The complete O11y Stack for your Web Applications

21 Aug 2024

Grafana Labs

DEVOPSDAYS HALIFAX

Presenter

Syed Usman Ahmad

Sr. Developer Advocate

About me

What I do?

My previous roles?

What I do beside work?

↘

github.com/usmangt

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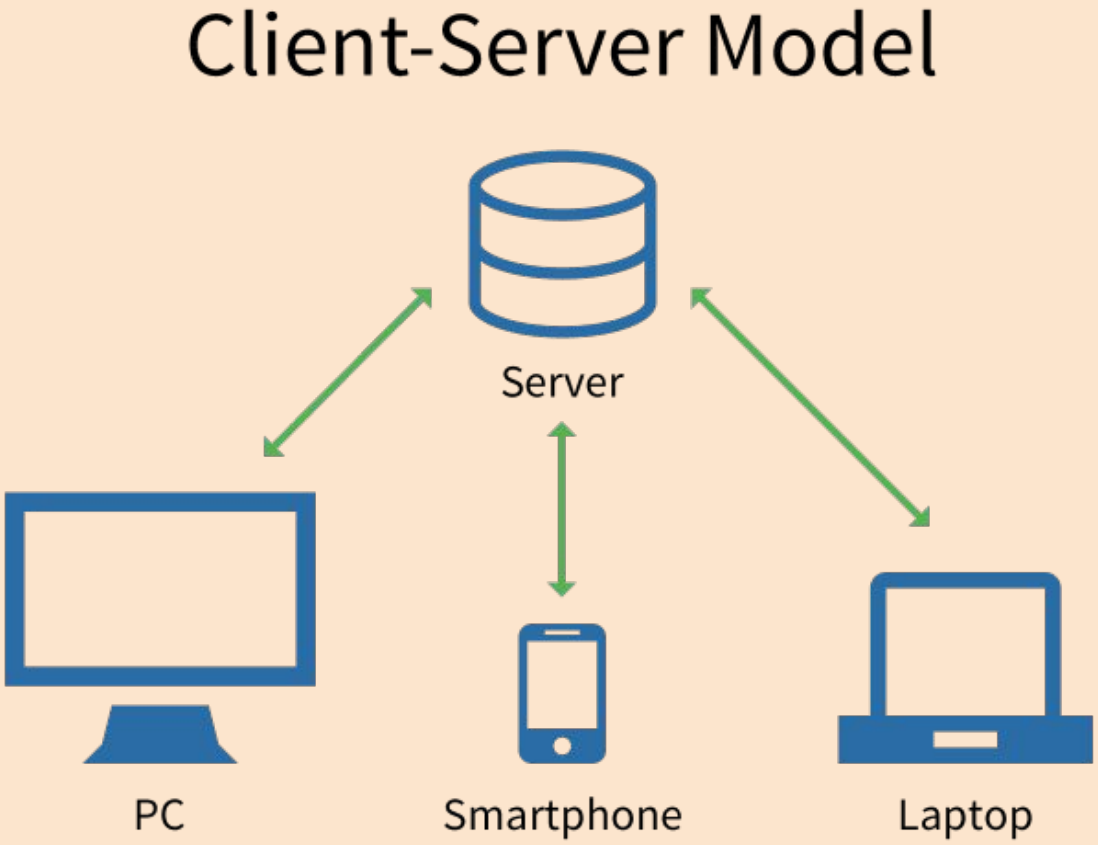
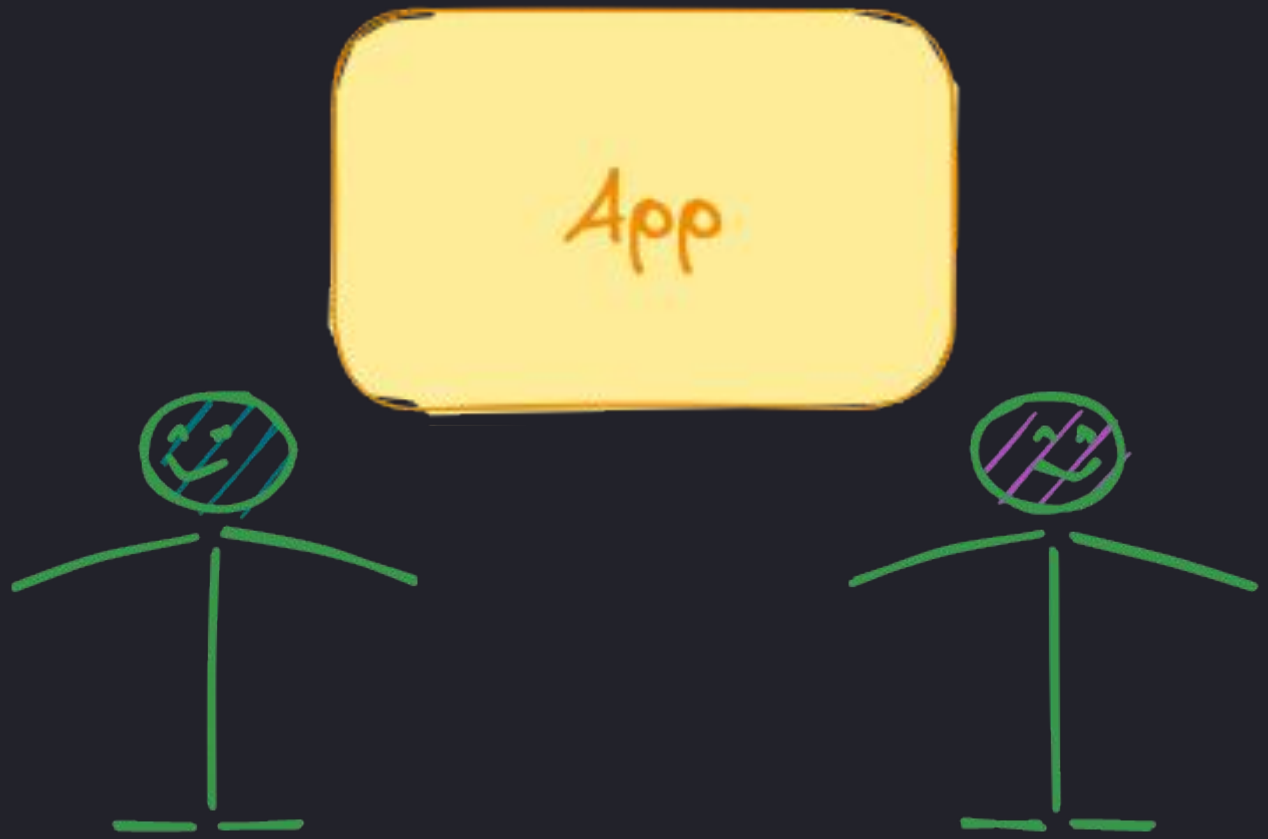
A History on Web Application

