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Kelas A

Matkul : Sistem Terdistribusi

Tugas : 4

RESTFUL, GRPC, dan Messaging

Restful

TOTAL RESULTS						
CUSTOM						
response_time_limamb.....	avg=41.49ms	min=5ms	med=21ms	max=598ms	p(90)=78ms	p(95)=138.29ms
response_time_satumb.....	avg=10.54ms	min=1ms	med=5ms	max=244ms	p(90)=17ms	p(95)=33.5ms
response_time_sepuluhkb.....	avg=4.48ms	min=0s	med=2ms	max=175ms	p(90)=7.29ms	p(95)=12.14ms
response_time_sepuluhmb.....	avg=78.81ms	min=9ms	med=43ms	max=1.06s	p(90)=157ms	p(95)=223ms
response_time_seratuskb.....	avg=4.55ms	min=0s	med=2ms	max=197ms	p(90)=8ms	p(95)=12ms
HTTP						
http_req_duration.....	avg=27.56ms	min=0s	med=7.17ms	max=1.05s	p(90)=62.24ms	p(95)=110.53ms
{ expected_response:true }...	avg=27.56ms	min=0s	med=7.17ms	max=1.05s	p(90)=62.24ms	p(95)=110.53ms
http_req_failed.....	0.00%	0 out of 7867				
http_reqs.....	7867	246.821942/s				
EXECUTION						
iteration_duration.....	avg=1.07s	min=102.89ms	med=1.06s	max=2.95s	p(90)=1.83s	p(95)=1.93s
iterations.....	7867	246.821942/s				
vus.....	78	min=58	max=300			
vus_max.....	300	min=300	max=300			
NETWORK						
data_received.....	27 GB	854 MB/s				
data_sent.....	612 kB	19 kB/s				

grpc

TOTAL RESULTS						
CUSTOM						
response_time_limamb.....	avg=2.33ms	min=0s	med=2ms	max=19ms	p(90)=4ms	p(95)=5ms
response_time_satumb.....	avg=21.5ms	min=8ms	med=21ms	max=99ms	p(90)=32ms	p(95)=38ms
response_time_sepuluhkb...	avg=862μs	min=0s	med=1ms	max=21ms	p(90)=2ms	p(95)=2ms
response_time_sepuluhmb...	avg=4.02ms	min=1ms	med=3ms	max=32ms	p(90)=7ms	p(95)=8ms
response_time_seratuskb...	avg=2.81ms	min=0s	med=2ms	max=30ms	p(90)=5ms	p(95)=6ms
EXECUTION						
iteration_duration.....	avg=1.05s	min=100.82ms	med=1.05s	max=2.06s	p(90)=1.8s	p(95)=1.9s
iterations.....	8026	250.886093/s				
vus.....	1	min=1	max=300			
vus_max.....	300	min=300	max=300			
NETWORK						
data_received.....	2.2 GB	67 MB/s				
data_sent.....	3.2 MB	101 kB/s				
GRPC						
grpc_req_duration.....	avg=2.44ms	min=0s	med=1.69ms	max=45.62ms	p(90)=4.96ms	p(95)=6.86ms

Messaging

kafka_writer_write_count.....	8099	253.594733/s					
kafka_writer_write_seconds.....	avg=170.48µs	min=0s	med=0s	max=22.57ms	p(90)=0s	p(95)=702.8µs	
kafka_writer_write_timeout.....	10s	min=10s	max=10s				
messages_sent_limamb.....	1615	50.56865/s					
messages_sent_satumb.....	1634	51.163575/s					
messages_sent_sepuluhkb.....	1618	50.662585/s					
messages_sent_sepuluhmb.....	1616	50.599961/s					
messages_sent_seratuskb.....	1616	50.599961/s					
response_time_limamb.....	avg=363.46µs	min=0s	med=0s	max=14ms	p(90)=0s	p(95)=1ms	
response_time_satumb.....	avg=347µs	min=0s	med=0s	max=21ms	p(90)=0s	p(95)=1ms	
response_time_sepuluhkb.....	avg=388.75µs	min=0s	med=0s	max=45ms	p(90)=0s	p(95)=1ms	
response_time_sepuluhmb.....	avg=399.75µs	min=0s	med=0s	max=54ms	p(90)=0s	p(95)=1ms	
response_time_seratuskb.....	avg=373.14µs	min=0s	med=0s	max=30ms	p(90)=0s	p(95)=1ms	