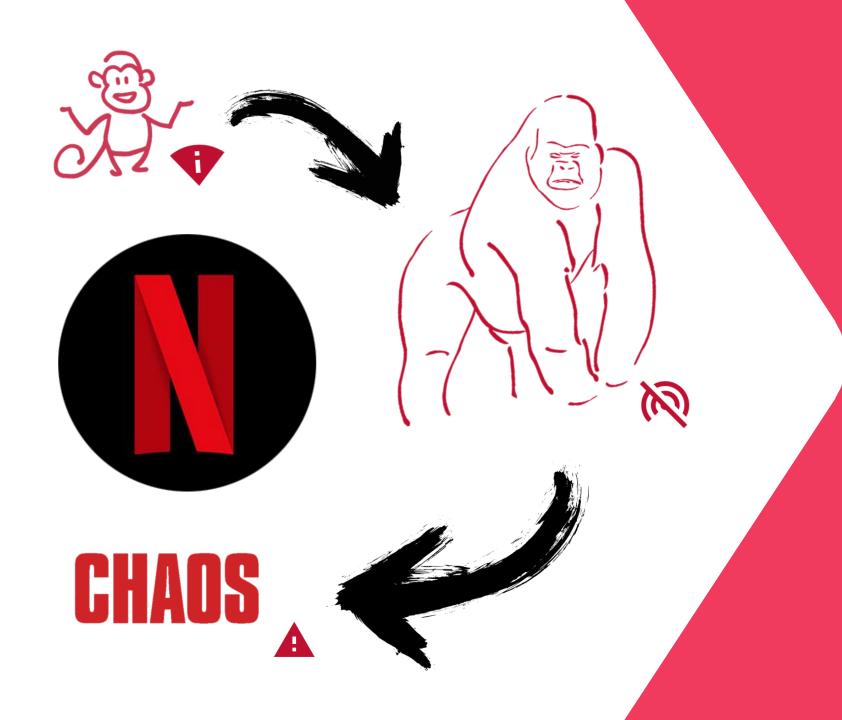




What is Chaos Engineering?

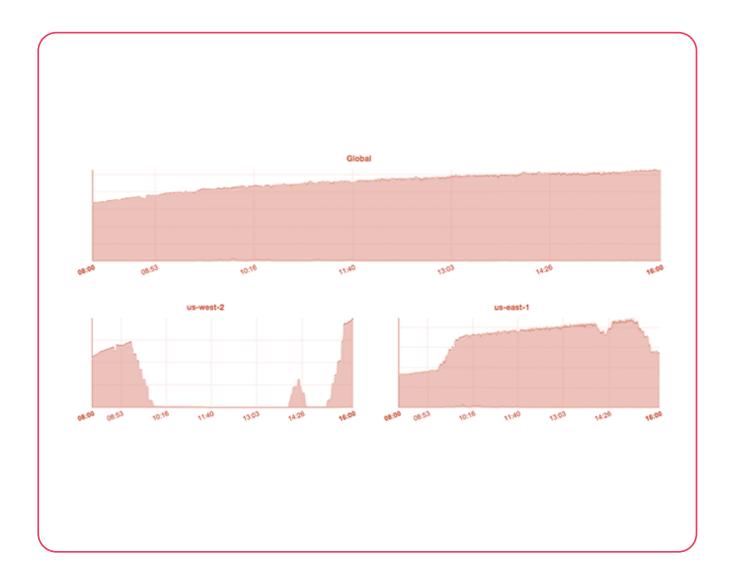




History:
from a
monkey
to a
discipline

Chaos Kong exercise in progress





Practical steps



Things we are Things we are aware of and aware of but don't Known understand. understand. Things we Things we are Unknown understand but neither aware of are not aware of. nor understand. Knowns **Unknowns**

Types of experiments

Principles

Build a hypothesis around steady state behaviour

Vary real-world events

Run experiments in production

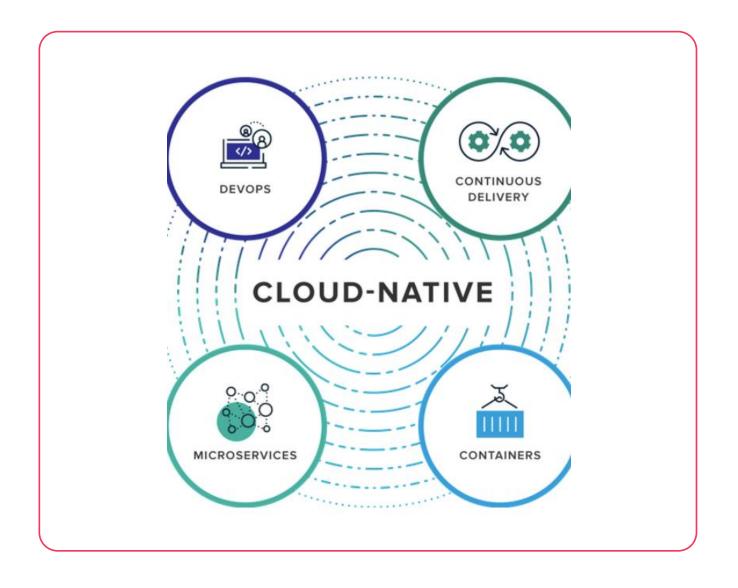
Minimize blast radius

Automate experiments to run continuously

Advantages	Disadvantages
Antifragility and resilience are gained	Implementation for large- scale systems can cause a higher cost
Prevention of significant economic business losses and costs	Failing in the experiment process could affect the customer
No loss of client confidence	
Help in finding bugs whose solutions may be found easily and faster	

When is this discipline recommended to be applied?

- Distributed systems
- Microservice architectures



Which companies practice Chaos Engineering?



Questions?