Web Applications



How do you observe your applications today?



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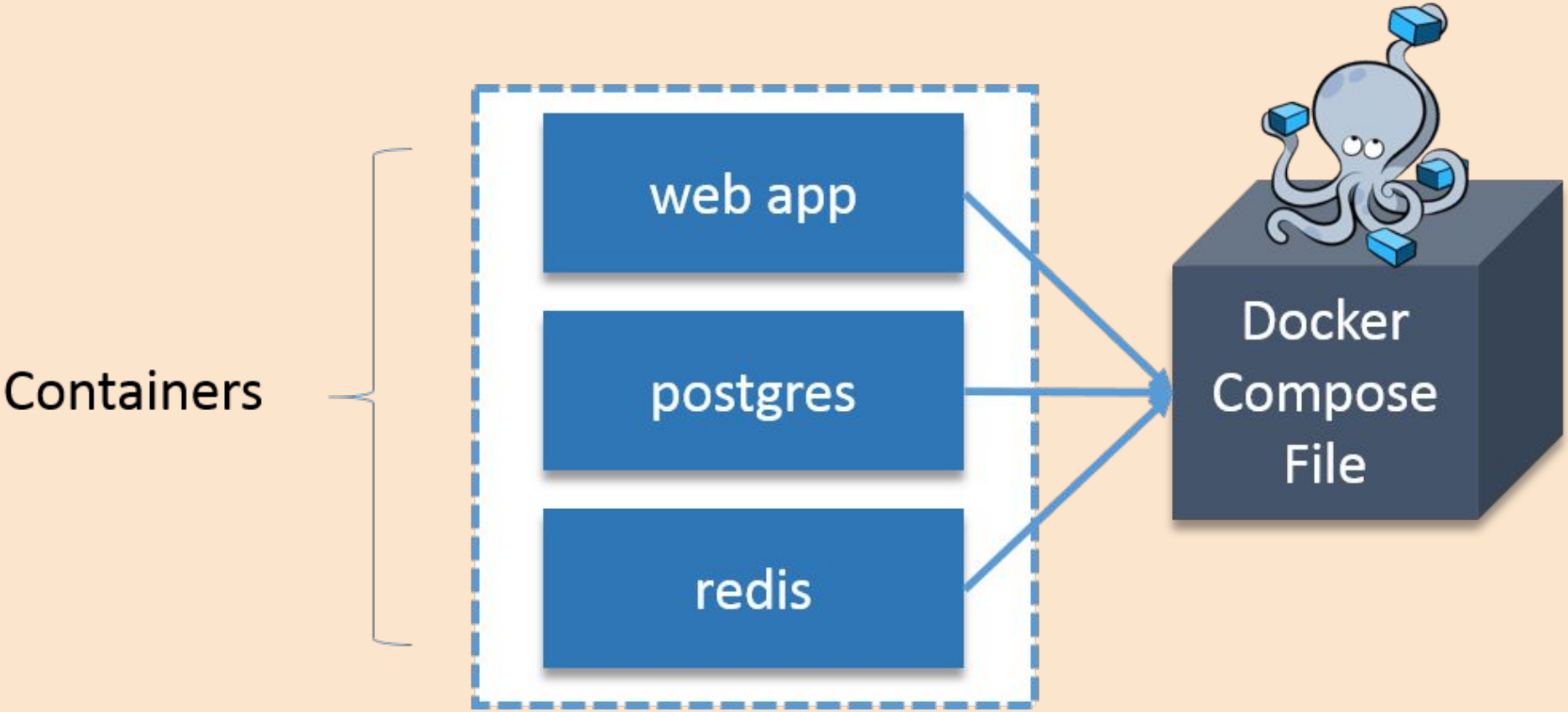
The Evolution of Containerization

