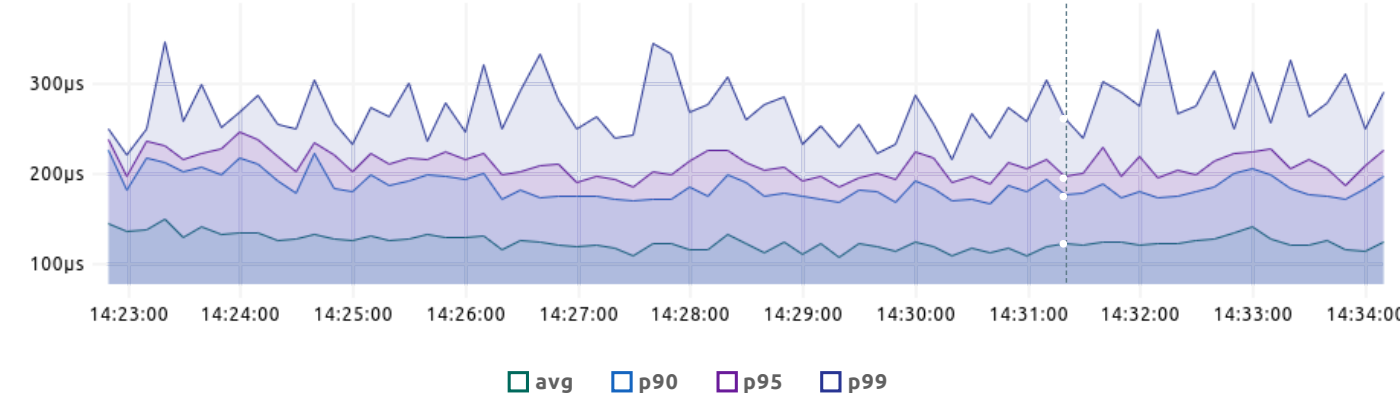
Request Sending



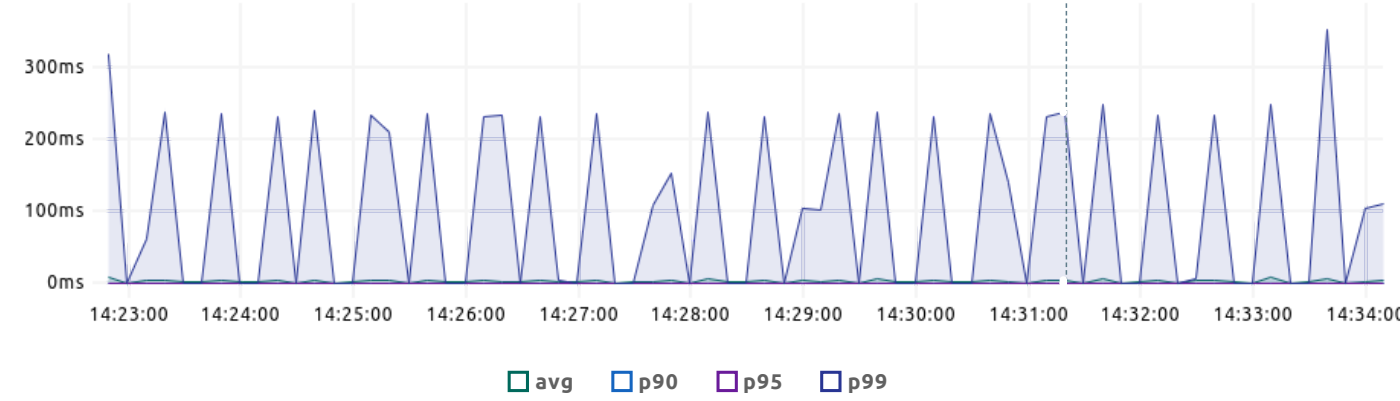
Request Connecting



Request Receiving



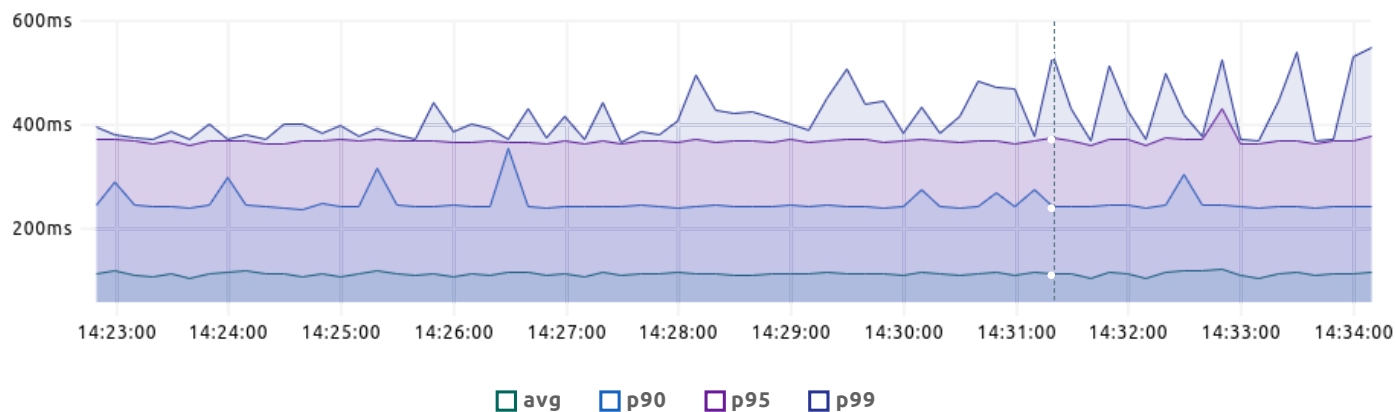
