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test info

session	test suite	test name
2023-01-16_04.22.39_session_24dc7b3b	Rate Limiting Test Suite	todo_api_test

scenario #1: **DisabledScenario** ⌄

requests: 1518, ok requests: 1073, fail requests: 445, all data: 0.4793 MB

ok stats

step	request number		
	all	ok	RPS
weatherforecast	1518	1073	8.9

ok stats

step	latency, ms				latency percentile, ms			
	min	mean	max	StdDev	p50	p75	p95	p99
weatherforecast	14.04	28161.55	78025.95	10739.71	67960.83	77660.16	77922.3	31709.89

ok stats

step	data transfer			
	min, KB	mean, KB	max, KB	all, MB
weatherforecast	0.443	0.457	0.474	0.4793

fail stats

step	request number		
	all	failed	RPS
weatherforecast	1518	445	3.7

fail stats

step	latency, ms				latency percentile, ms			
	min	mean	max	StdDev	p50	p75	p95	p99
weatherforecast	3248.62	5570.26	81551.34	5169.15	5255.17	5505.02	9076.74	5103.38

fail stats

step	data transfer			
	min, KB	mean, KB	max, KB	all, MB
weatherforecast	0	0	0	0

status codes

NBomber

status code	count	message
ok (no status)	1073	
-100	445	step timeout: 5000 ms

status codes

latency indicators

requests number

latency distribution
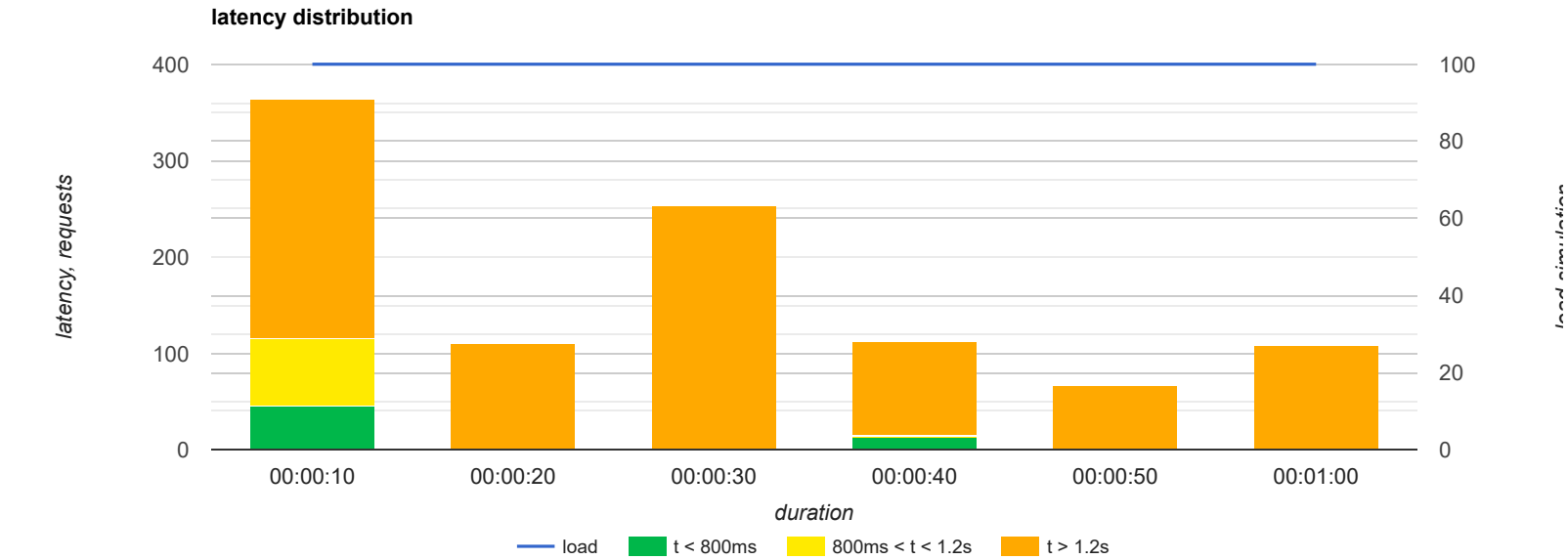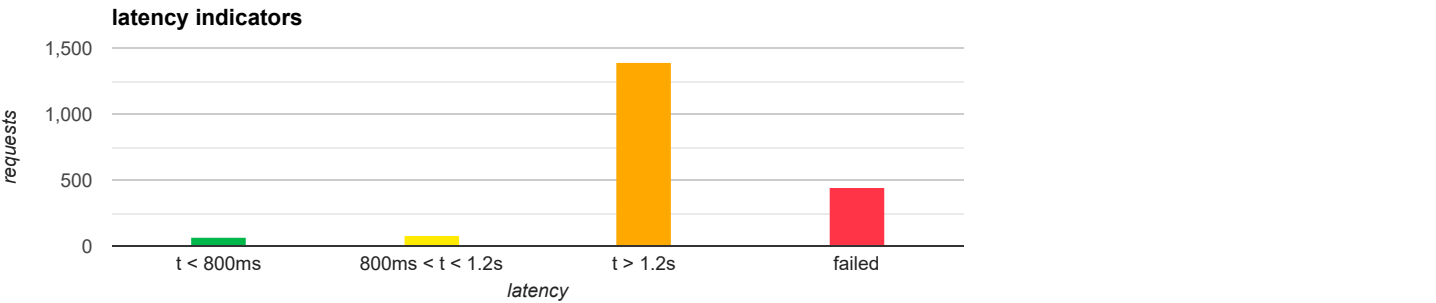
scenario #2: **GlobalScenario** ⌄

