Chaos Engineering Report

28 October 2023

Contents

Summary

This report aggregates 1 experiments spanning over the following subjects:

Experiment

tamlops-chaos-load-experiment

N/A

Summary

Status	completed
Tagged	
Executed From	LAPTOP-A8CQJ1B2
Platform	Linux-5.15.90.1-microsoft-standard-WSL2-x86_64-with-glibc2.29
Started	Sat, 28 Oct 2023 12:58:48 GMT
Completed	Sat, 28 Oct 2023 12:59:28 GMT
Duration	40 seconds

Definition

The experiment was made of 1 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 "**Normal Load Testing Check**".

Before Run

The steady state was verified

Probe	Tolerance	Verified
normal-load-testing-log-must-exists	True	True

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	Retrieve all incidents repeatedly.

Result

The experiment was conducted on Sat, 28 Oct 2023 12:58:48 GMT and lasted roughly 40 seconds.

Action - Retrieve all incidents repeatedly.

Status	succeeded
Background	False
Started	Sat, 28 Oct 2023 12:58:48 GMT
Ended	Sat, 28 Oct 2023 12:59:28 GMT
Duration	40 seconds

The action provider that was executed:

Type	python
Module	chaosk6.actions
Function	stress_endpoint
Arguments	{'endpoint': 'https://status.cloud.google.com/incidents.json', 'vus': 10, 'duration': '5s', 'log_file': 'log/k6.log'}

Appendix

Action - Retrieve all incidents repeatedly.

The *action* returned the following result:

```
True
```