Request Blocked



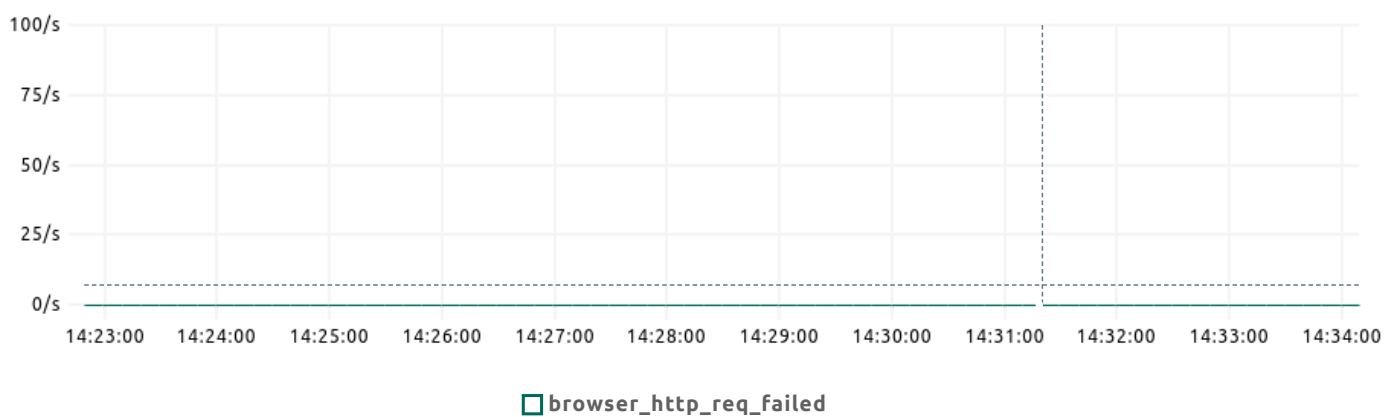
● Browser

The k6 browser module emits its own metrics based on the Core Web Vitals and Other Web Vitals.