requests: 1597, ok requests: 1020, fail requests: 577, all data: 718.99 MB

ok stats

step	request number		
	all	ok	RPS
todos/v1	1597	1020	8.5

ok stats

step	latency, ms				latency percentile, ms			
	min	mean	max	StdDev	p50	p75	p95	p99
todos/v1	118.36	45238.74	76278.85	46465.02	71565.31	74776.58	75300.86	25537.38

ok stats

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	data transfer			
step	min, KB	mean, KB	max, KB	all, MB
todos/v1	721.81	721.75	721.81	718.99

fail stats

	request number		
step	all	failed	RPS
todos/v1	1597	577	4.8

fail stats

	latency, ms				latency percentile, ms			
step	min	mean	max	StdDev	p50	p75	p95	p99
todos/v1	1256.04	7743.24	35470.51	5210.11	5586.94	19038.21	20529.15	5172.03

fail stats

	data transfer			
step	min, KB	mean, KB	max, KB	all, MB
todos/v1	0	0	0	0

status codes

status code	count	message
ok (no status)	1020	
fail (no status)	65	
-100	512	step timeout: 5000 ms

status codes

- ok (no…
- fail (no…
- -100

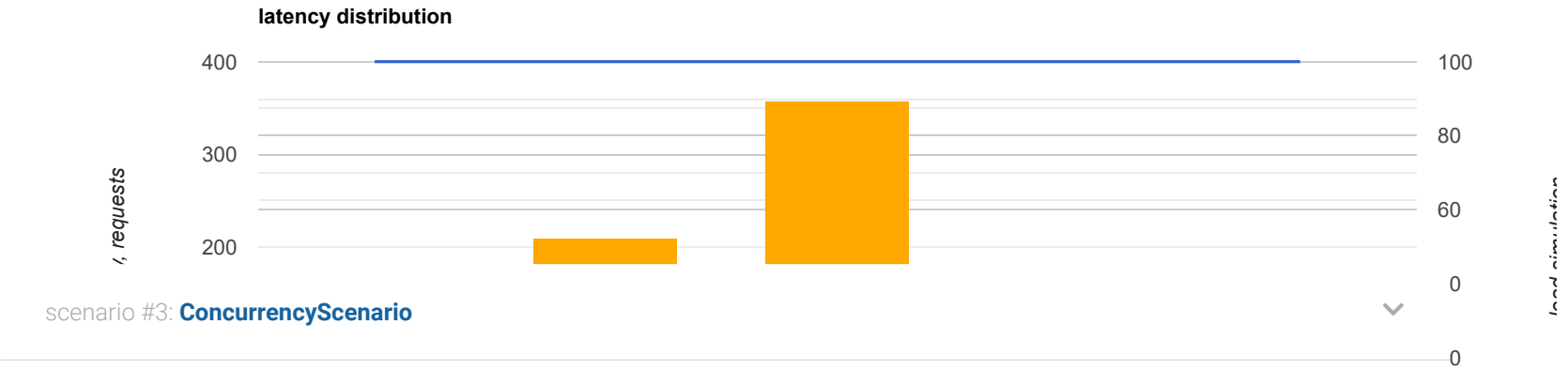**latency indicators**

requests number

- ok
- failed
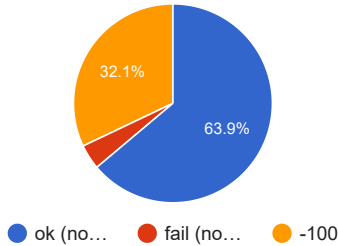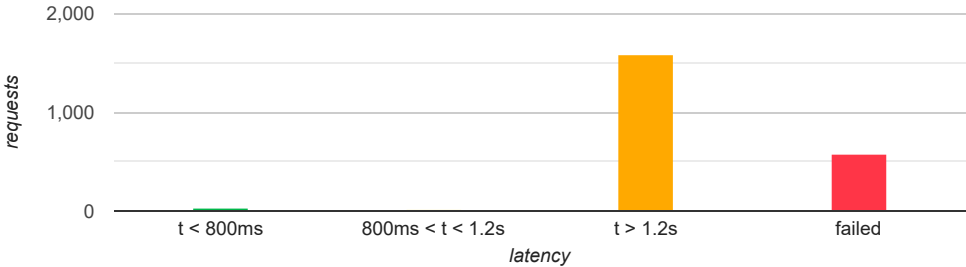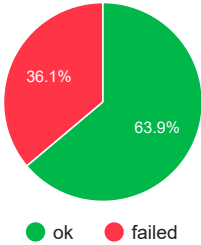