Web Applications



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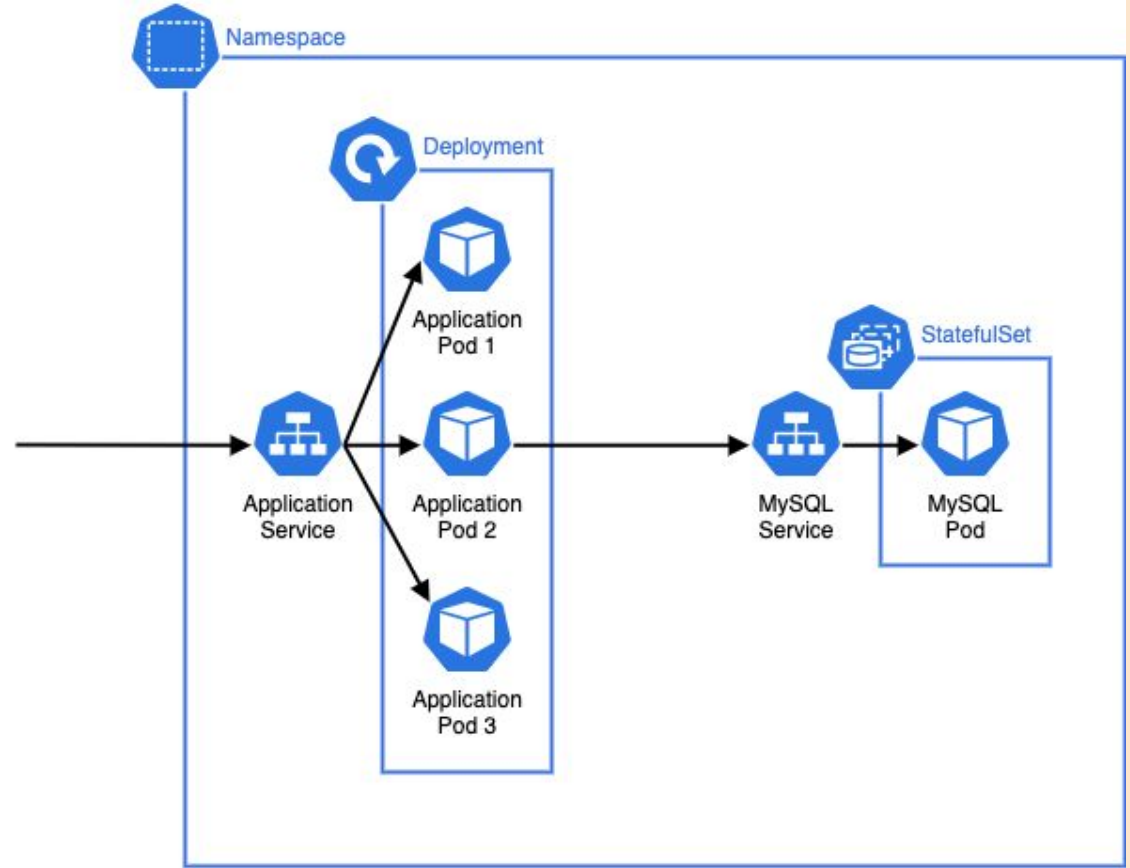
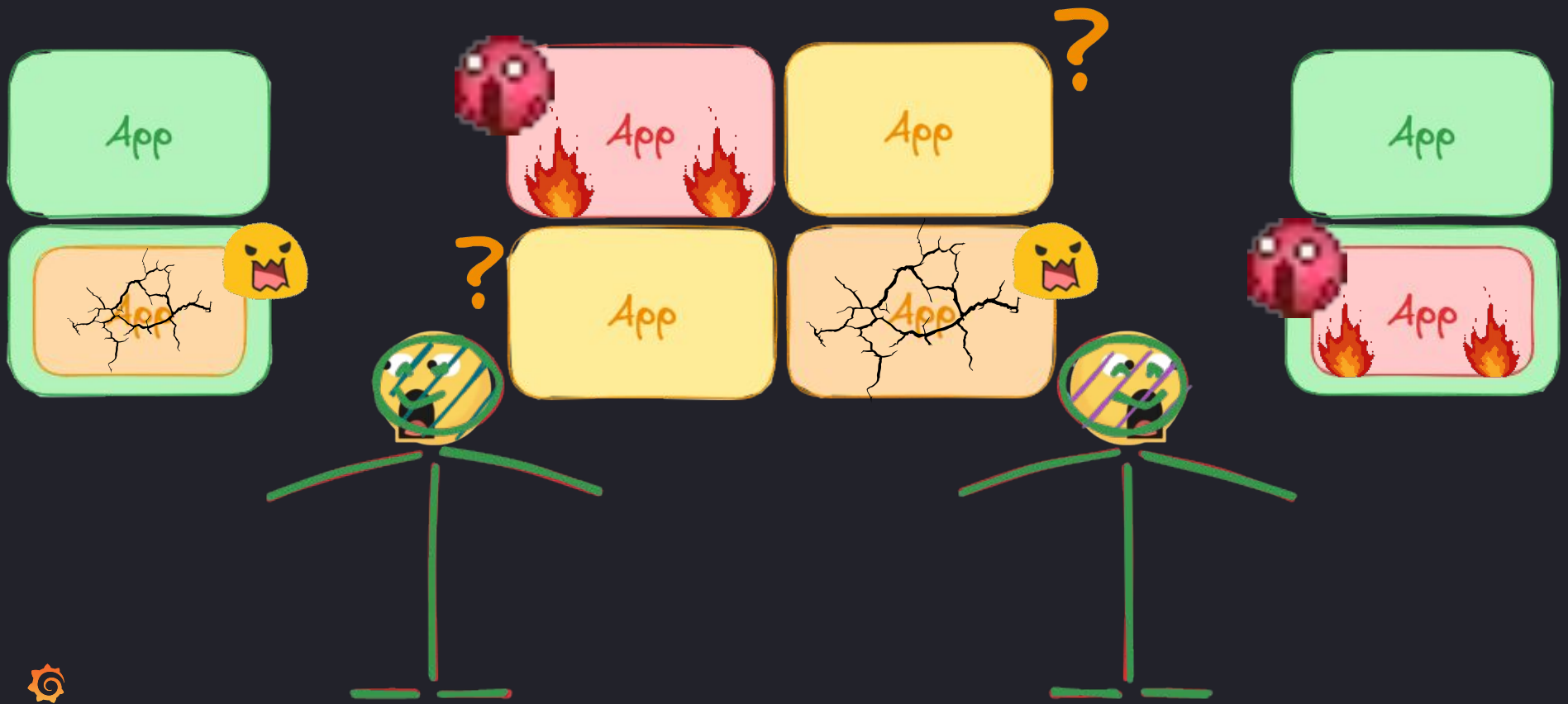
Memory / CPU
memory
cpu
logins
logins
logins (-1 hour)
Memory
89 B
Sign ups
265
Logouts
179
Sign outs
262
server requests
web_server_01
web_server_02
web_server_03
web_server_04
client side full page load
Microservice Apps + K8s

