倍力資訊
M-POWER Information

使用 Rancher
輕鬆打造 K8s DevOps 環境

e-MPower Your E-Biz

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Agenda

- Rancher Overview
- Demo
  - Workload
  - Catalogs
  - Pipeline
  - Service mesh

Rancher Overview

- Rancher 是為企業打造的容器管理平台，簡化了使用 Kubernetes 的流程，開發者可以隨處運行 Kubernetes，並同時滿足 IT 與 DevOps 團隊的需求

Rancher Overview

13,000+

GitHub stars

Deploy Rancher

9,000+

Users trained

Free weekly training

2.7M+

Containers managed

Request a demo

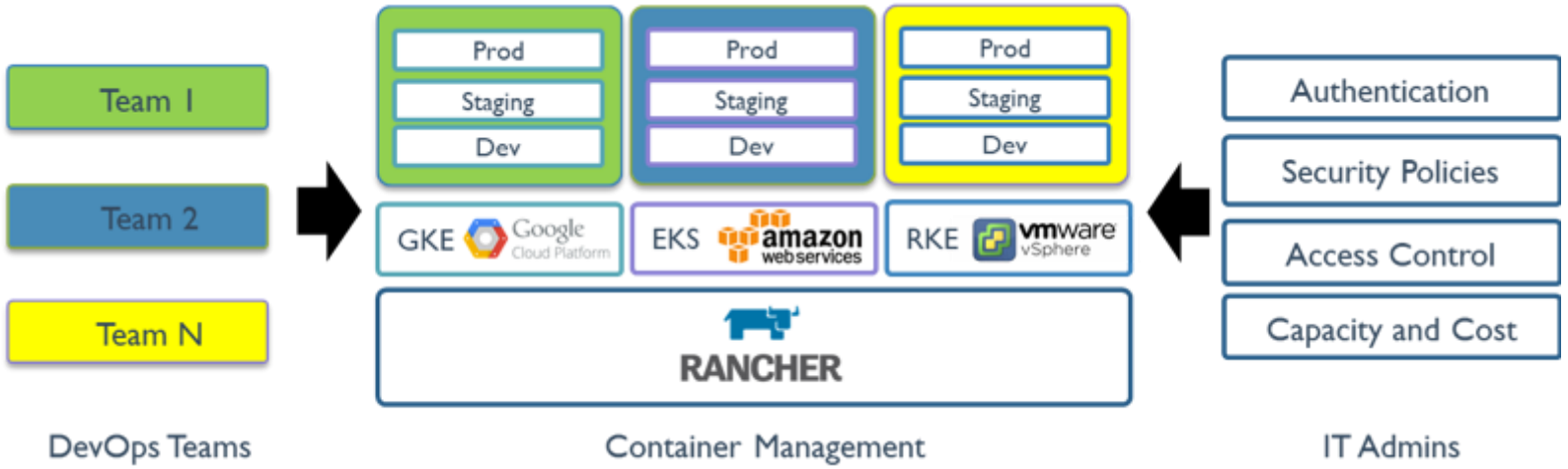
300+

