Conf42
Chaos Engineering
2022

Chaos Engineering alongside Litmus and Jenkins 🔥🔥

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CHAOS NATIVE

Litmus

Agenda

- Introduction
- How is chaos engineering easier with Litmus?
- Litmus alongside Jenkins ?
- Demo

Introduction

Chaos Engineering is the discipline of experimenting on a system in order to build confidence in the system's capability to withstand turbulent conditions in production.

- *https://principlesofchaos.org*

Chaos Engineering

Easier

???

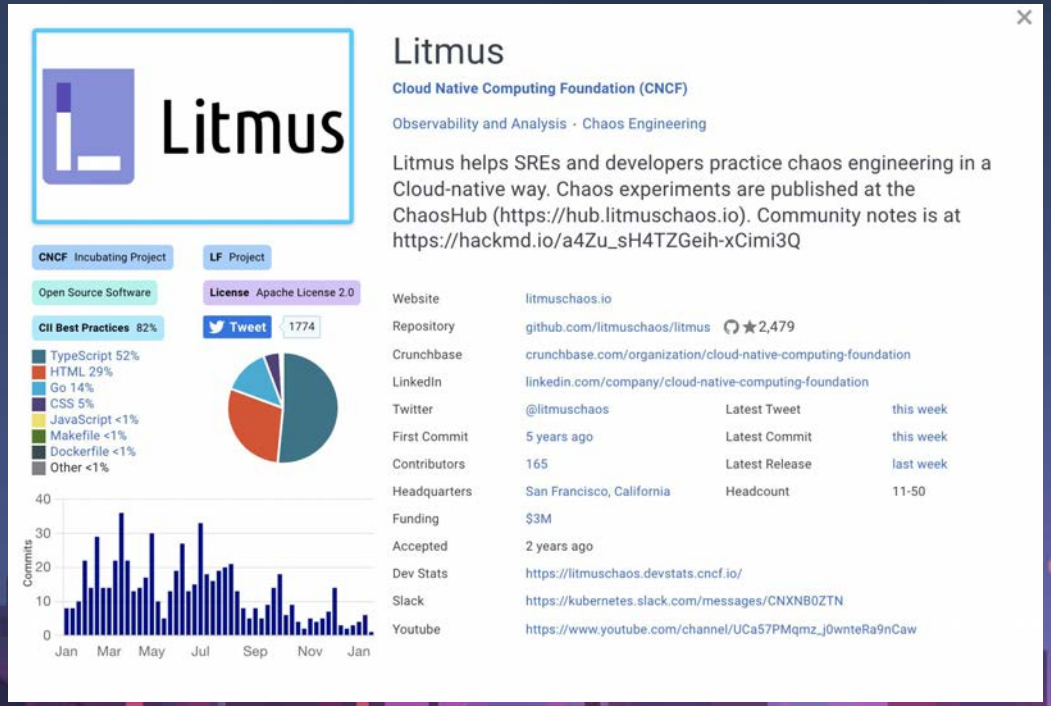
Environment

aws

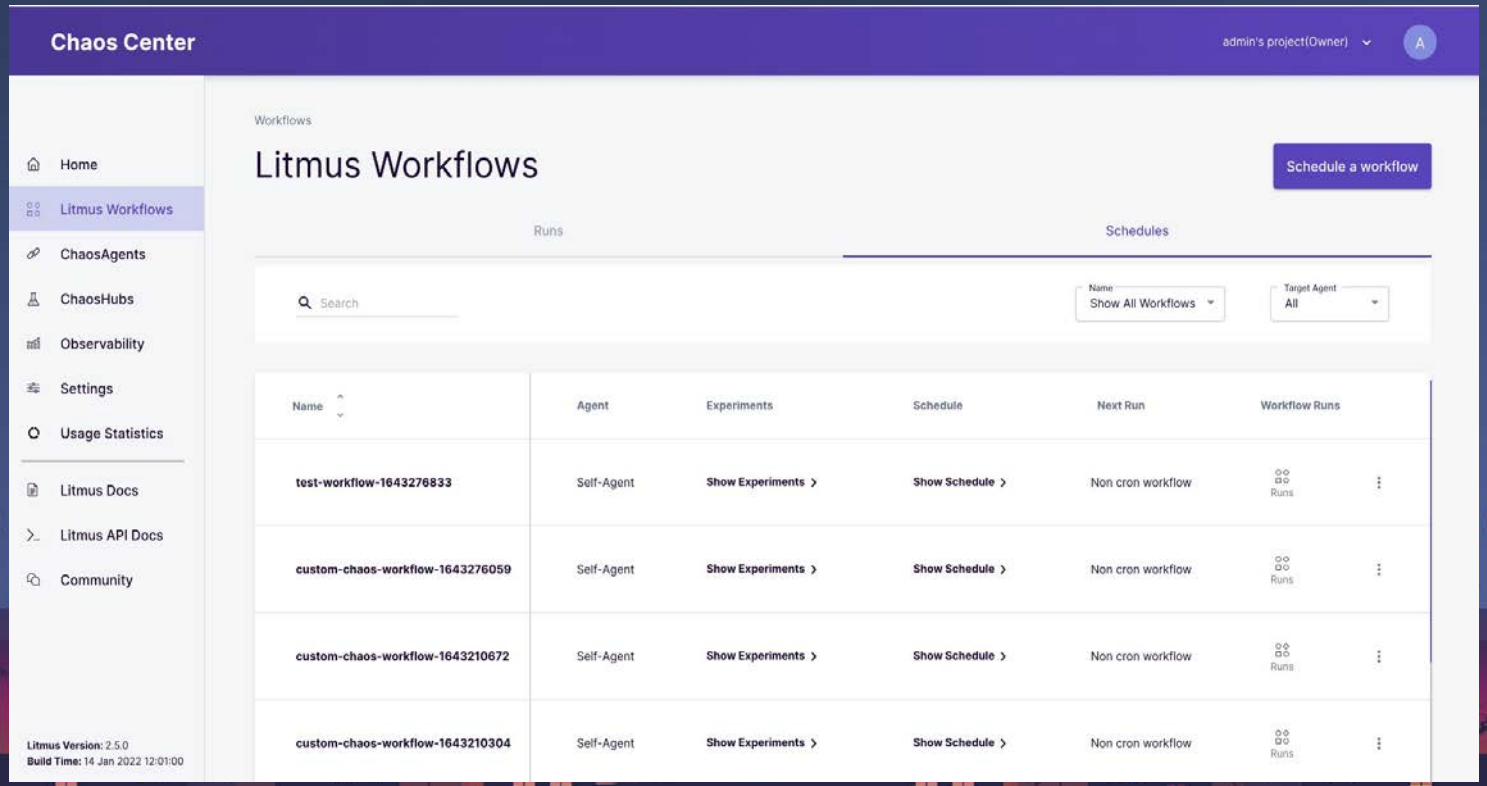
slack

Litmus

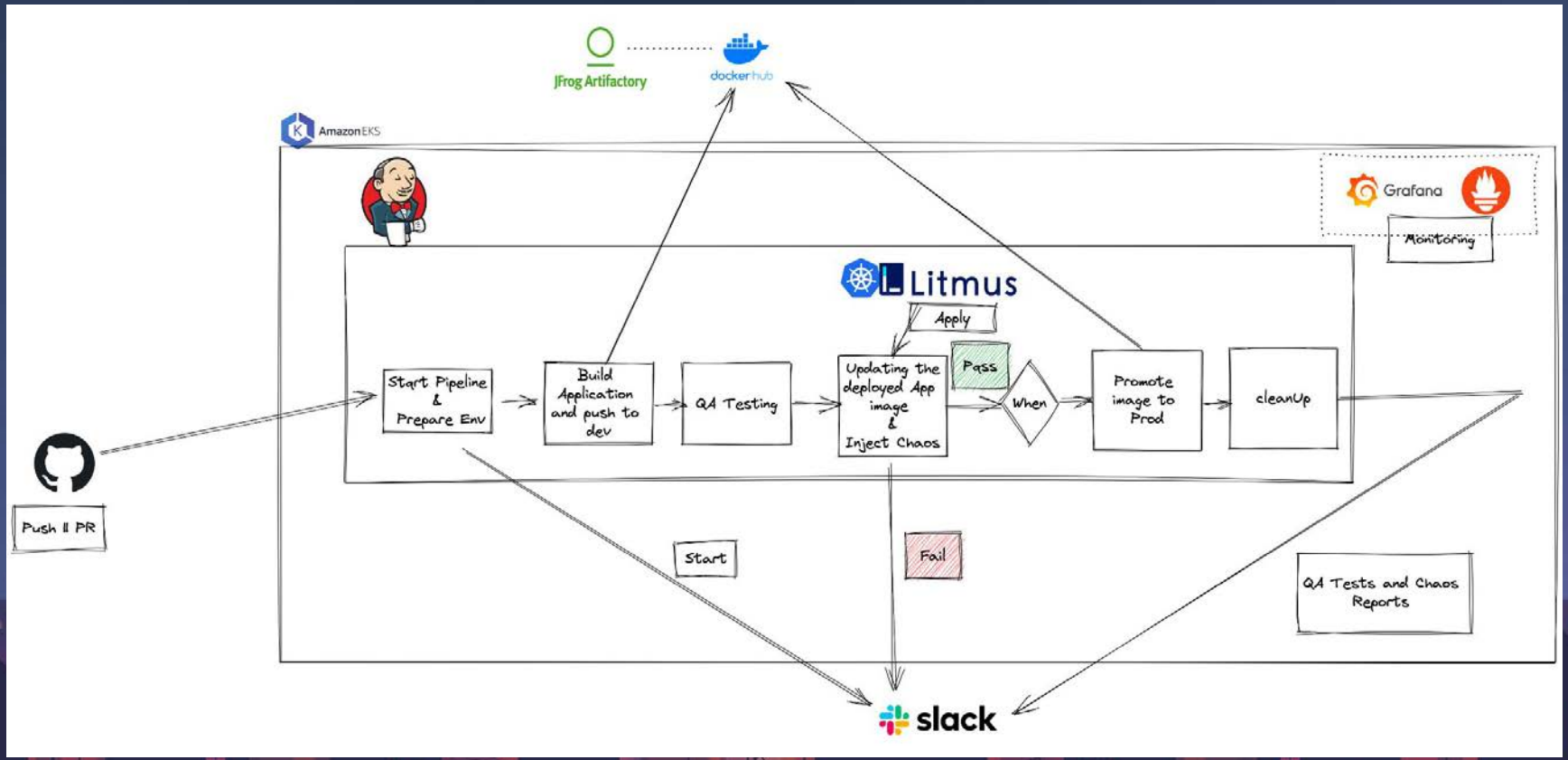
Litmus Chaos



Chaos Workflows



How is that?

