第 **5** 节
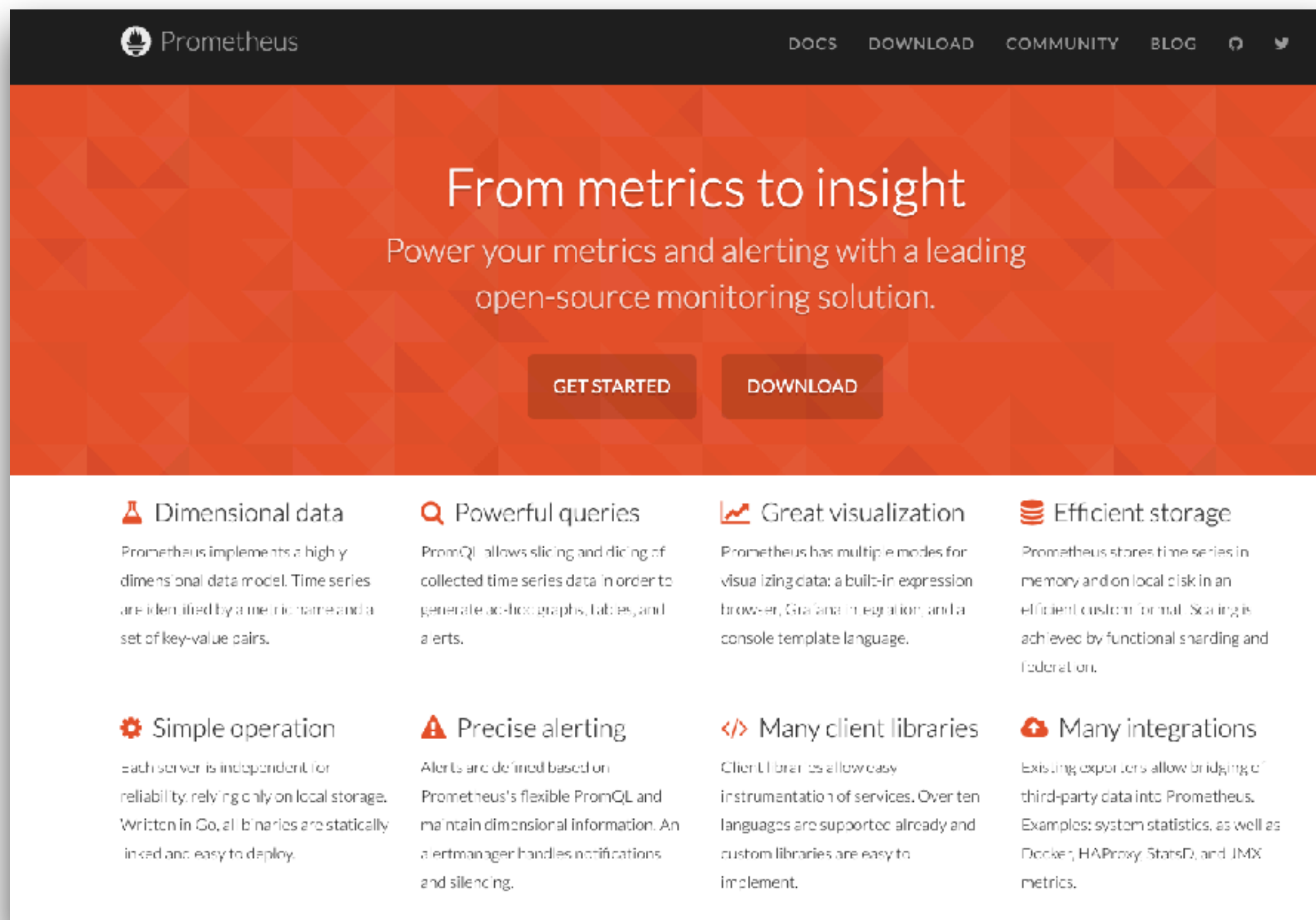
Prometheus度量指标监控平台搭建

本课内容

- Prometheus监控相关工具和概念

- 在本地Minikube中安装Promethues Operator

什么是Prometheus