Enterprise customers

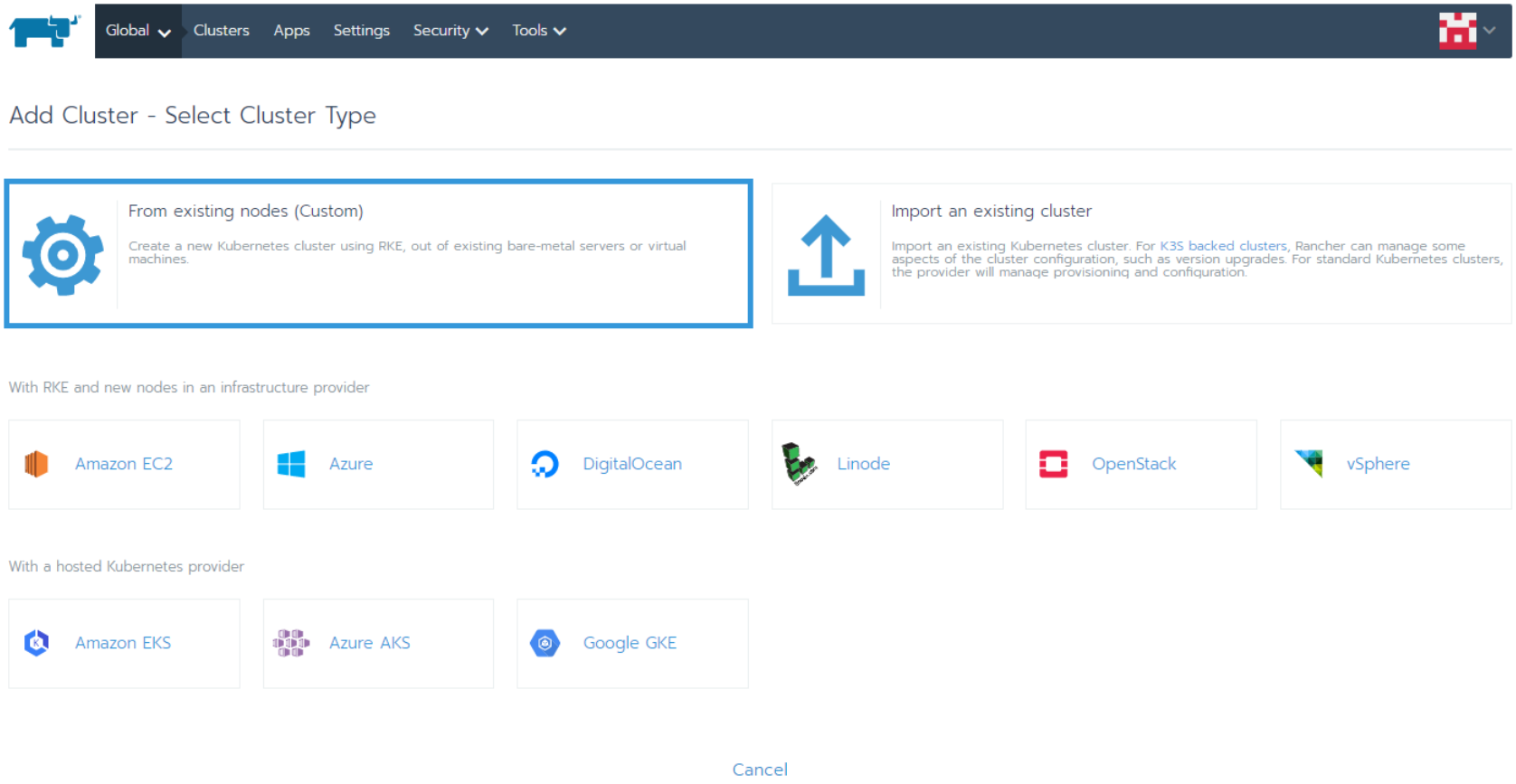
Get support

Rancher Overview

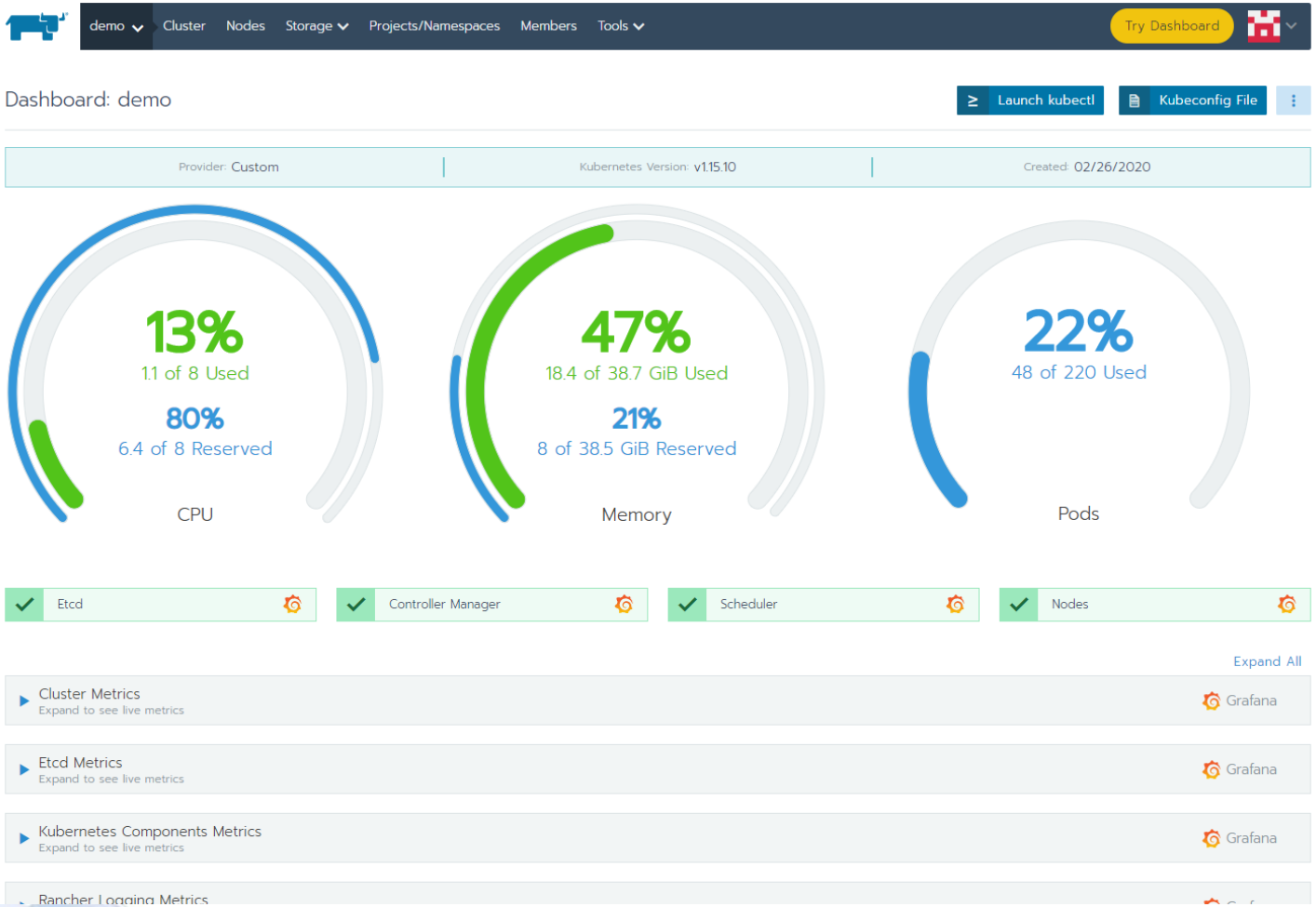
Rancher Overview



Multi-Cluster Management

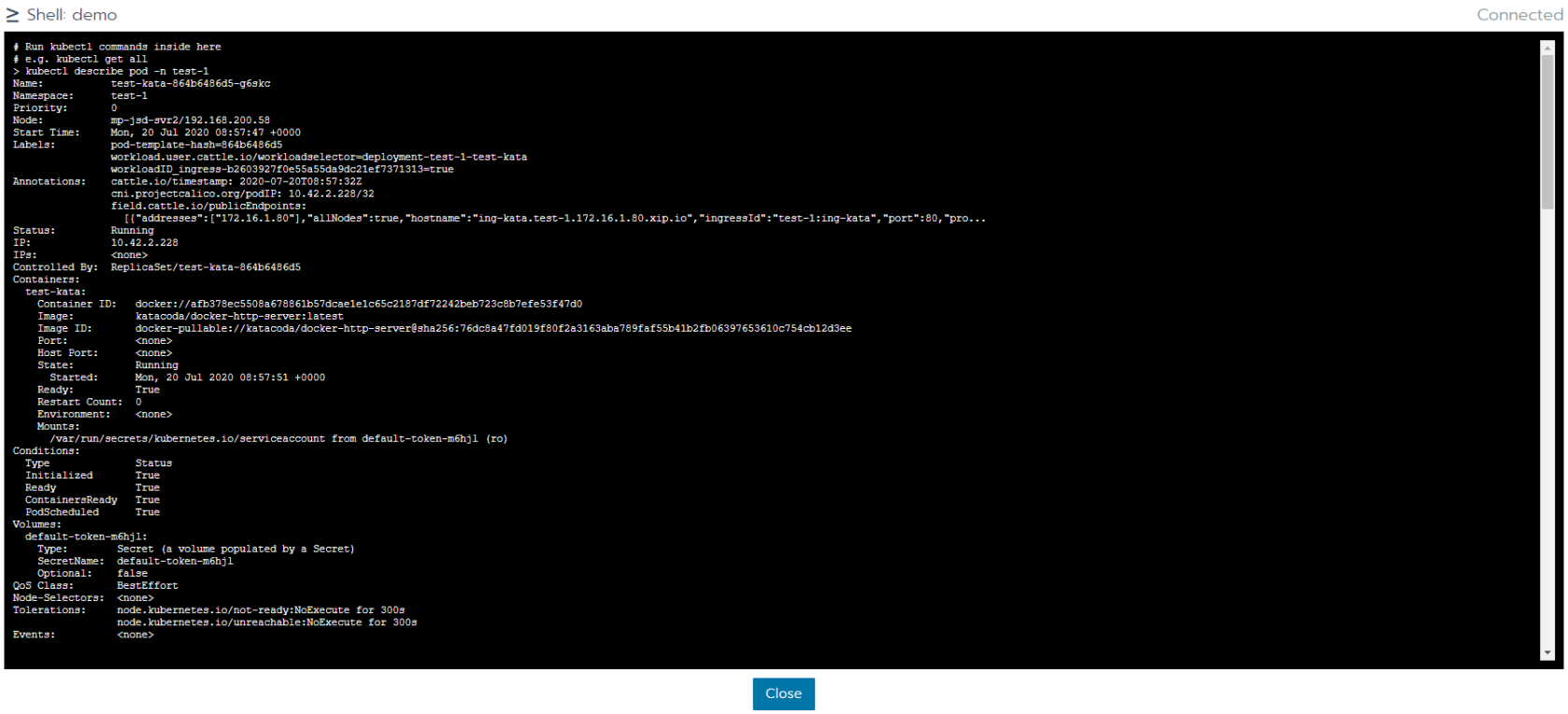


Cluster Management

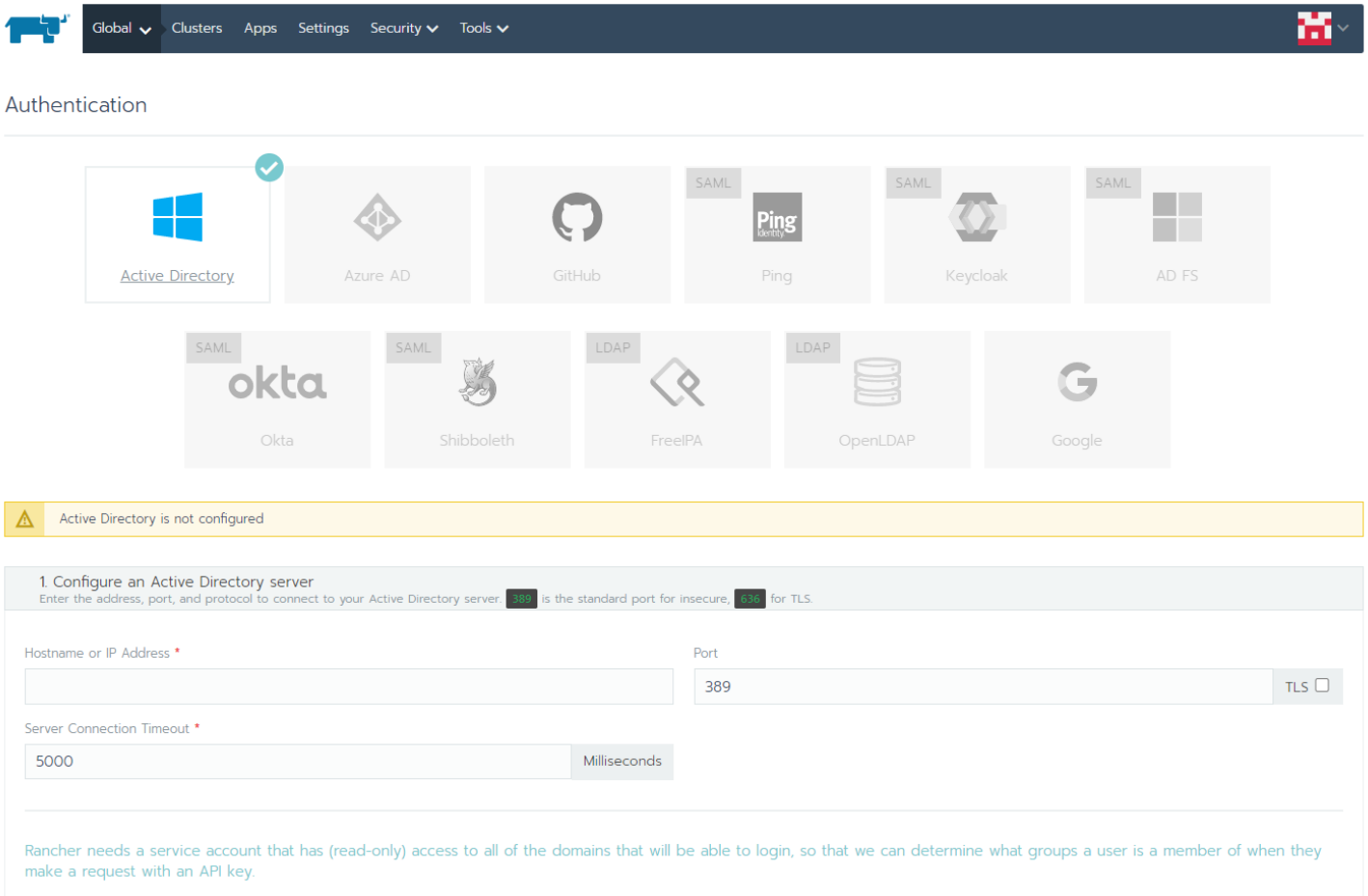


