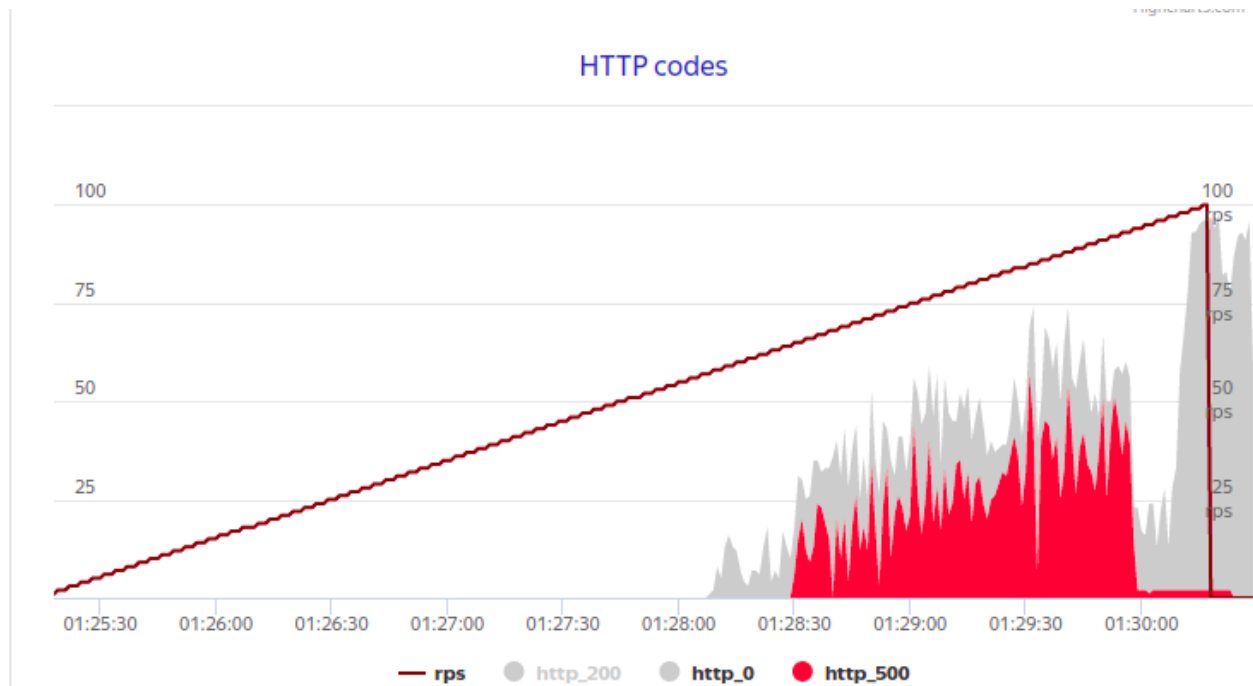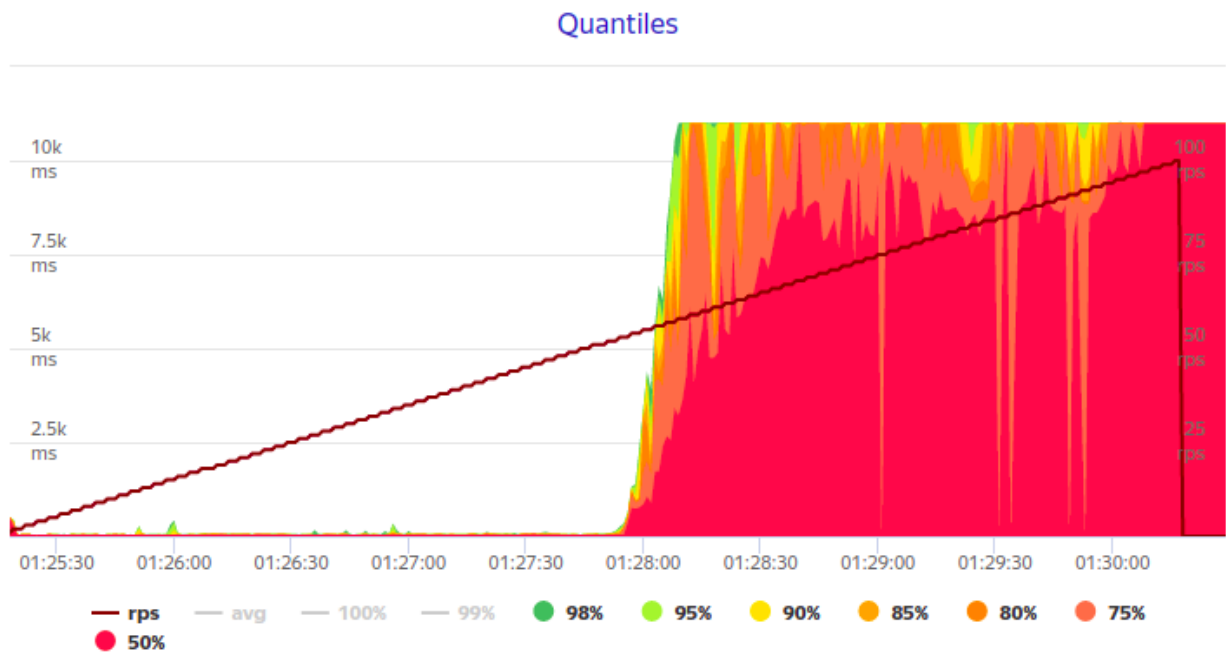### 1. Test /clients
Test how aggregator works with mongoDB
Load test: line(1,100, 5m)