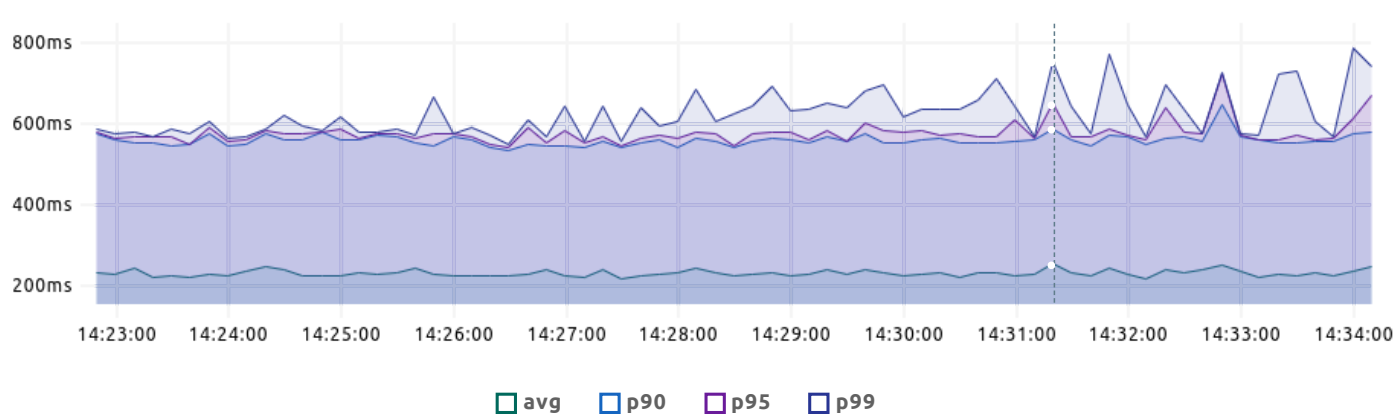
Request Duration



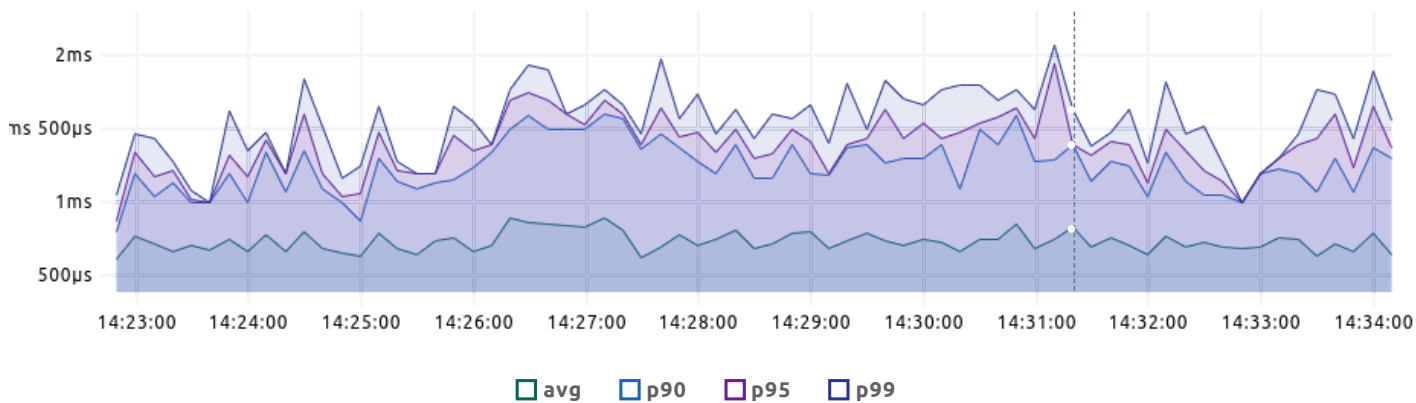
Request Failed Rate



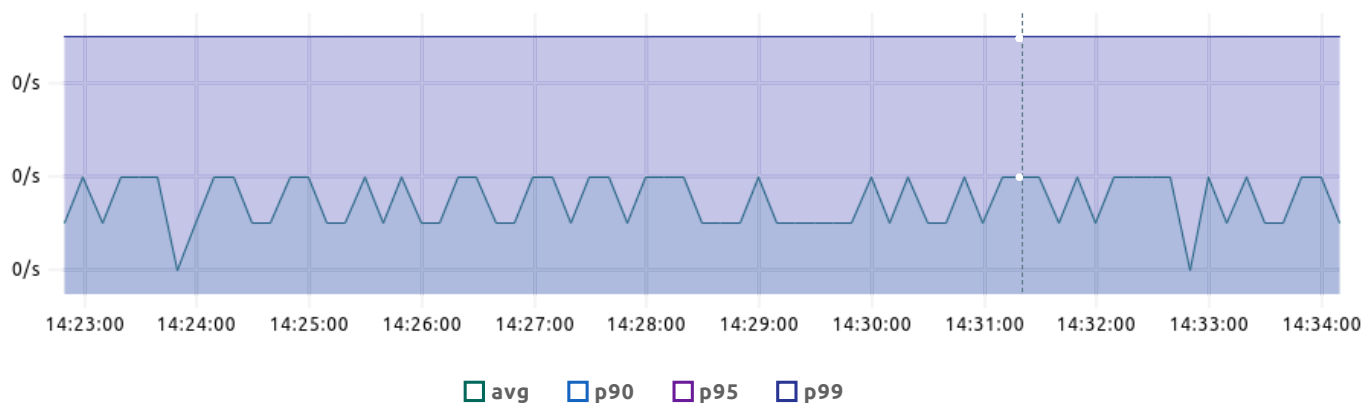
Largest Contentful Paint



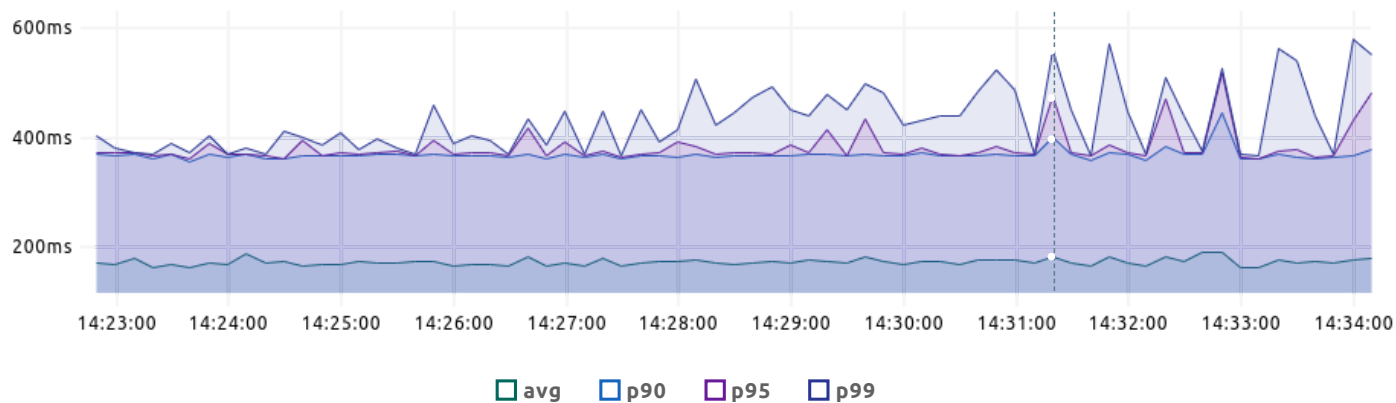