Cluster Management

- UI 開啟 kubectl Shell 訪問和管理叢集

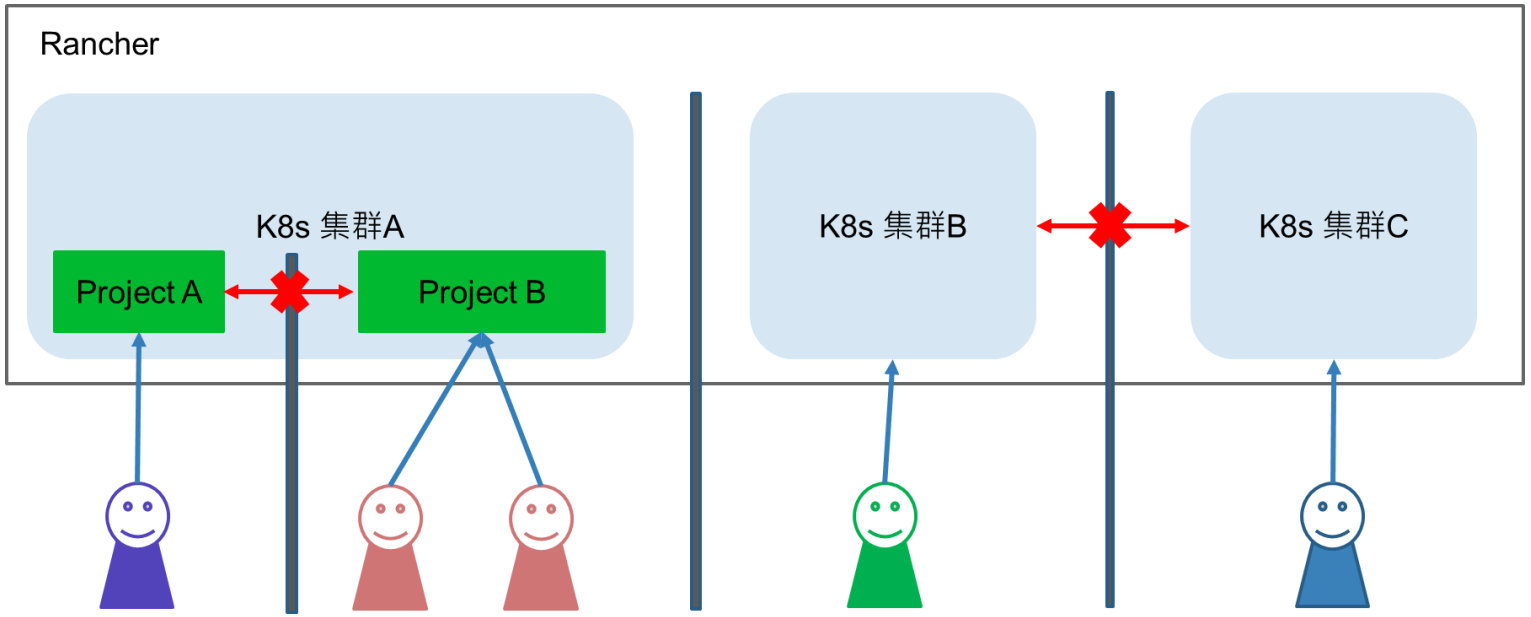


Authentication



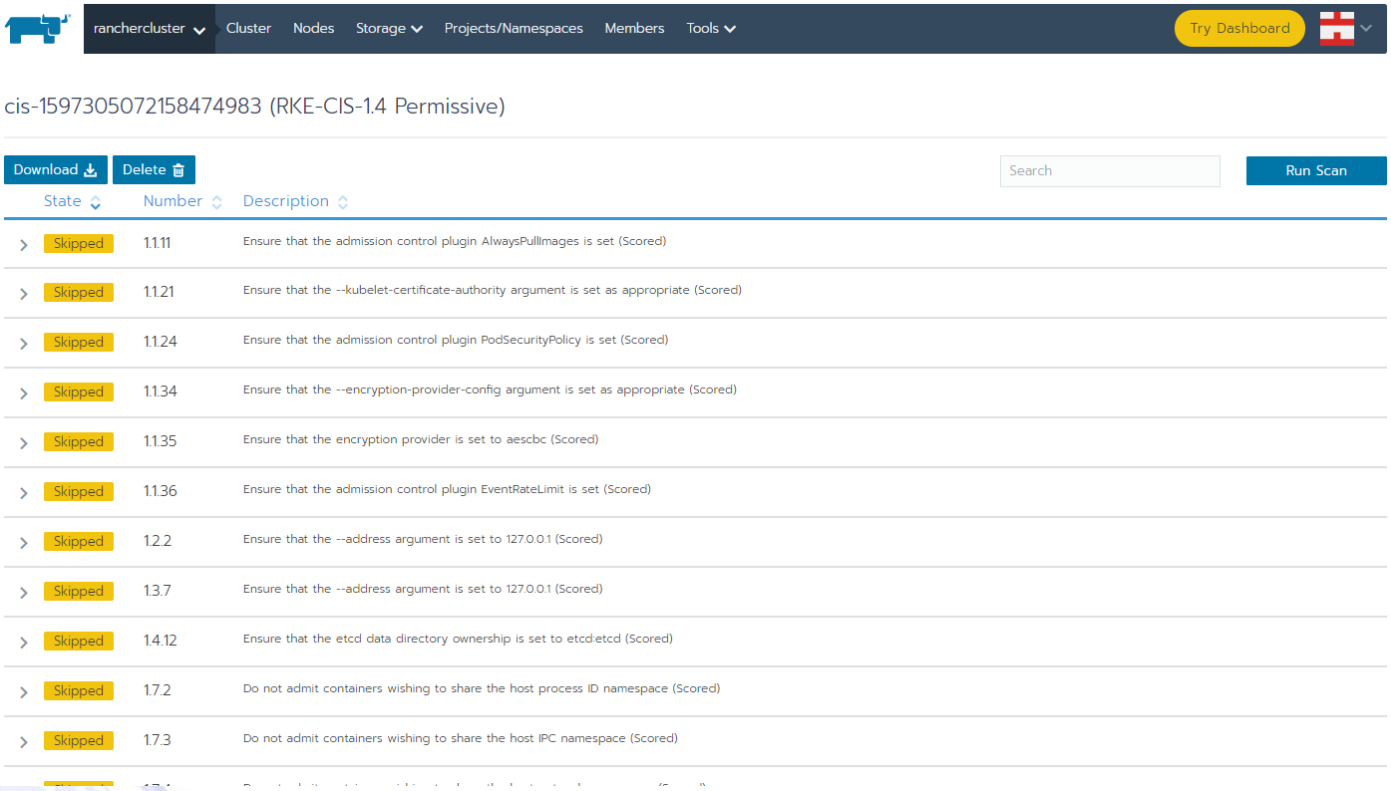
Role Based Access Control

- Global / Cluster / Project 多層級的使用者角色定義



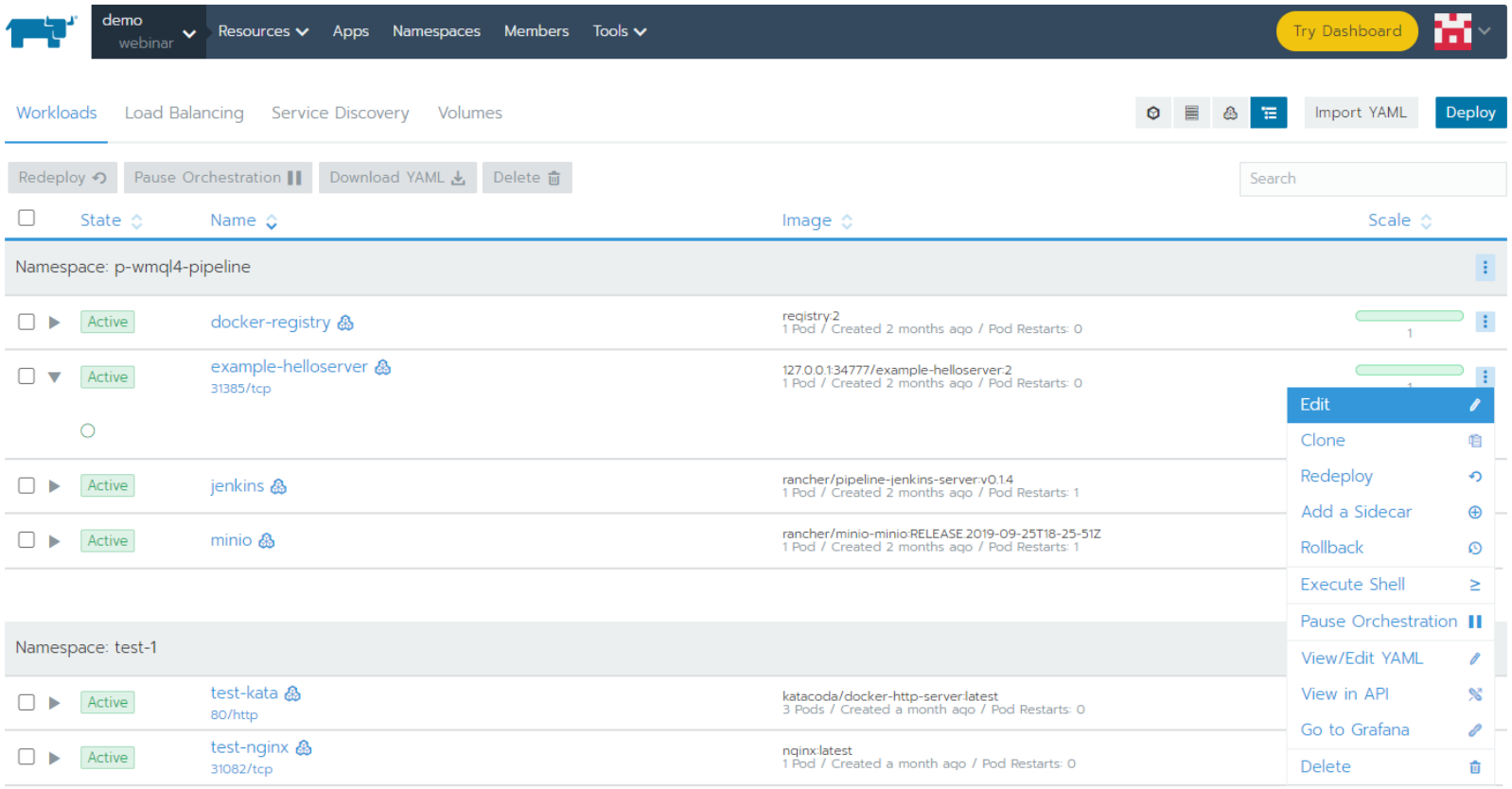