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file:///C:/apps/devkit/ApiResources/RateLimitingSample/LoadTests/bin/Debug/net7.0/my_reports/my_report_name.html 3/11

latency distribution

scenario #3: **ConcurrencyScenario** ⌄

requests: 1431, ok requests: 936, fail requests: 495, all data: 0.1312 MB

ok stats

step	request number		
	all	ok	RPS
todos/v1/1	1431	936	7.8

ok stats

step	latency, ms				latency percentile, ms			
	min	mean	max	StdDev	p50	p75	p95	p99
todos/v1/1	1055.66	45845.02	76634.97	50659.33	72351.74	75169.79	76152.83	26192.6

ok stats

step	data transfer			
	min, KB	mean, KB	max, KB	all, MB
todos/v1/1	0.144	0.144	0.144	0.1312

fail stats

step	request number		
	all	failed	RPS
todos/v1/1	1431	495	4.1

fail stats

step	latency, ms				latency percentile, ms			
	min	mean	max	StdDev	p50	p75	p95	p99
todos/v1/1	474.31	6873.92	23428.93	5169.15	5296.13	20938.75	22888.45	4829.74

fail stats

step	data transfer			
	min, KB	mean, KB	max, KB	all, MB
todos/v1/1	0	0	0	0

status codes

status code	count	message
ok (no status)	936	
fail (no status)	56	

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status code	count	message
-100	439	step timeout: 5000 ms