First Input Delay



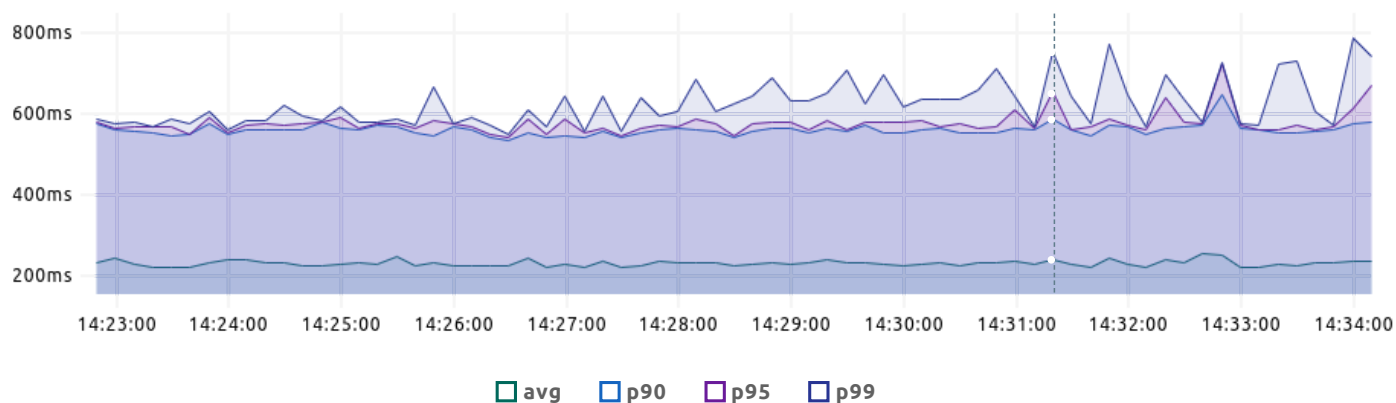
Cumulative Layout Shift



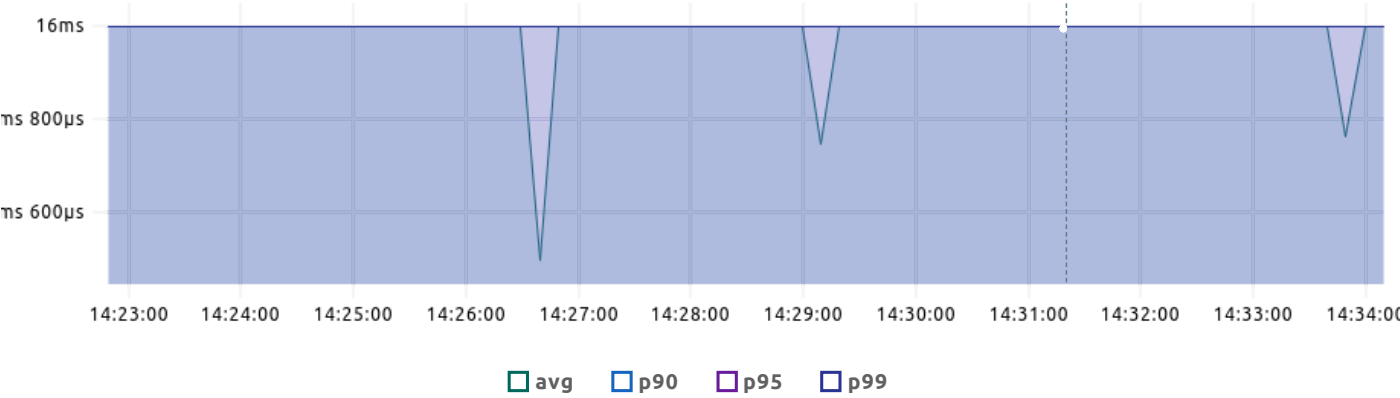
Time to First Byte



First Contentful Paint



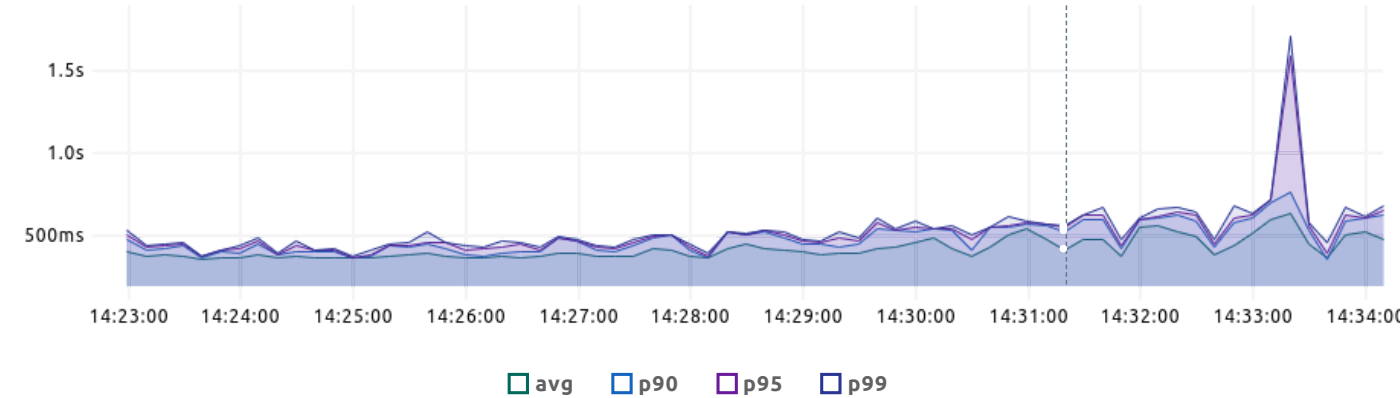