CIS Scans

- 檢查 Cluster 是否符合 CIS (Center for Internet Security) Kubernetes Benchmark 安全標準



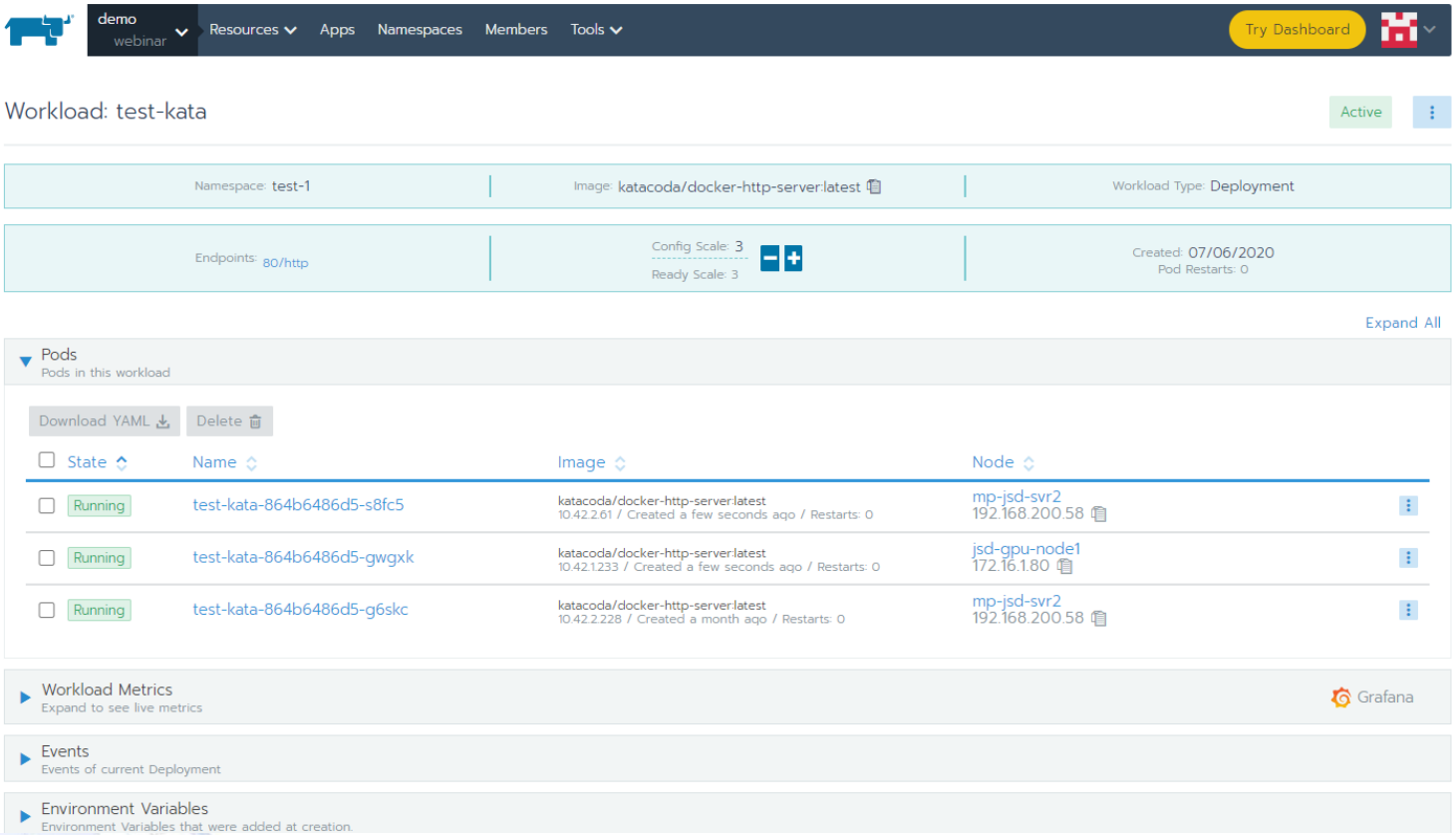
Workload

- 通過 UI 進行容器應用的部署並進行操作



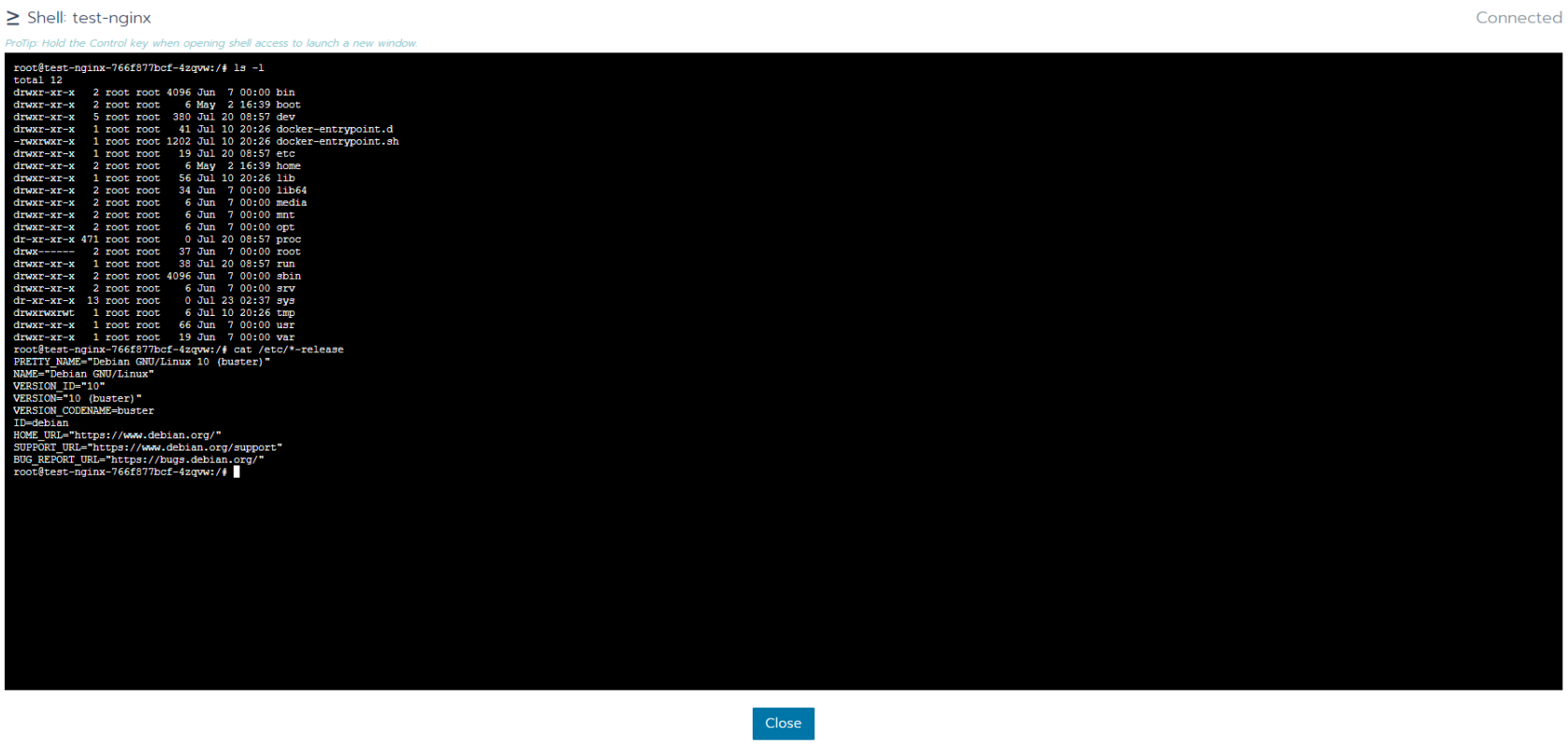
Workload

- 便捷的察看容器訊息與狀態，包括IP位址、鏡像、節點等訊息