status codes

- ok (no…
- fail (no…
- -100

latency indicators

requests number

- ok
- failed

latency distribution

- load
- t < 800ms
- 800ms < t < 1.2s
- t > 1.2s
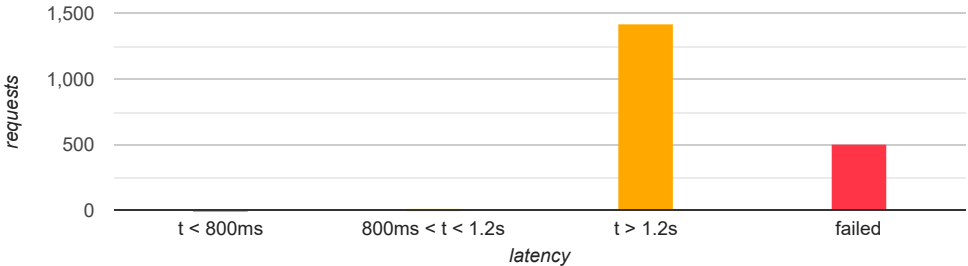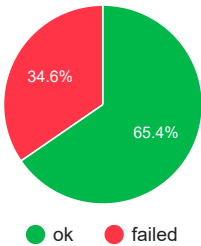
scenario #4: **FixedWindowScenario** ⌄

requests: 870, ok requests: 62, fail requests: 808, all data: 43.7033 MB

ok stats

step	request number		
	all	ok	RPS
todos/v2	870	62	0.5

ok stats

step	latency, ms				latency percentile, ms			
	min	mean	max	StdDev	p50	p75	p95	p99
todos/v2	9328.21	29019.43	73618.61	32194.56	34406.4	34504.7	49020.93	10308.44

ok stats

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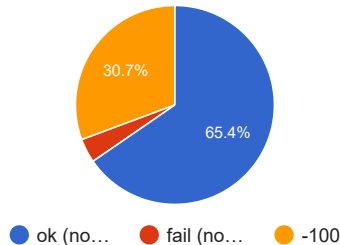v3.3.0

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	data transfer			
step	min, KB	mean, KB	max, KB	all, MB
todos/v2	721.81	721.75	721.81	43.7033

fail stats

	request number		
step	all	failed	RPS
todos/v2	870	808	6.7

fail stats

	latency, ms				latency percentile, ms			
step	min	mean	max	StdDev	p50	p75	p95	p99
todos/v2	353.66	33610.47	105346.04	5652.48	77856.77	100335.62	104071.17	35009.53

fail stats

	data transfer			
step	min, KB	mean, KB	max, KB	all, MB
todos/v2	0	0	0	0

status codes

status code	count	message
ok (no status)	62	
fail (no status)	225	
-100	583	step timeout: 5000 ms
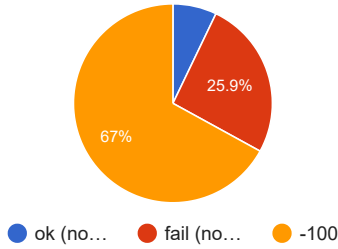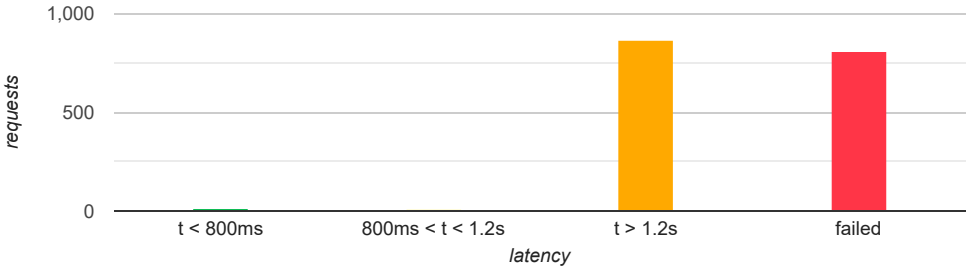
status codes