Interaction to Next Paint



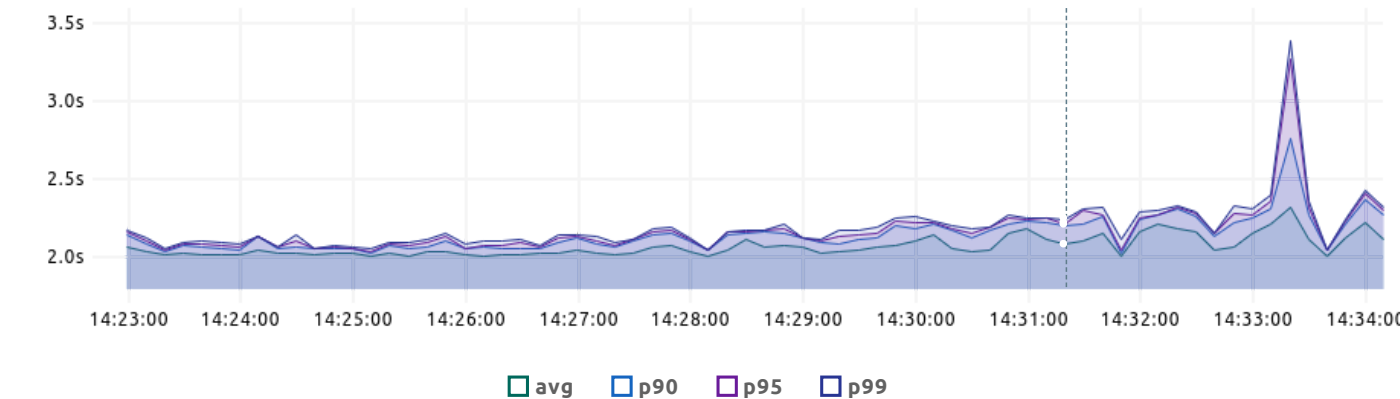
WebSocket

k6 emits the following metrics when interacting with a WebSocket service through the experimental or legacy websockets API.