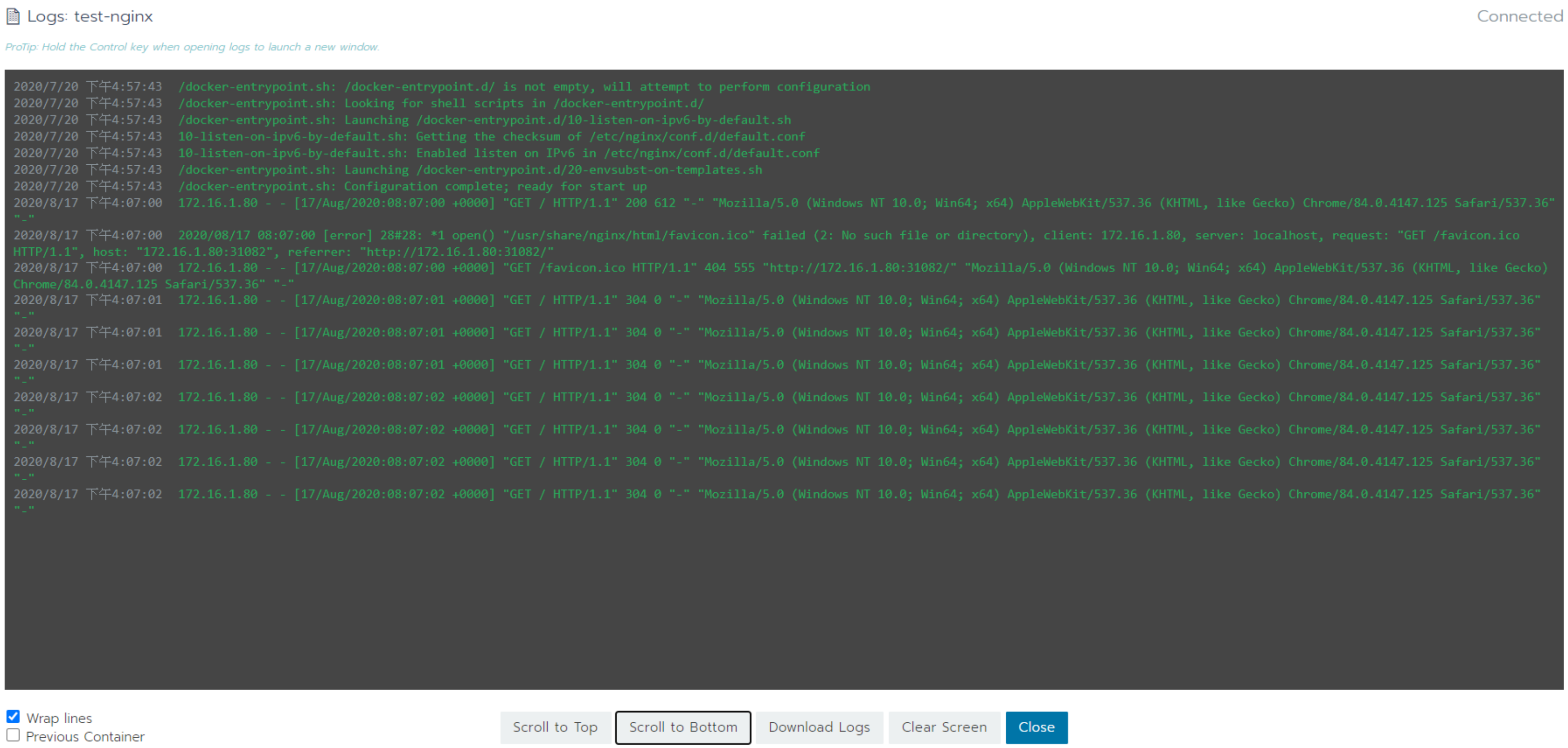
Workload

- 直接訪問容器 Shell ，方便後端人員直接對容器進行相關操作



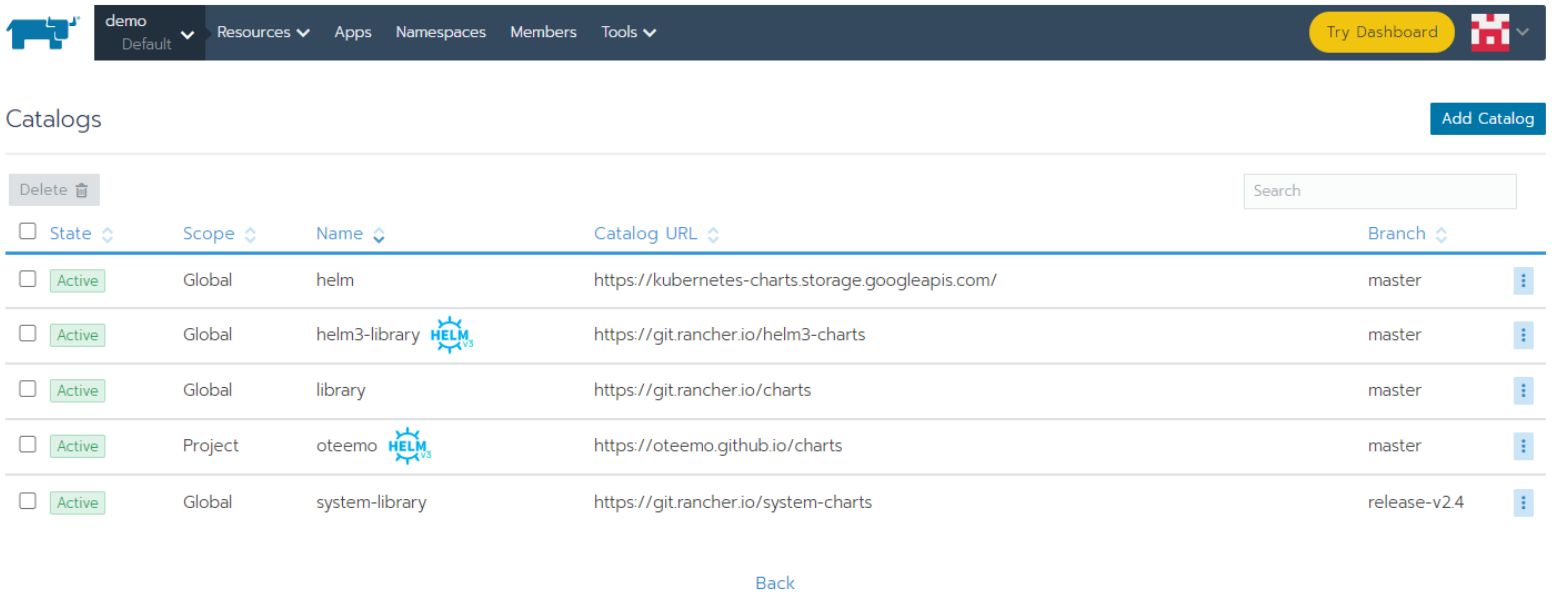
Workload

- 即時查看應用服務系統日誌

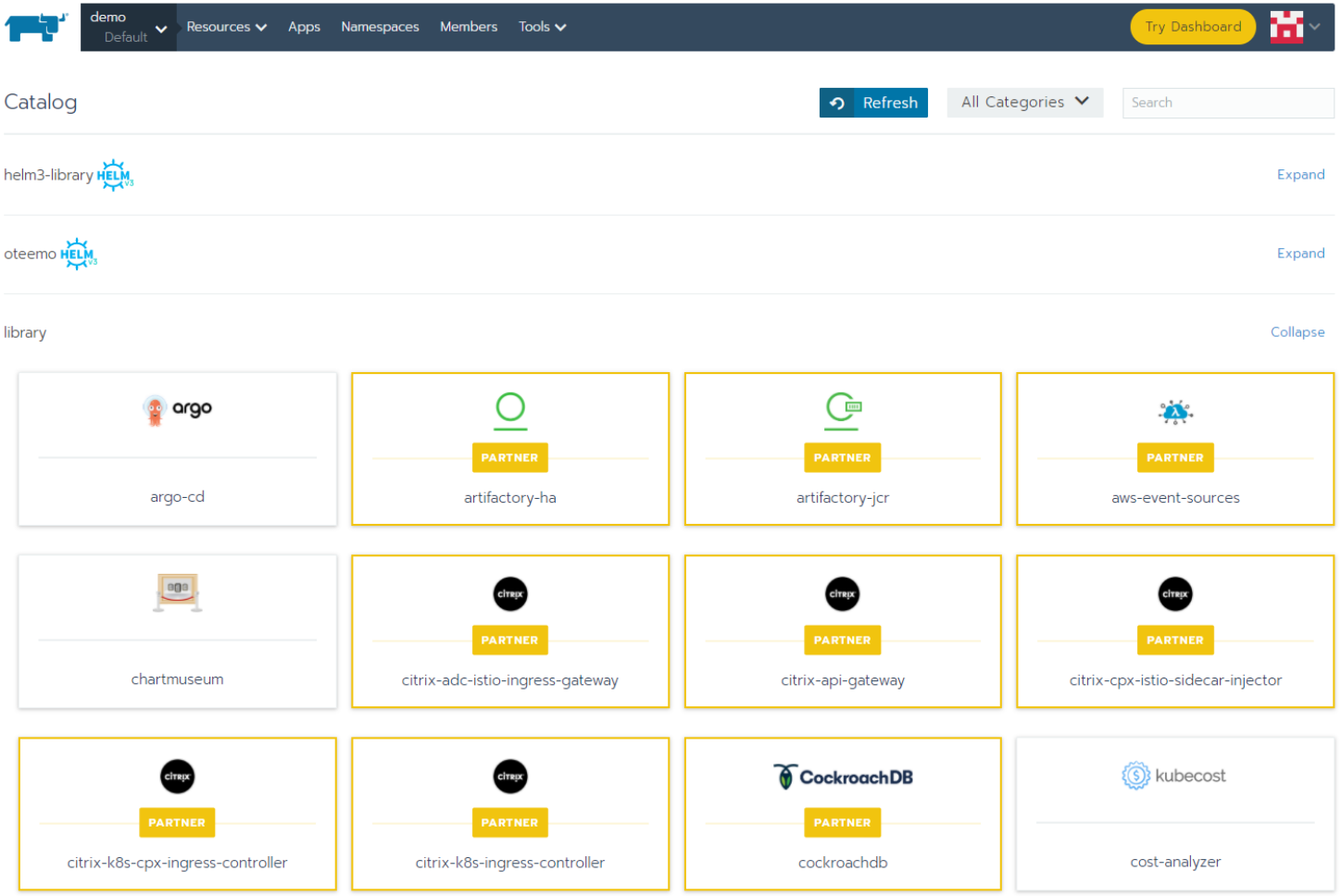


Catalog Apps

- 容器應用的樣板化和快速佈署
- 提供 Kubernetes 和 Rancher 官方的應用商店