prometheus.io

Prometheus架构
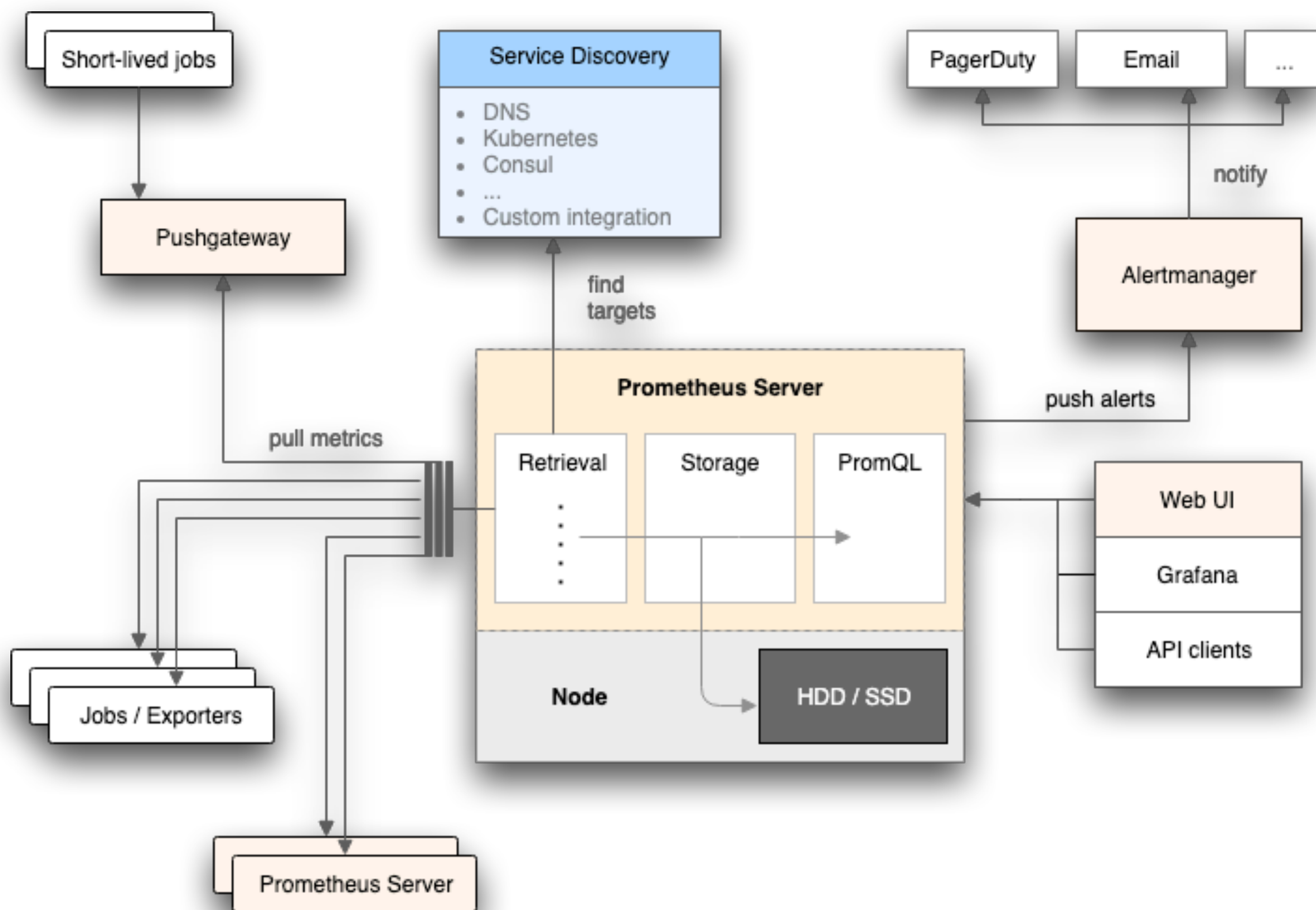
Alertmanager

路由转发(Routing)

去重(Deduplicating)

分组(Grouping)

抑制(Inhibition)

静默(Silience)