Web Applications



How do you observe your applications today?

How do you generally find out about problems?



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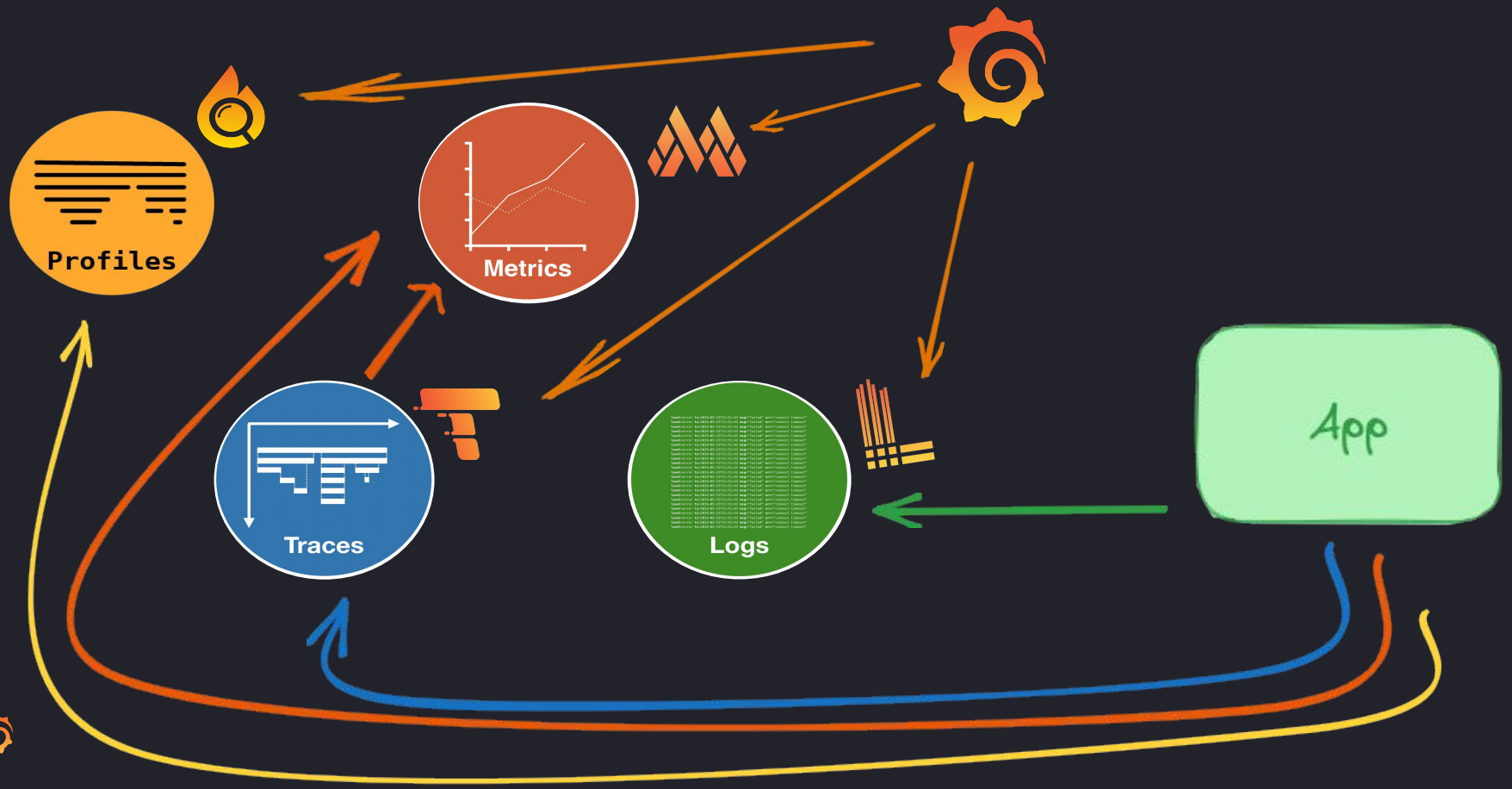
Is there a complete Observability Stack?