Quantiles

HTTP codes

With rps > 50 - huge jump in time response, after 60 rps - server is down.

2. Test /scooters
Test how aggregators communicate with one scooter-service.

Aggregator connects to the scooter-service with a tonel ngrok, which in the free version gives only 40 connections per minute. In this test we cashed scooters list with timeout:15sec
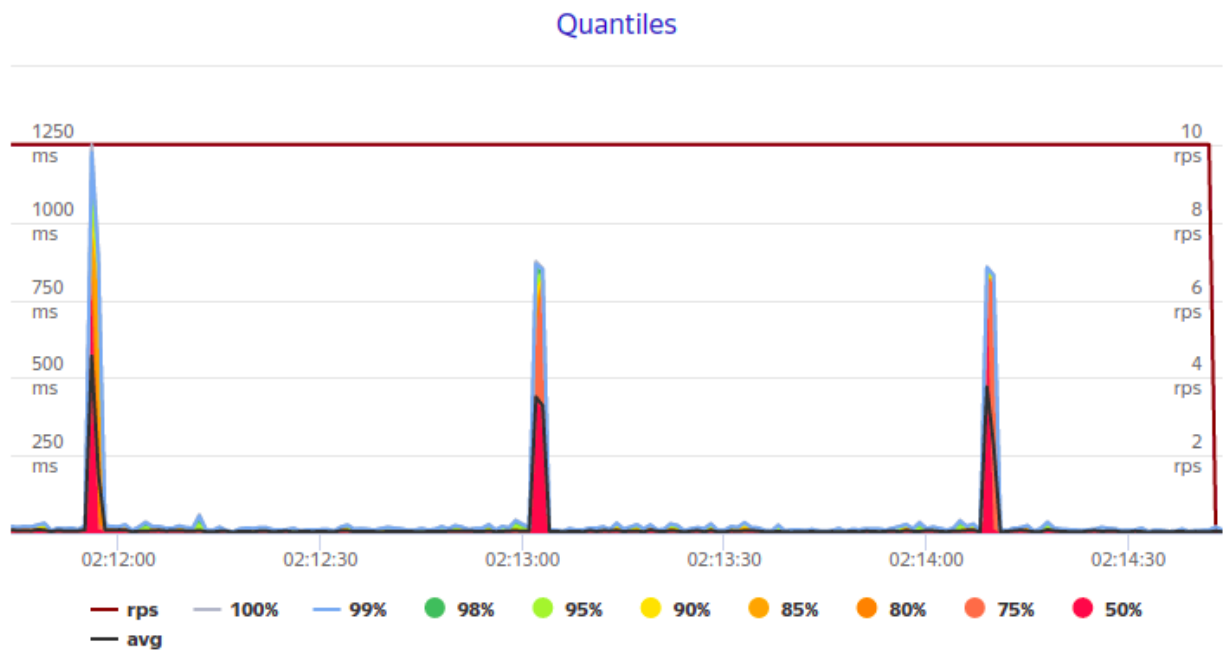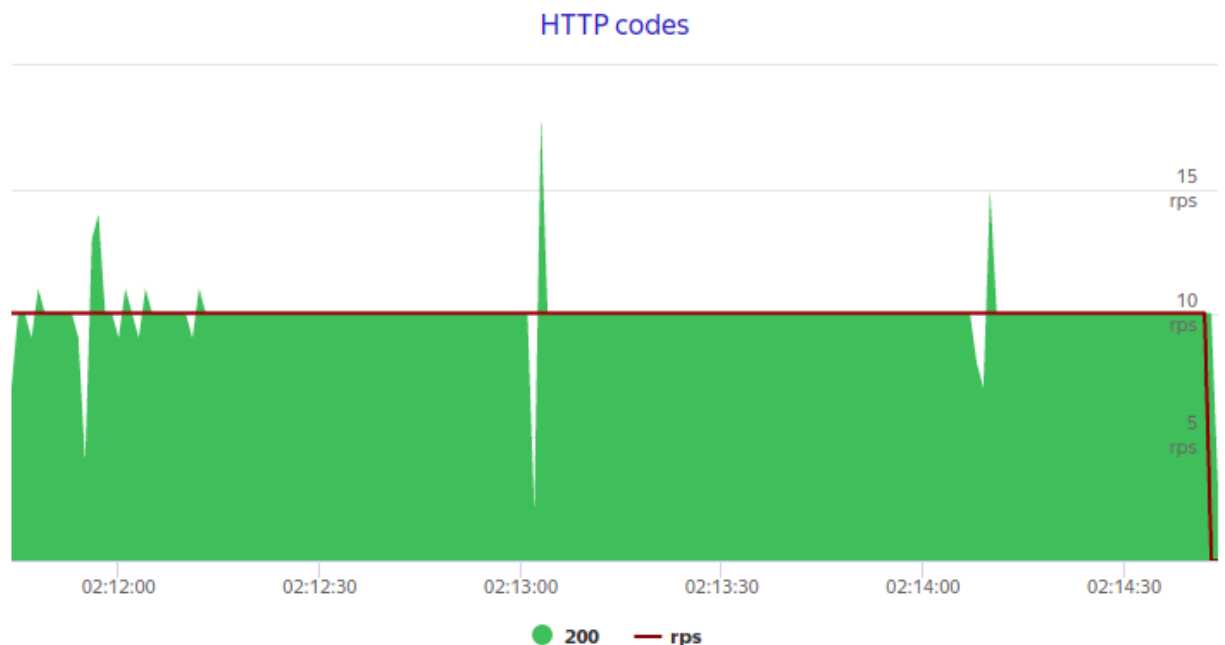Test load: line(1, 100, 5min)