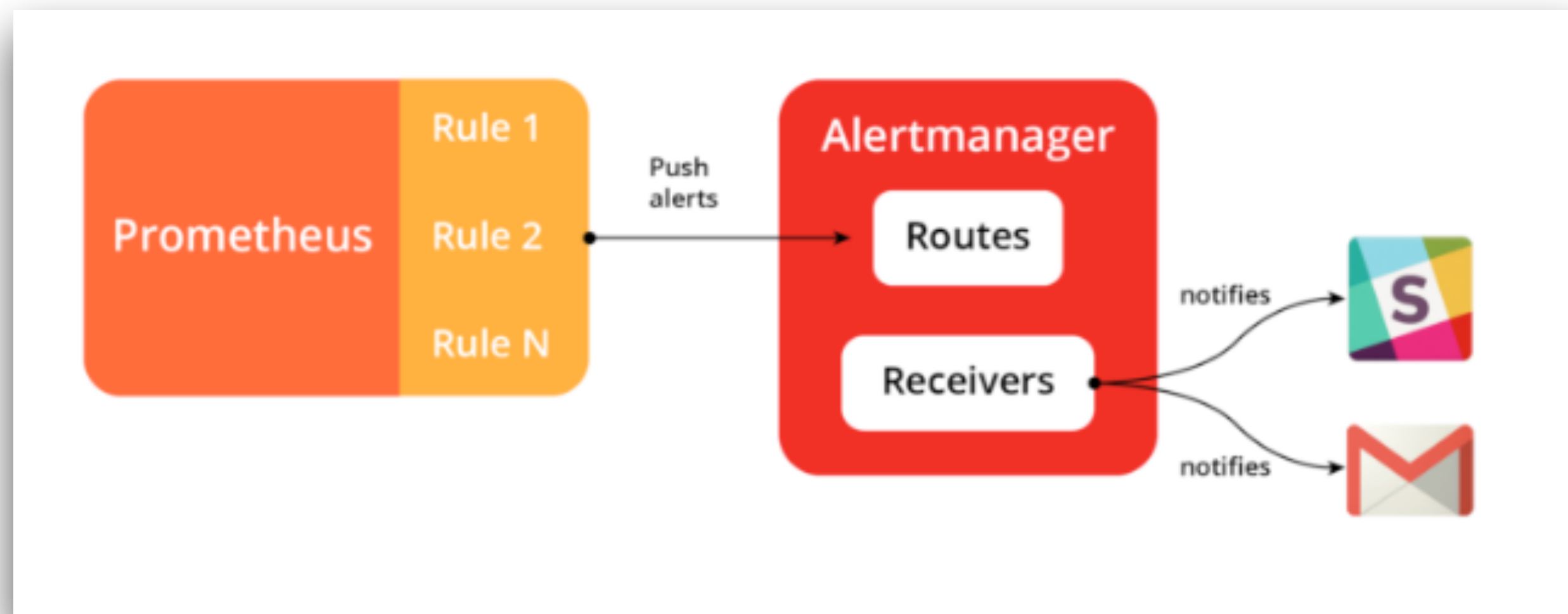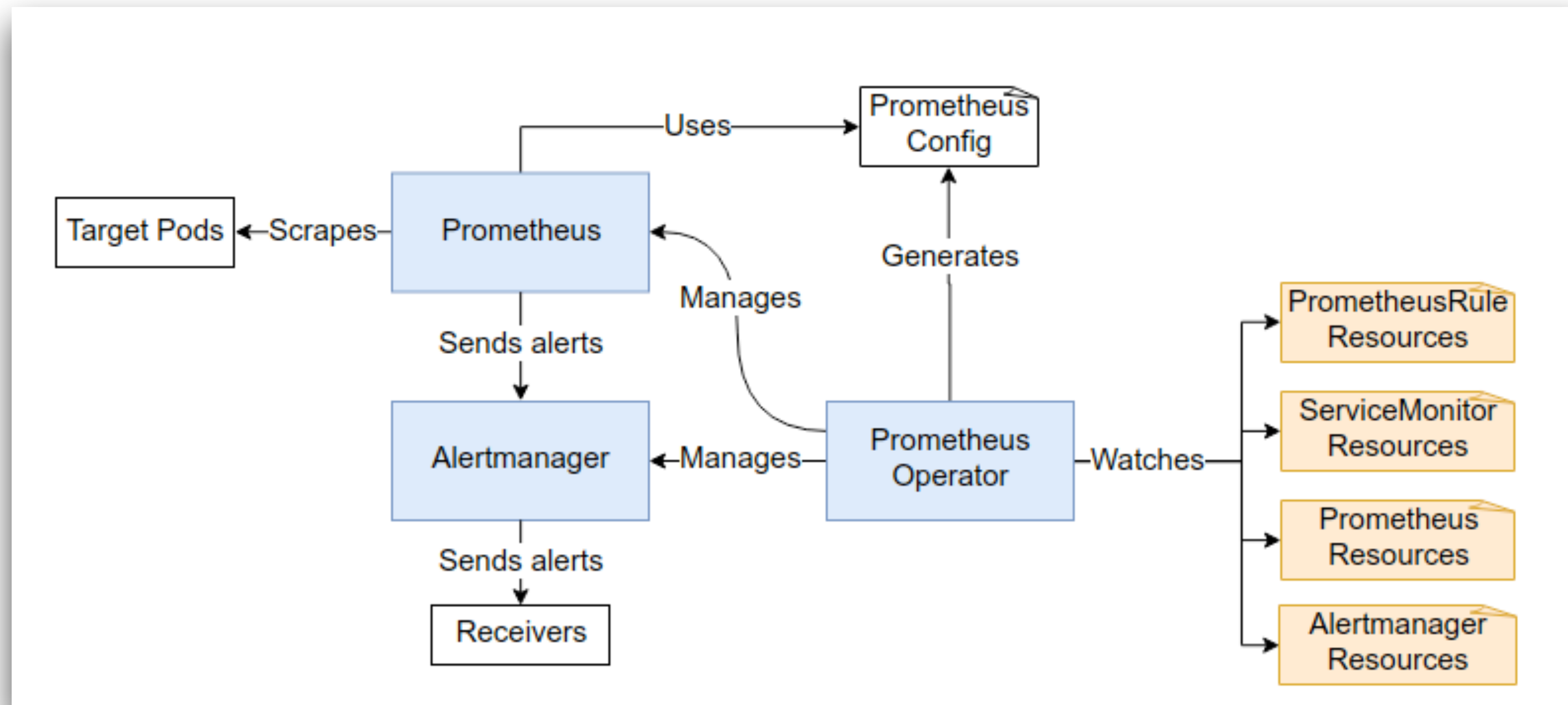# Prometheus Operator
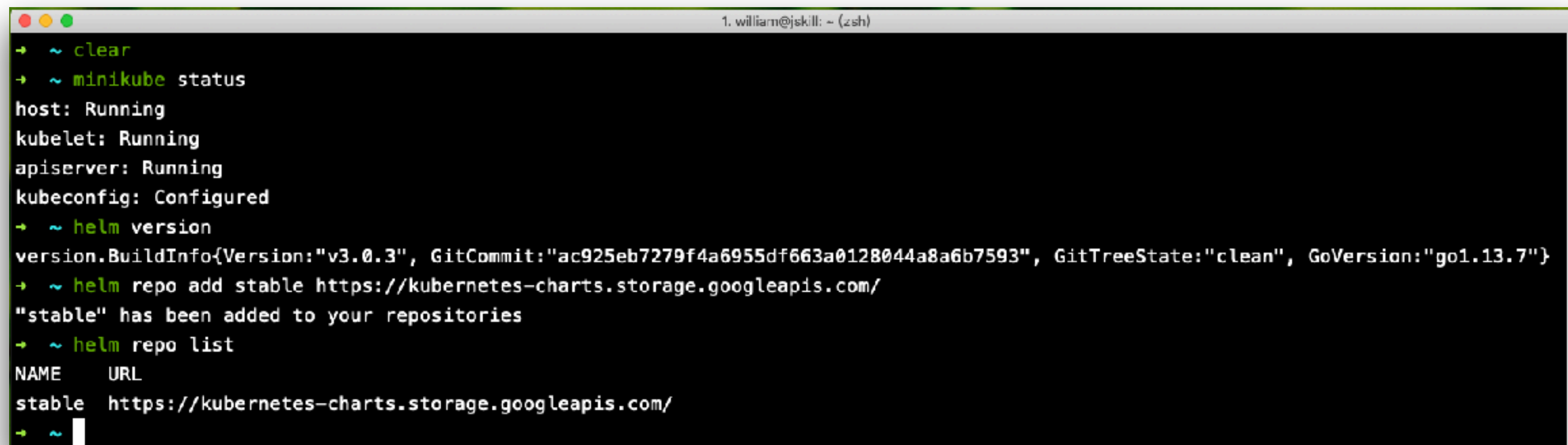
先决条件

- 安装minikube + kubectl

- 安装helm

  https://github.com/helm/charts/tree/master/stable/prometheus-operator

  https://helm.sh/docs/intro/install/

  https://helm.sh/docs/intro/quickstart/

helm search

安装stable/promethues-operator

本课小结

- Prometheus监控工具和概念

  - Promethues ~ 时间序列监控工具，拉取/存储/查询QL

  - Alertmanager ~ 告警消息的路由转发

  - Prometheus-Operator ~ 针对k8s的prometheus封装包，简化部署和配置

- 在本地Minikube中安装Promethues Operator

  - helm ~ k8s包管理工具

  - chart - k8s资源安装包

  - repository ~ chart仓库

  - release ~ 一个chart在k8s中的一个部署实例

  - stable/promethues-operator