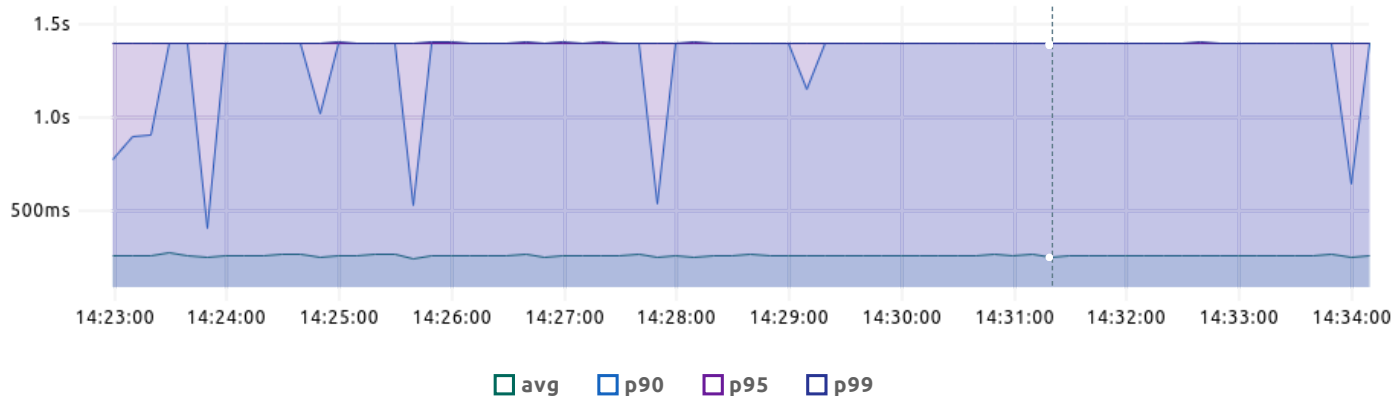
Connect Duration



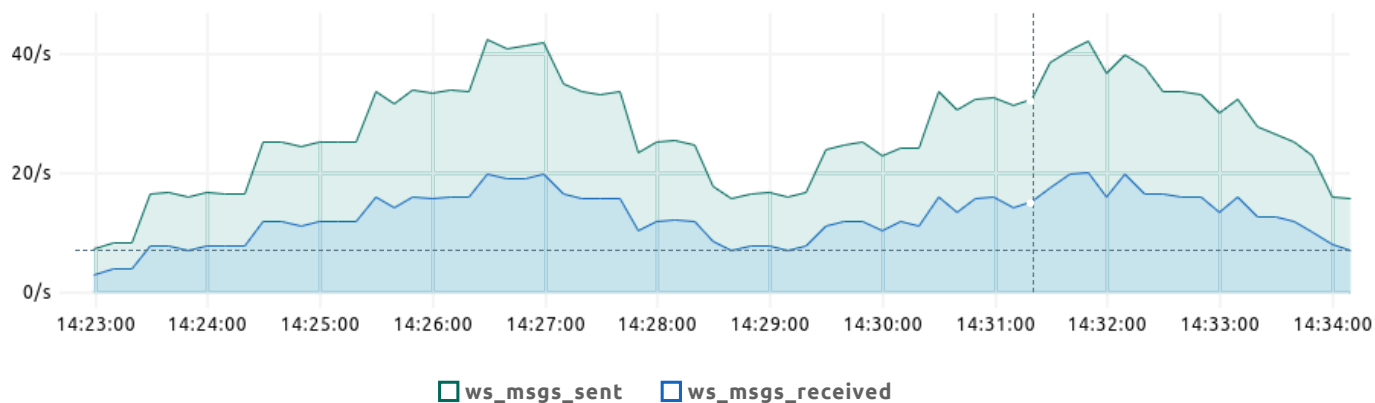
Session Duration



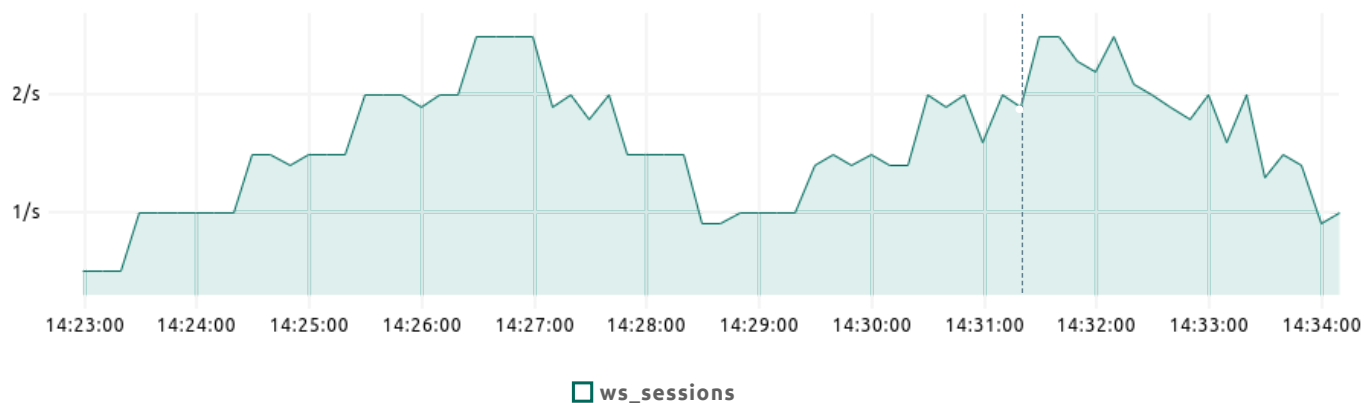
Ping Duration