2: Traces, (more) Metrics and Profiles



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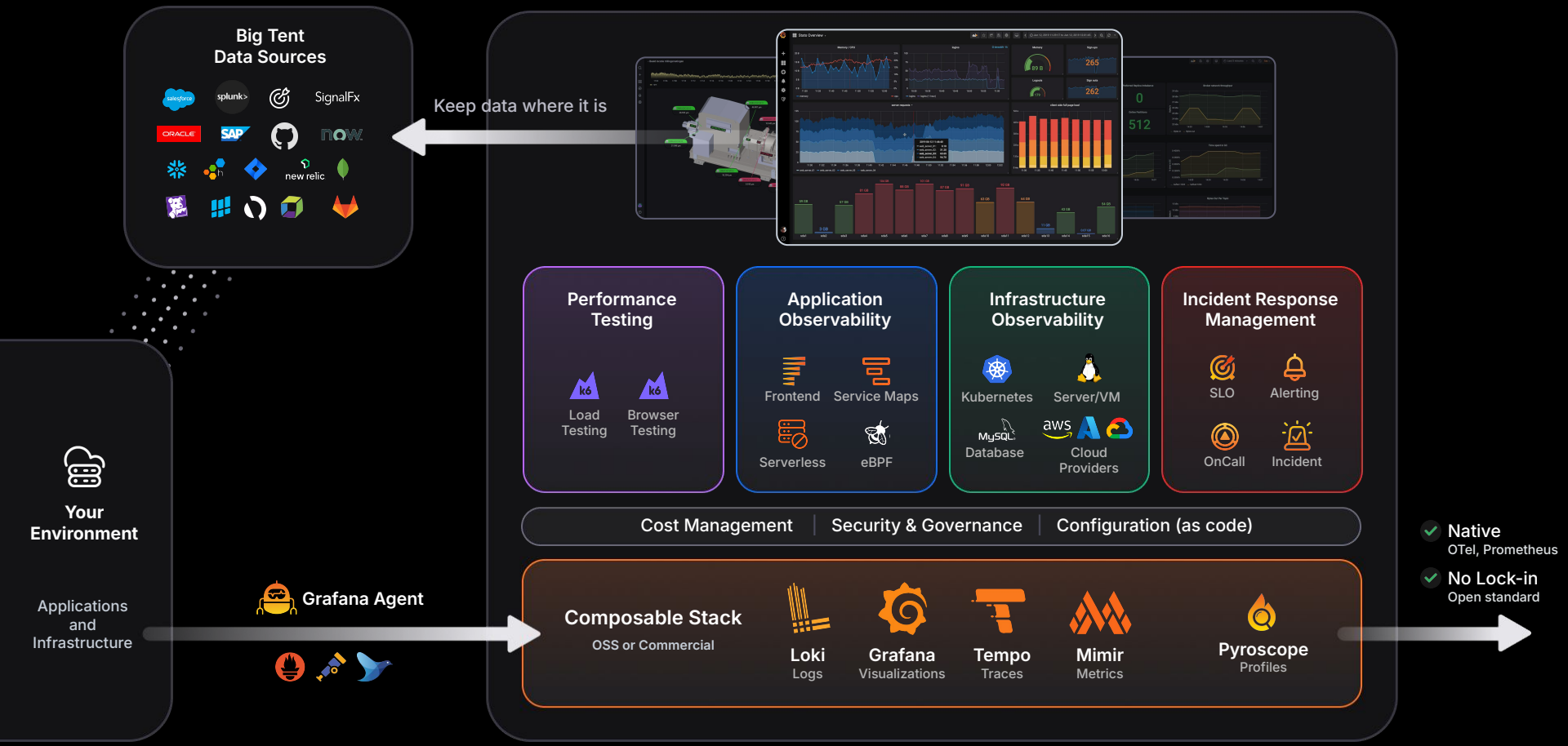
Why Grafana?