Quantiles

Response time average per tag

HTTP codes
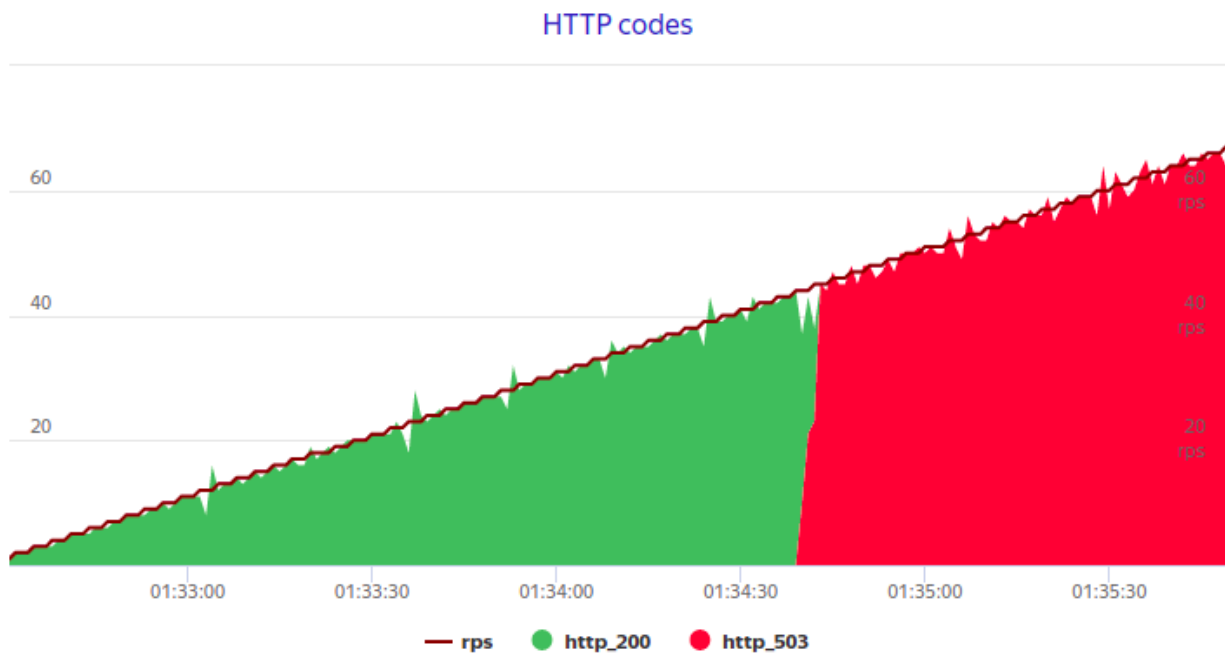
After 44rps scooter-service is down.

3. Test load const(10, 3m)

In this test we cashed scooters list with timeout: 65 sec

Quantiles

HTTP codes

At least it doesn't fail at 10rps.

Conclusion.

Even though our system depends on ngrok with 40 connections per m, the aggregator also depends on mongoDB and with rps > 60 stops working properly.

- Service stops working with rps ~40. Scooter sharing server stops responding due to ngrok tunnel.
- We tried loading our systems with 30, 20 rps (and cashed scooter 15s), but unfortunately it works OK for 3 minutes only with 10 rps.
- If load > 10 rps status responses could be: 500, 503;