Chaos Engineering Report

01 November 2023

Contents

Summary

This report aggregates 1 experiments spanning over the following subjects:

Experiment

Chaos Load Experiment

This experiment is to test the load testing performance & find the errors when one of the deployment is offline (offline)

Summary

Status	failed
Tagged	
Executed From	LAPTOP-A8CQJ1B2
Platform	Linux-5.15.90.1-microsoft-standard-WSL2-x86_64-with-glibc2.29
Started	Wed, 01 Nov 2023 02:24:14 GMT
Completed	Wed, 01 Nov 2023 02:25:19 GMT
Duration	1 minute

Definition

The experiment was made of 3 actions, to vary conditions in your system, and 1 probes, to collect objective data from your system during the experiment.

Steady State Hypothesis

The steady state hypothesis this experiment tried was "**Make sure that load testing has been done & able to prompt every types to server**".

Before Run

The steady state was not verified.

Probe	Tolerance	Verified
Normal load testing log must exists	True	True
We can request text	200	True
We can request image	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
probe	Normal load testing log must exists
action	Turn off interface-proxy VM on Google Cloud Platform
action	Run load testing
action	Turn on interface-proxy VM on Google Cloud Platform

Result

The experiment was conducted on Wed, 01 Nov 2023 02:24:14 GMT and lasted roughly 1 minute.

Appendix