Your open and composable observability stack



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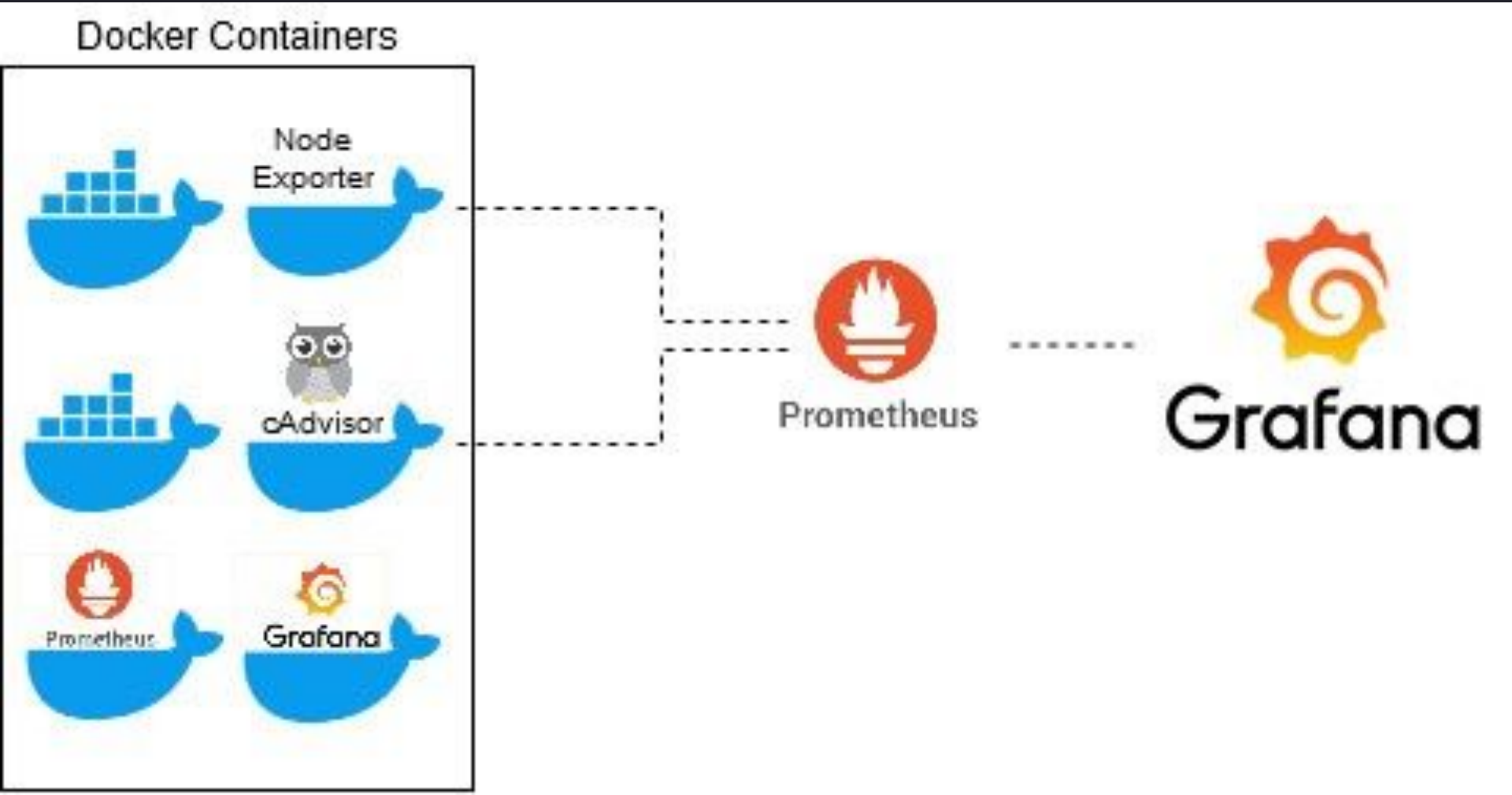
Demo 1