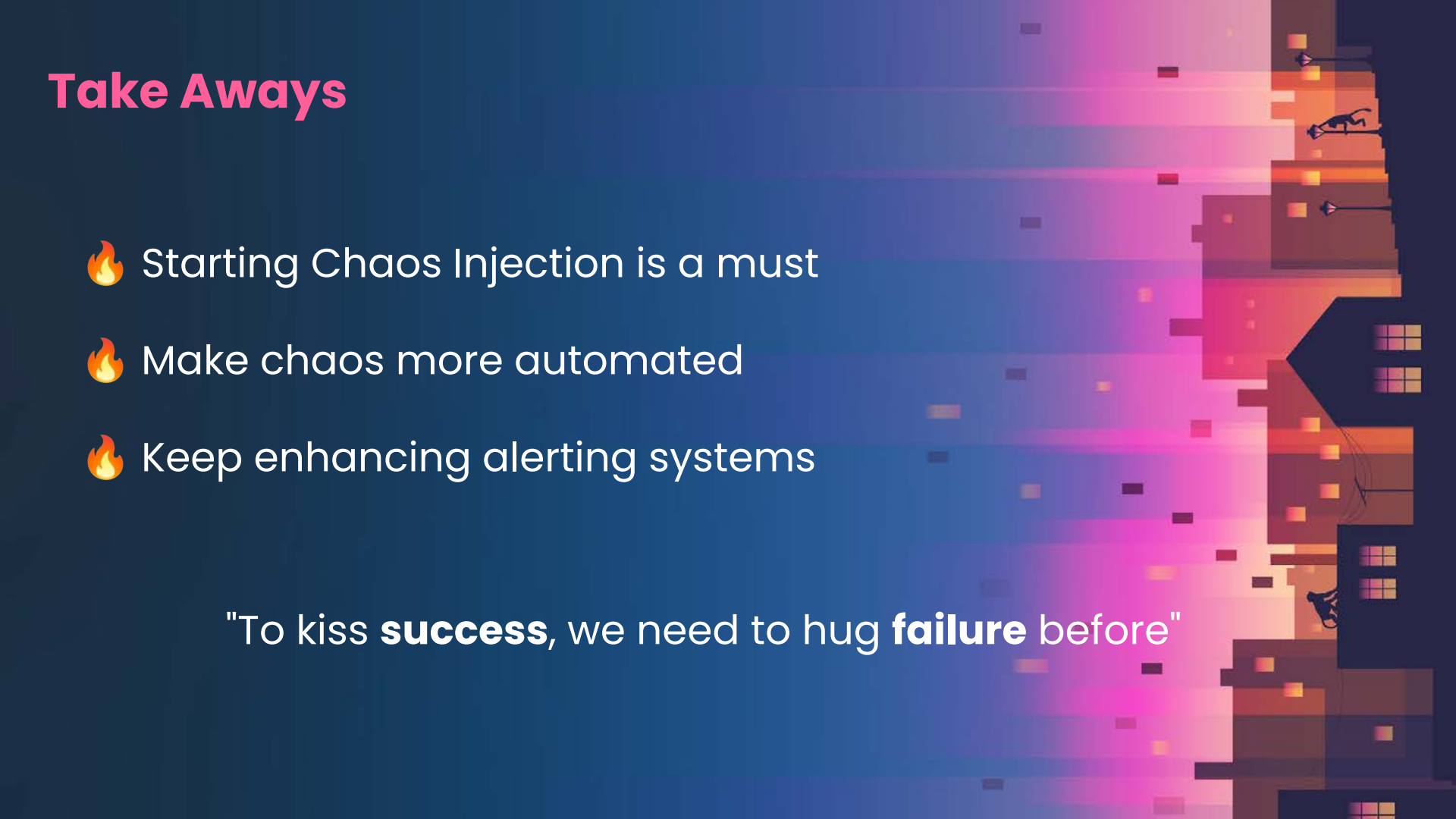

JFrog Artifactory
dockerhub
AmazonEKS
Grafana
Monitoring
Litmus
Apply
Start Pipeline & Prepare Env
Build Application and push to dev
QA Testing
Updating the deployed App image & Inject Chaos
Pass
When
Promote image to Prod
cleanUp
Push || PR
Start
Fail
QA Tests and Chaos Reports
slack

GET READY
IT'S DEMO TIME

Take Aways

- 🔥 Starting Chaos Injection is a must
- 🔥 Make chaos more automated
- 🔥 Keep enhancing alerting systems

"To kiss **success**, we need to hug **failure** before"



wescale
Thank you 👋
@AkramRIAHI4