- 可自定義應用商店位址

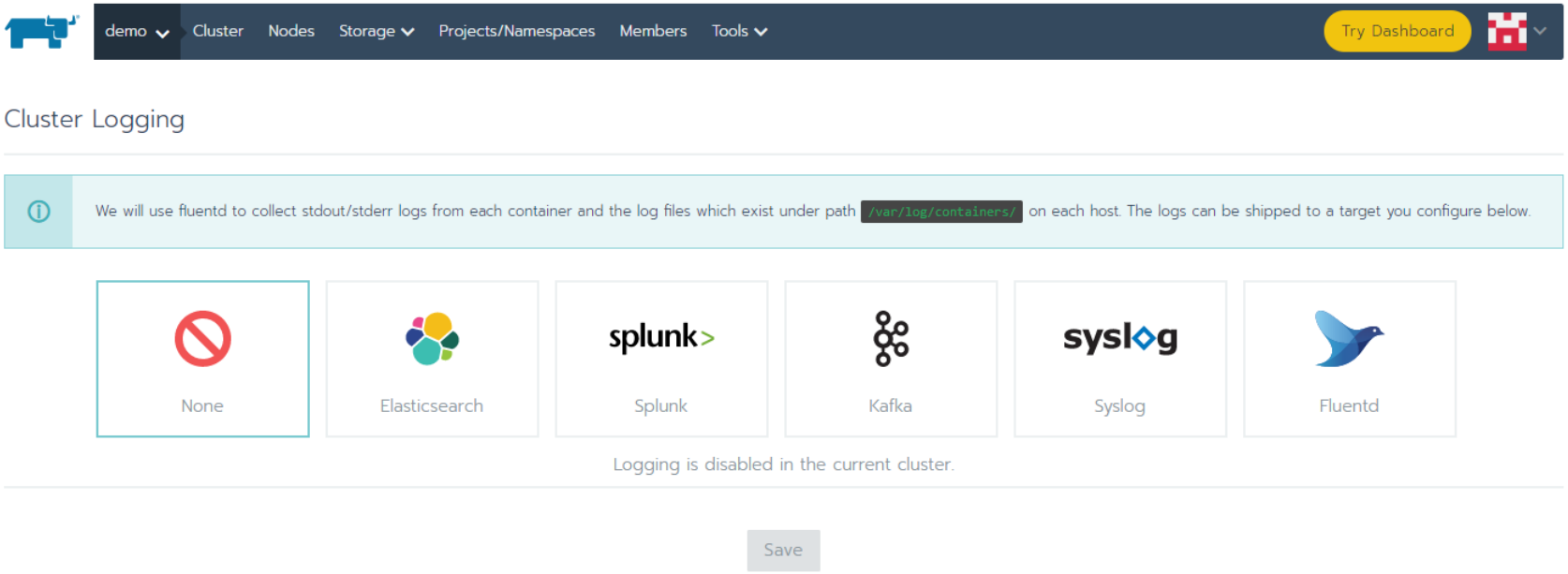


Catalog Apps



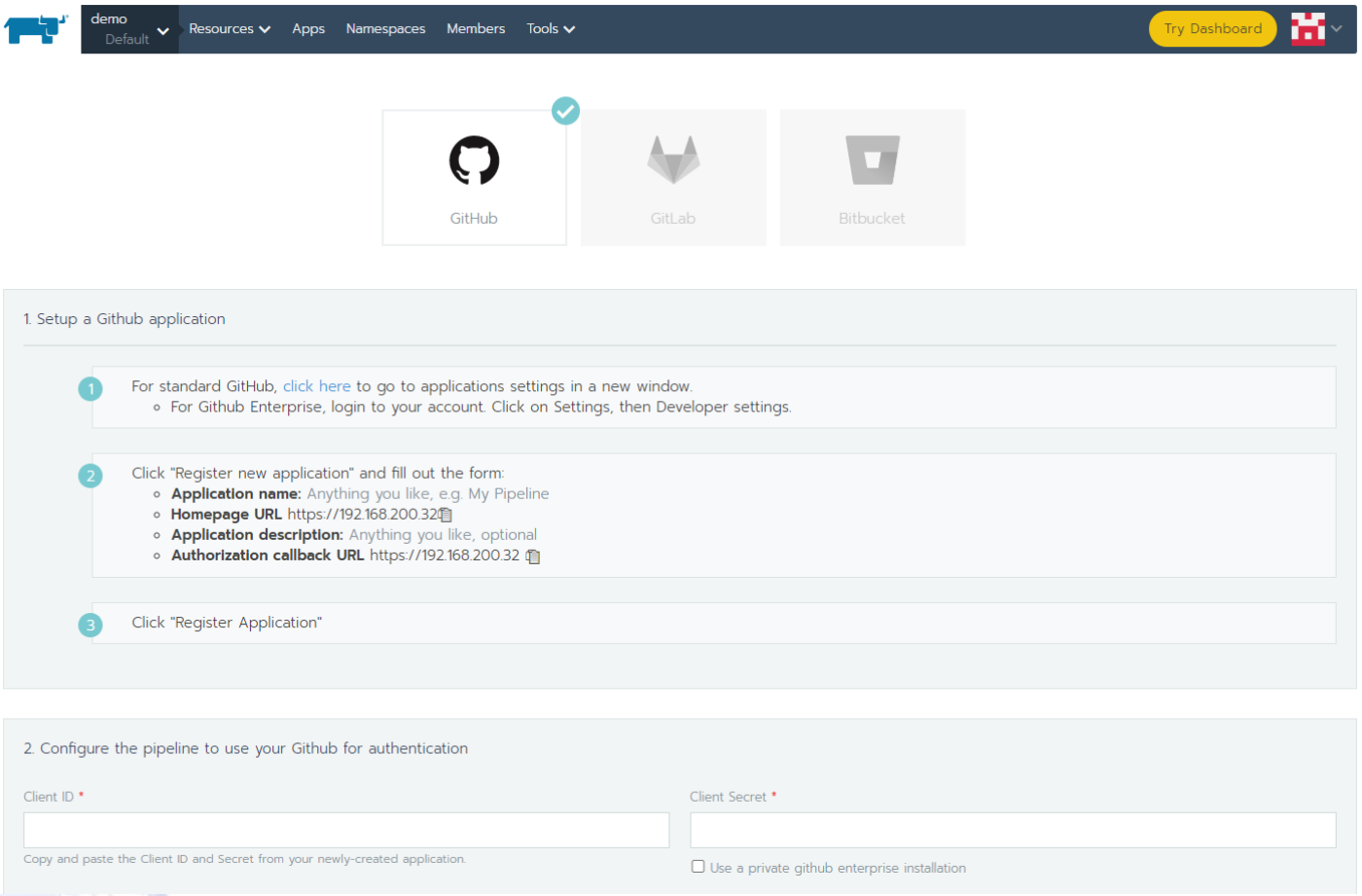
Logging

- 整合常見的日誌分析工具



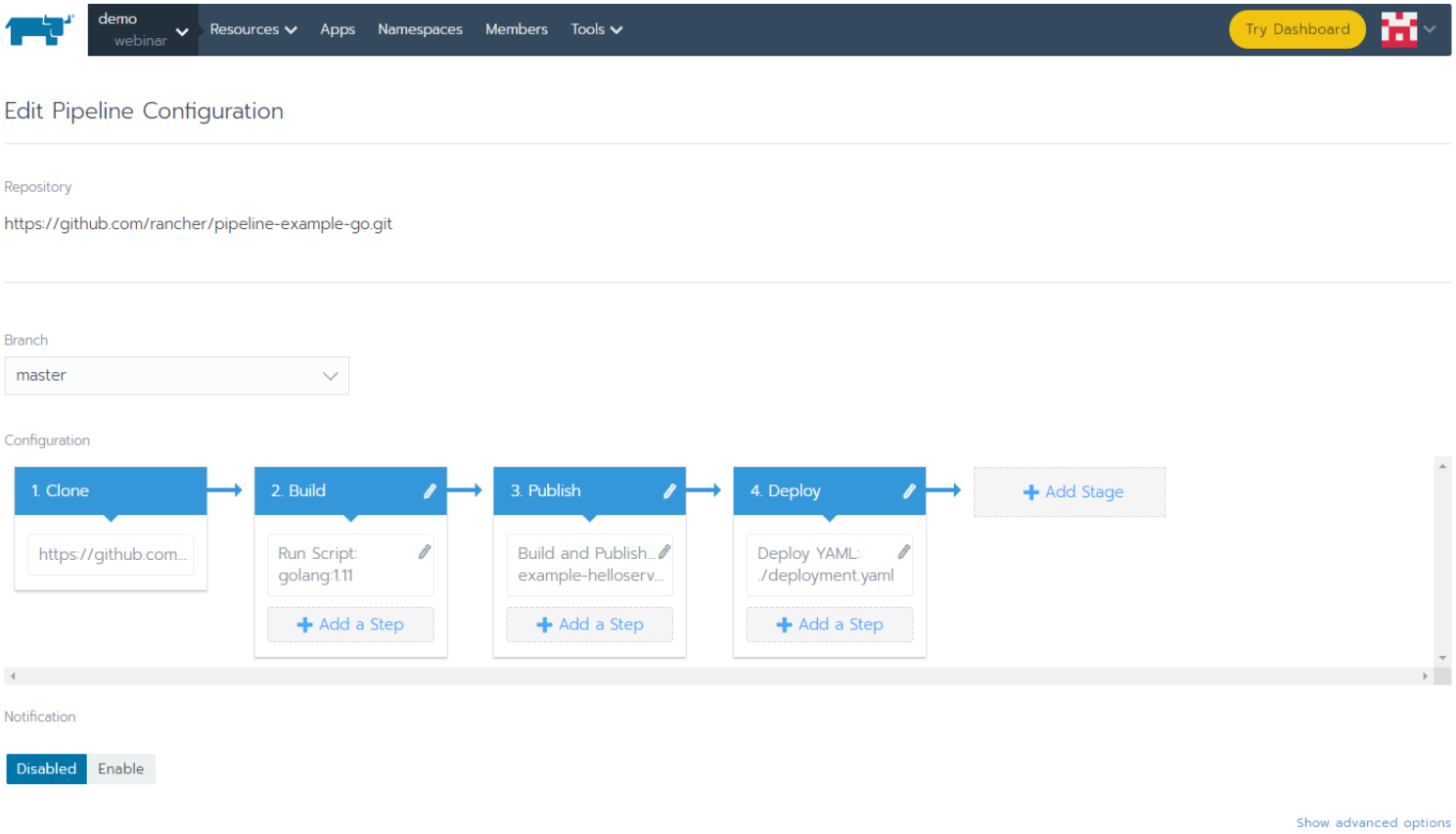
Pipeline

- 支援主流 source code repo



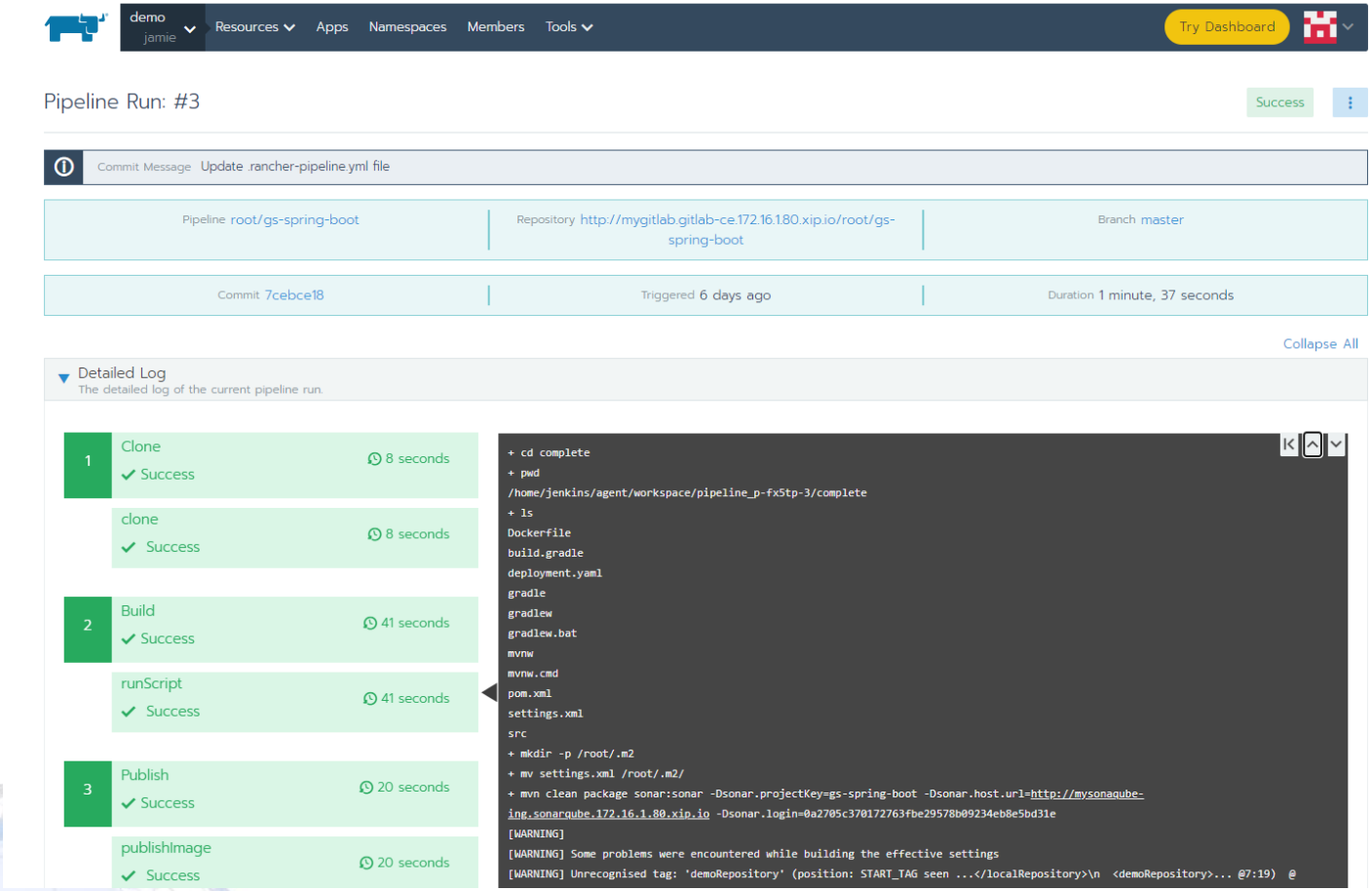