latency indicators

requests number

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latency distribution

scenario #5: **SlidingWindowScenario**

requests: 1330, ok requests: 963, fail requests: 367, all data: 339.1737 MB

ok stats

step	request number		
	all	ok	RPS
todos/v2/incompleted	1330	963	8

ok stats

step	latency, ms				latency percentile, ms			
	min	mean	max	StdDev	p50	p75	p95	p99
todos/v2/incompleted	3948.32	47219.04	73314.14	56066.05	62881.79	67174.4	70123.52	20130.23

ok stats

step	data transfer			
	min, KB	mean, KB	max, KB	all, MB
todos/v2/incompleted	360.658	360.625	360.658	339.1737

fail stats

step	request number		
	all	failed	RPS
todos/v2/incompleted	1330	367	3.1

fail stats

step	latency, ms				latency percentile, ms			
	min	mean	max	StdDev	p50	p75	p95	p99
todos/v2/incompleted	1079.19	5015.73	9241.67	5169.15	5246.98	5517.31	9011.2	1134.66

fail stats

step	data transfer			
	min, KB	mean, KB	max, KB	all, MB
todos/v2/incompleted	0	0	0	0

status codes

status code	count	message
ok (no status)	963	
-100	367	step timeout: 5000 ms

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status codes

● ok (no status) ● -100

latency indicators

requests number

● ok ● failed

latency distribution

scenario #6: **UserBasedScenario** ⌄

requests: 1690, ok requests: 200, fail requests: 1490, all data: 70.6063 MB

ok stats

step	request number		
	all	ok	RPS
todos/v2/completed	1690	200	1.7

ok stats

	latency, ms				latency percentile, ms			
step	min	mean	max	StdDev	p50	p75	p95	p99
todos/v2/completed	36533.98	49661.87	78440.63	45744.13	57868.29	58589.18	78446.59	11287.63

ok stats

	data transfer			
step	min, KB	mean, KB	max, KB	all, MB
todos/v2/completed	361.232	361.125	361.232	70.5532

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fail stats

	request number		
step	all	failed	RPS
todos/v2/completed	1690	1490	12.4

fail stats

	latency, ms				latency percentile, ms			
step	min	mean	max	StdDev	p50	p75	p95	p99
todos/v2/completed	1423.58	31546.12	63983.34	44007.42	50429.95	56262.66	59015.17	20933.33

fail stats

	data transfer			
step	min, KB	mean, KB	max, KB	all, MB
todos/v2/completed	0.053	0.053	0.053	0.0531

status codes

status code	count	message
ok (no status)	200	
fail (no status)	1031	
-100	459	step timeout: 5000 ms
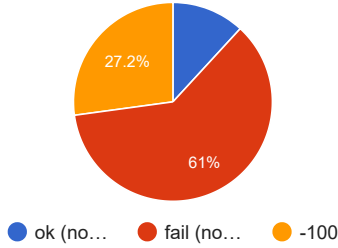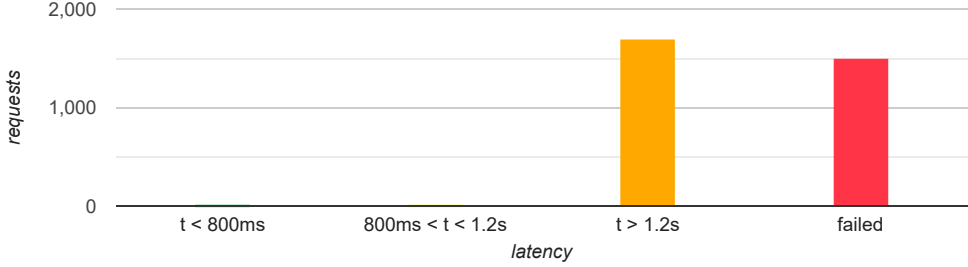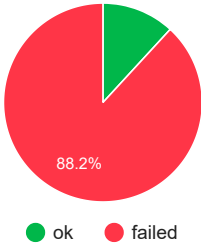
status codes