Transfer Rate



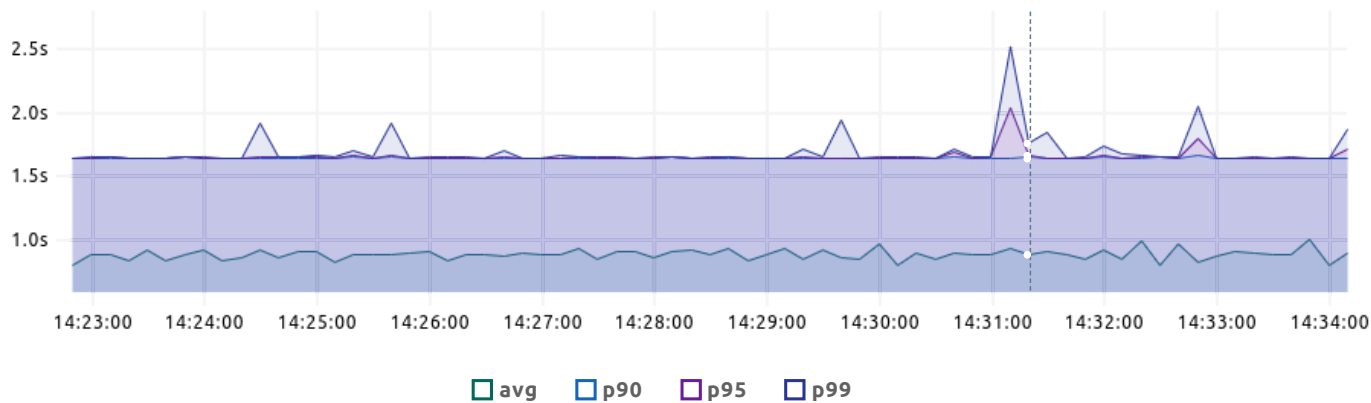
Sessions Rate



gRPC

k6 emits the following metrics when it interacts with a service through the gRPC API.