Docker Containers
Node Exporter
cAdvisor
Prometheus
Grafana
Prometheus
Grafana

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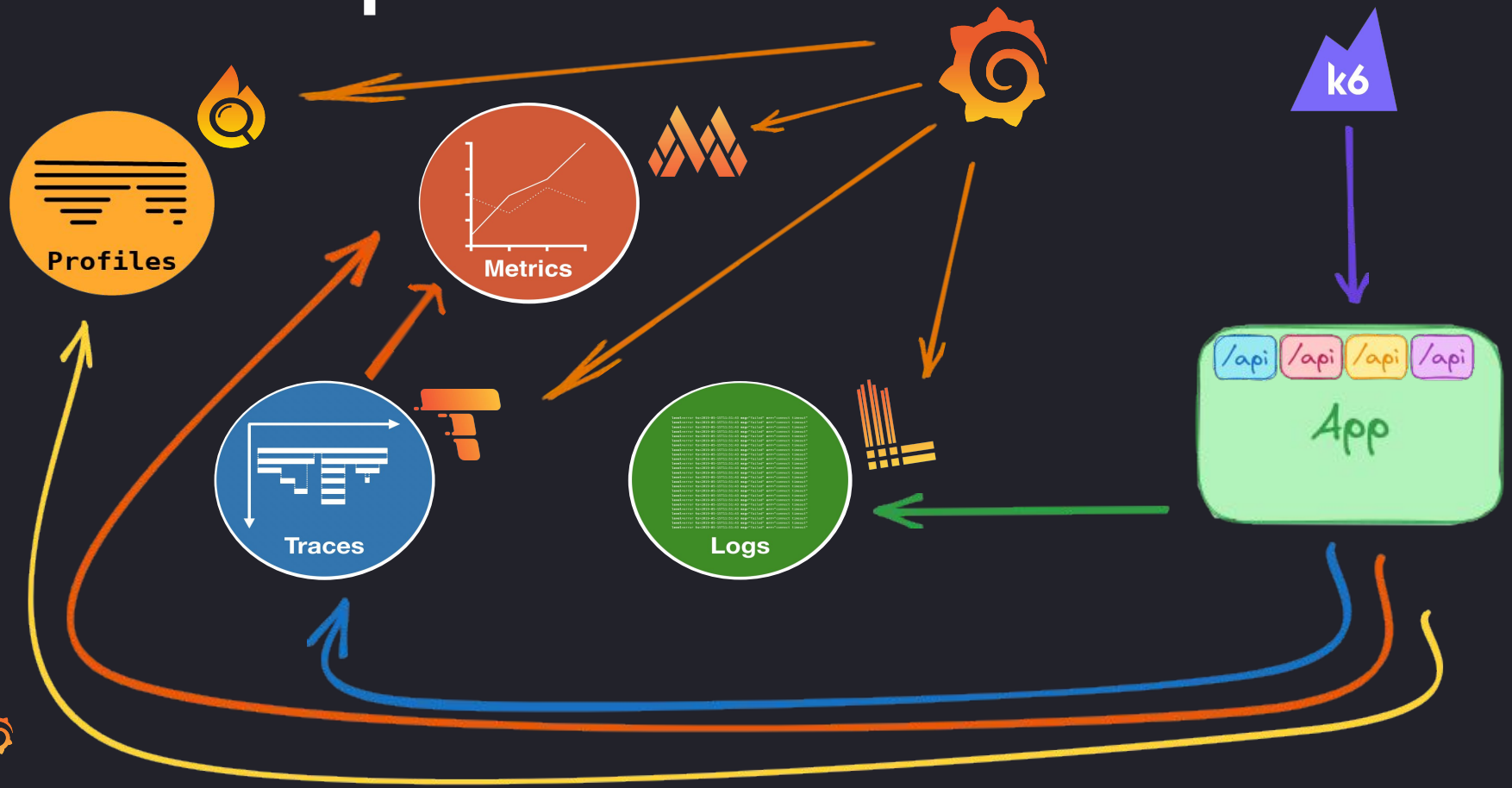
Demo 2

https://github.com/grafana/intro-to-mltp/

The Complete Picture



Final Takeaways

Available in many flavours

A Complete Stack for **EVERYTHING**

Rich Features & Community Support

Efficient Cloud Application Monitoring with Grafana API Integration (Full Talk)

22 Apr. 2024

At Scotiabank Lecture Hall
(12:45 PM)

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Thanks for participating!

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