27.2%
61%

● ok (no… ● fail (no… ● -100

latency indicators

2,000

1,000

0

t < 800ms   800ms < t < 1.2s   t > 1.2s   failed

latency

requests

requests number

88.2%

● ok   ● failed

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latency distribution

scenario #7: **TokenBucketScenario**   ⌄   00

0

requests: 1600, ok requests: 345, fail requests: 1255, all data: 0.0909 MB

0

0

0

0

0

ok stats

	request number		
step	all	ok	RPS
todos/v2/1	1600	345	2.9

ok stats

	latency, ms				latency percentile, ms			
step	min	mean	max	StdDev	p50	p75	p95	p99
todos/v2/1	44.92	25905.17	85050.97	26214.4	29573.12	69664.77	84934.66	17518.38

ok stats

	data transfer			
step	min, KB	mean, KB	max, KB	all, MB
todos/v2/1	0.144	0.144	0.144	0.0484

fail stats

	request number		
step	all	failed	RPS
todos/v2/1	1600	1255	10.5

fail stats

	latency, ms				latency percentile, ms			
step	min	mean	max	StdDev	p50	p75	p95	p99
todos/v2/1	660.01	28752	61706.9	5595.14	56098.82	60686.34	61243.39	24855

fail stats

	data transfer			
step	min, KB	mean, KB	max, KB	all, MB
todos/v2/1	0.07	0.07	0.07	0.0426

status codes

status code	count	message
ok (no status)	345	
fail (no status)	620	
-100	635	step timeout: 5000 ms

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status codes

21.6%

latency indicators

requests

2,000

1,000

0

t < 800ms   800ms < t < 1.2s   t > 1.2s   failed

latency

requests number

21.6%

78.4%

● ok ● failed

latency distribution

latency, requests

800

600

400

200

0

100

80

60

40

00:00:10 00:00:20 00:00:30 00:00:40 00:00:50 00:01:00 00:01:10 00:01:20 00:01:30 00:01:40 00:01:50

