

blueswen / observability-workshop-101

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| readme.md | Update docs | 2 years ago |

README

Observability Workshop 101

1. 2023/11/09: [MWC 2023 Workshop - 從零開始打造可觀測性平台](#)
i. 簡報連結：[Speaker Deck](#)

前置準備

1. 預先 Pull 所有會使用到 Container Image

```
docker pull ghcr.io/blueswen/observability-workshop-101/fastapi:latest
docker pull ghcr.io/blueswen/observability-workshop-101/springboot:latest
docker pull gcr.io/cadvisor/cadvisor:v0.47.2
docker pull prom/prometheus:v2.47.2
docker pull grafana/mimir:2.10.3
docker pull grafana/promtail:2.9.2
docker pull grafana/loki:2.9.2
docker pull grafana/tempo:2.3.0
docker pull grafana/grafana:10.2.0
docker pull grafana/agent:v0.37.1
docker pull otel/opentelemetry-collector-contrib:0.88.0
```

環境需求

本機設備

1. 能夠連線至網際網路，以便連線至 GitHub、Docker Hub 取得相關資源

2. 預先安裝 Docker 與 Docker Compose，且可正常使用 Volume 掛載與 Port Forwarding 功能

雲端環境 - GCP Cloud Shell

1. [GCP Cloud Shell](#) 配有 Docker 與 VSCode 的虛擬機環境，為免費服務無需支費任何費用，每週可使用 50 小時，其他使用限制請參考 [Cloud Shell Doc - Limitations and restrictions](#)

2. 開啟 Grafana 網頁時會因為 Grafana 本身的安全機制阻擋出現 Origin not allowed 錯誤，可以使用 [ngrok](#) 建立網路通道即可繞過

常見問題

1. 使用 podman-compose 時 Container 間無法使用 Service Name 互相連線

i. 將 Podman network 由 cri 改為 netavark，參考 [\[question\] container names for compose from app_b -> fastapi-jaeger_app-b_1](#) 與 [Podman 4.0's new network stack: What you need to know](#)

About

Build a lab scale end-to-end Observability Platform.

grafana

prometheus

loki

tempo

observability

mimir

opentelemetry

Readme

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Packages 2

observability-workshop-101/fastapi

observability-workshop-101/springboot

Languages

Python 44.9%

Java 38.7%

JavaScript 12.9%

Dockerfile 3.5%

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