Chaos Engineering Report

22 September 2025

Contents

Summary

This report aggregates 1 experiments spanning over the following subjects:

Experiment

RabbitMQ slow_close toxic via chaostoxi

This experiment injects a slow_close toxic into the RabbitMQ proxy using chaostoxi to simulate slow connection closes and observe the impact on the microservices.

Summary

Status	completed
Tagged	
Executed From	338331afb042
Platform	Linux-6.15.11-orbstack-00539-g9885ebd8e3f4-x86_64-with-glibc2.41
Started	Mon, 22 Sep 2025 09:20:35 GMT
Completed	Mon, 22 Sep 2025 09:20:35 GMT
Duration	0 seconds

Definition

The experiment was made of 3 actions, to vary conditions in your system, and 0 probes, to collect objective data from your system during the experiment.

Steady State Hypothesis The steady state hypothesis this experiment tried was "**Services may degrade**".

Before Run The steady state was not verified.

Probe	Tolerance	Verified
order-api-health	[200]	True
notifier-health	[200]	False

After Run The steady state was not verified.

Probe	Tolerance	Verified

Method The experiment method defines the sequence of activities that help gathering evidence towards, or against, the hypothesis.

The following activities were conducted as part of the experimental's method:

Type	Name
action	add-slow-close-rabbitmq
action	create-order
action	remove-slow-close-rabbitmq

Result

The experiment was conducted on Mon, 22 Sep 2025 09:20:35 GMT and lasted roughly 0 seconds.

Appendix