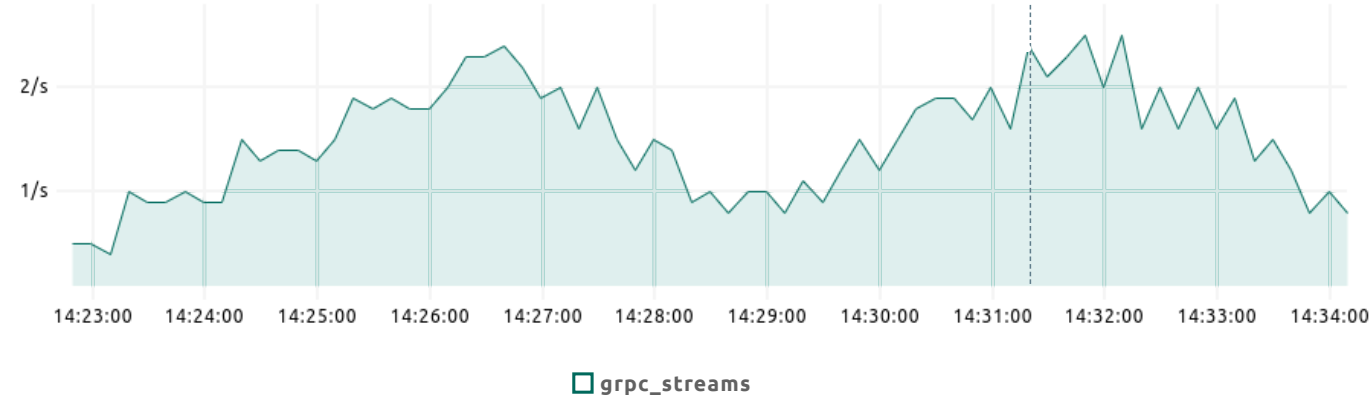
Request Duration



Transfer Rate



Streams Rate



Summary

This chapter provides a summary of the test run metrics. The tables contains the aggregated values of the metrics for the entire test run.

Trends

metric	avg	max	med	min	p90	p95	p99
browser_http_req_duration	112ms	662ms	120ms	14μs	244ms	370ms	440ms
browser_web_vital_cls	0/s	0/s	0/s	0/s	0/s	0/s	0/s
browser_web_vital_fcp	233ms	834ms	149ms	130ms	562ms	579ms	680ms
browser_web_vital_fid	743μs	2ms	600μs	0ms	1ms	1ms	1ms
browser_web_vital_inp	15ms	16ms	16ms	8ms	16ms	16ms	16ms

metric	avg	max	med	min	p90	p95	p99
browser_web_vital_lcp	233ms	834ms	149ms	130ms	562ms	579ms	680ms
browser_web_vital_ttfb	174ms	660ms	121ms	114ms	369ms	374ms	493ms
group_duration	2s	21s	3s	122ms	3s	4s	7s
grpc_req_duration	890ms	2s	1s	116ms	1s	1s	1s
http_req_blocked	2ms	490ms	9µs	880ns	14µs	17µs	230ms
http_req_connecting	1ms	277ms	0ms	0ms	0ms	0ms	113ms
http_req_duration	134ms	18s	120ms	112ms	134ms	137ms	245ms
http_req_receiving	124µs	2ms	124µs	14µs	185µs	215µs	281µs
http_req_sending	46µs	303µs	44µs	5µs	74µs	83µs	109µs
http_req_tls_handshaking	1ms	295ms	0ms	0ms	0ms	0ms	117ms
http_req_waiting	134ms	18s	119ms	112ms	134ms	137ms	245ms
iteration_duration	2s	23s	2s	1s	3s	3s	5s
ws_connecting	427ms	1s	370ms	346ms	565ms	598ms	674ms
ws_ping	264ms	1s	118ms	112ms	1s	1s	1s
ws_session_duration	2s	3s	2s	1s	2s	2s	2s

Counters

metric	count	rate
browser_data_received	35.7 MB	51.6 kB/s
browser_data_sent	1.68 MB	2.43 kB/s
data_received	23.5 MB	34 kB/s
data_sent	5.96 MB	8.61 kB/s
grpc_streams	1k	1.5/s
grpc_streams_msgs_received	7.3k	10.5/s
grpc_streams_msgs_sent	7.3k	10.5/s
http_reqs	17.1k	24.69/s
iterations	4.1k	5.91/s
ws_msgs_received	8.9k	12.8/s
ws_msgs_sent	18.8k	27.14/s
ws_sessions	1.1k	1.59/s

Rates

metric	rate
browser_http_req_failed	0/s
checks	0.98/s
http_req_failed	0.01/s

Gauges

metric	value
vus	2

metric	value
vus_max	22

Select a time interval by holding down the mouse on any graph to zoom. To cancel zoom, double click on any graph.