duration

— load ■ t < 800ms ■ 800ms < t < 1.2s ■ t > 1.2s

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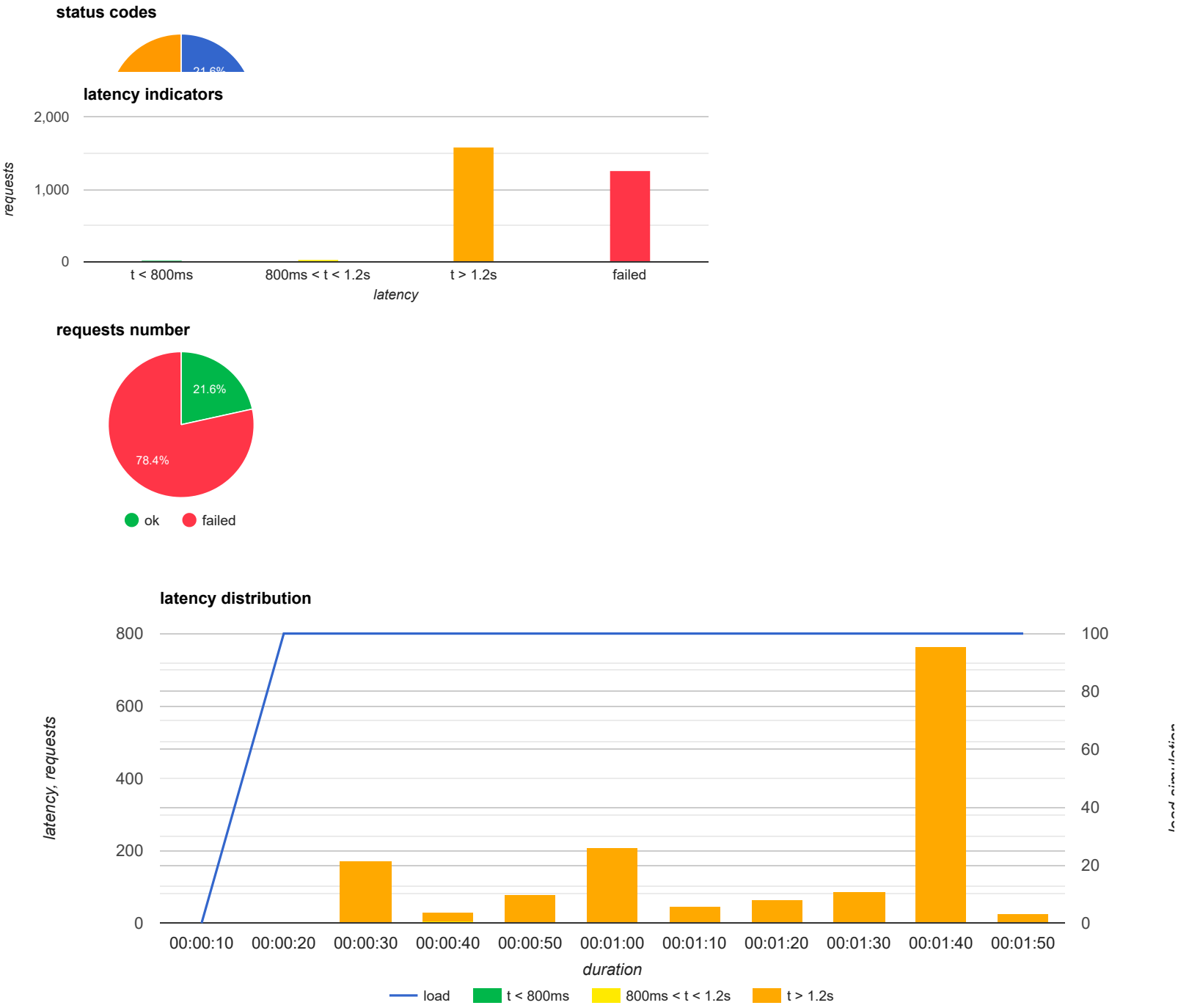
Hints ⚠

hints

source	name	hint
Scenario	DisabledScenario	Step: 'weatherforecast' in Scenario: 'DisabledScenario' didn't track status code. In order to track status code, you should use Response.Ok(statusCode: value)
Scenario	GlobalScenario	Step: 'todos/v1' in Scenario: 'GlobalScenario' didn't track status code. In order to track status code, you should use Response.Ok(statusCode: value)
Scenario	ConcurrencyScenario	Step: 'todos/v1/1' in Scenario: 'ConcurrencyScenario' didn't track status code. In order to track status code, you should use Response.Ok(statusCode: value)
Scenario	FixedWindowScenario	Step: 'todos/v2' in Scenario: 'FixedWindowScenario' didn't track status code. In order to track status code, you should use Response.Ok(statusCode: value)
Scenario	SlidingWindowScenario	Step: 'todos/v2/incompleted' in Scenario: 'SlidingWindowScenario' didn't track status code. In order to track status code, you should use Response.Ok(statusCode: value)
Scenario	UserBasedScenario	Step: 'todos/v2/completed' in Scenario: 'UserBasedScenario' didn't track status code. In order to track status code, you should use Response.Ok(statusCode: value)
Scenario	TokenBucketScenario	Step: 'todos/v2/1' in Scenario: 'TokenBucketScenario' didn't track status code. In order to track status code, you should use Response.Ok(statusCode: value)

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