Pipeline

- 編輯作業流程



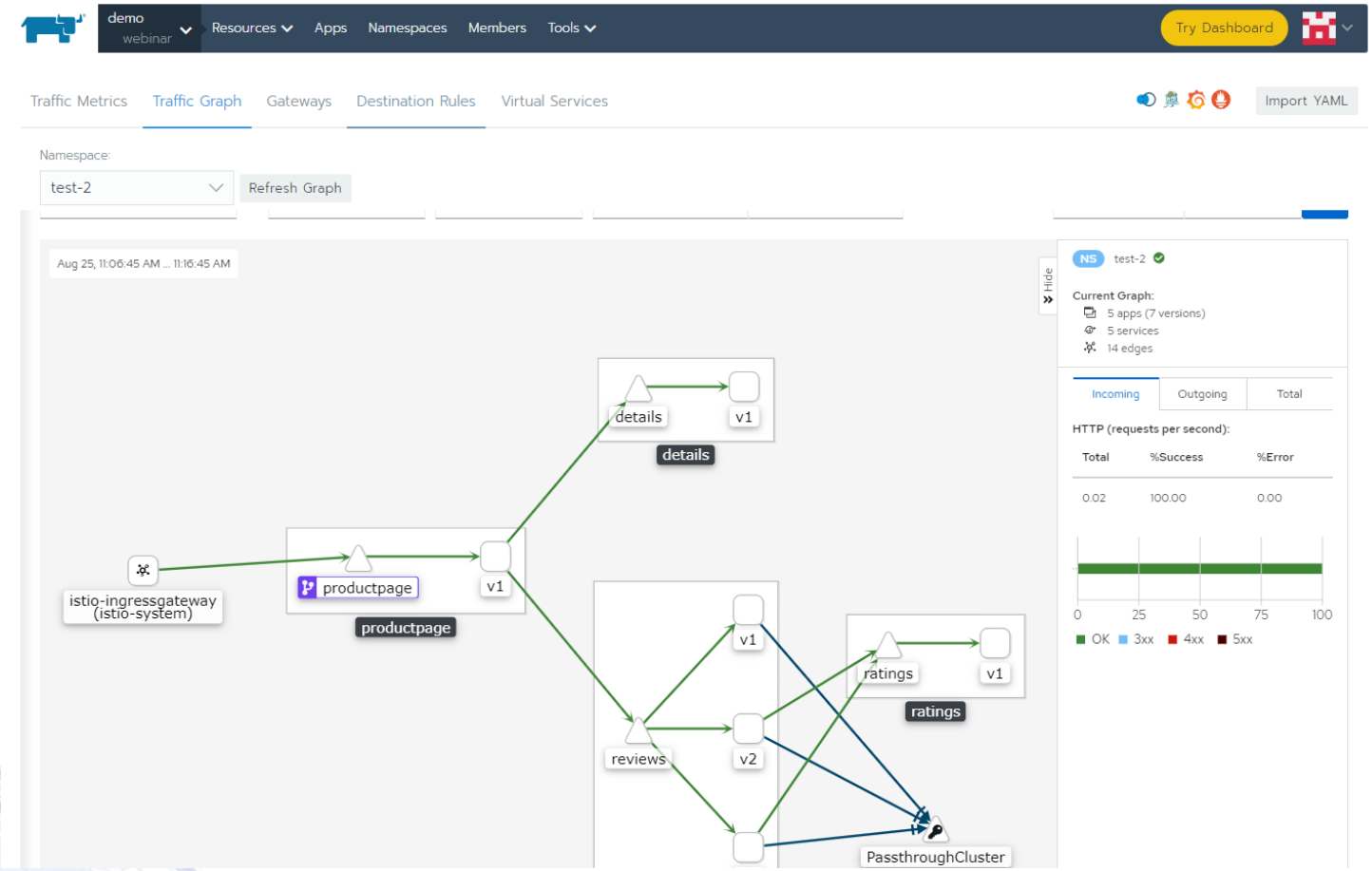
Pipeline

- 即時檢視作業日誌



Service Mesh

- 整合 Istio



DEMO

Thank You

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References :
https://rancher.com/
https://rancher.com/docs/rancher/v2.x/en/