Chaos Engineering Report

19 April 2023

Contents

Summary

This report aggregates 1 experiments spanning over the following subjects:

wiremock, chaostoolkit

Experiment

Add mapping

Experimenting with the Wiremock driver

Summary

Status	completed
Tagged	wiremock, chaostoolkit
Executed From	ip-172-31-20-31
Platform	Linux-5.15.0-1031-aws-x86_64-with-glibc2.35
Started	Wed, 19 Apr 2023 06:57:59 GMT
Completed	Wed, 19 Apr 2023 06:57:59 GMT
Duration	0 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 "**WM server is running**".

Before Run   The steady state was verified

Probe	Tolerance	Verified
Wiremock server is running	200	True

After Run   The steady state was verified

Probe	Tolerance	Verified
Wiremock server is running	200	True

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	fixed_delay

Result

The experiment was conducted on Wed, 19 Apr 2023 06:57:59 GMT and lasted
roughly 0 seconds.

Action - fixed_delay

Status	succeeded
Background	False
Started	Wed, 19 Apr 2023 06:57:59 GMT
Ended	Wed, 19 Apr 2023 06:57:59 GMT
Duration	0 seconds

The action provider that was executed:

Type	python
Module	chaoswm.actions
Function	fixed_delay
Arguments	{'filter': [{'method': 'GET', 'url': '/hello1'}], 'fixedDelayMilliseconds': 1000}

Appendix

Action - fixed_delay   The *action* returned the following result:

```
[{'id': '8f62991c-a4bb-46dc-a4ae-c8020d0f3e63',
  'request': {'method': 'GET', 'url': '/hello1'},
  'response': {'body': 'Hello world1!',
               'fixedDelayMilliseconds': 1000,
               'headers': {'Content-Type': 'text/plain'},
               'status': 200},
  'uuid': '8f62991c-a4bb-46dc-a4ae-c8020d0f3e63'}]
```