



Creating Infinite
Possibilities.

Solving Automation and Orchestration for Large-Scale Hybrid Cloud Environments

Matthew Morrissey

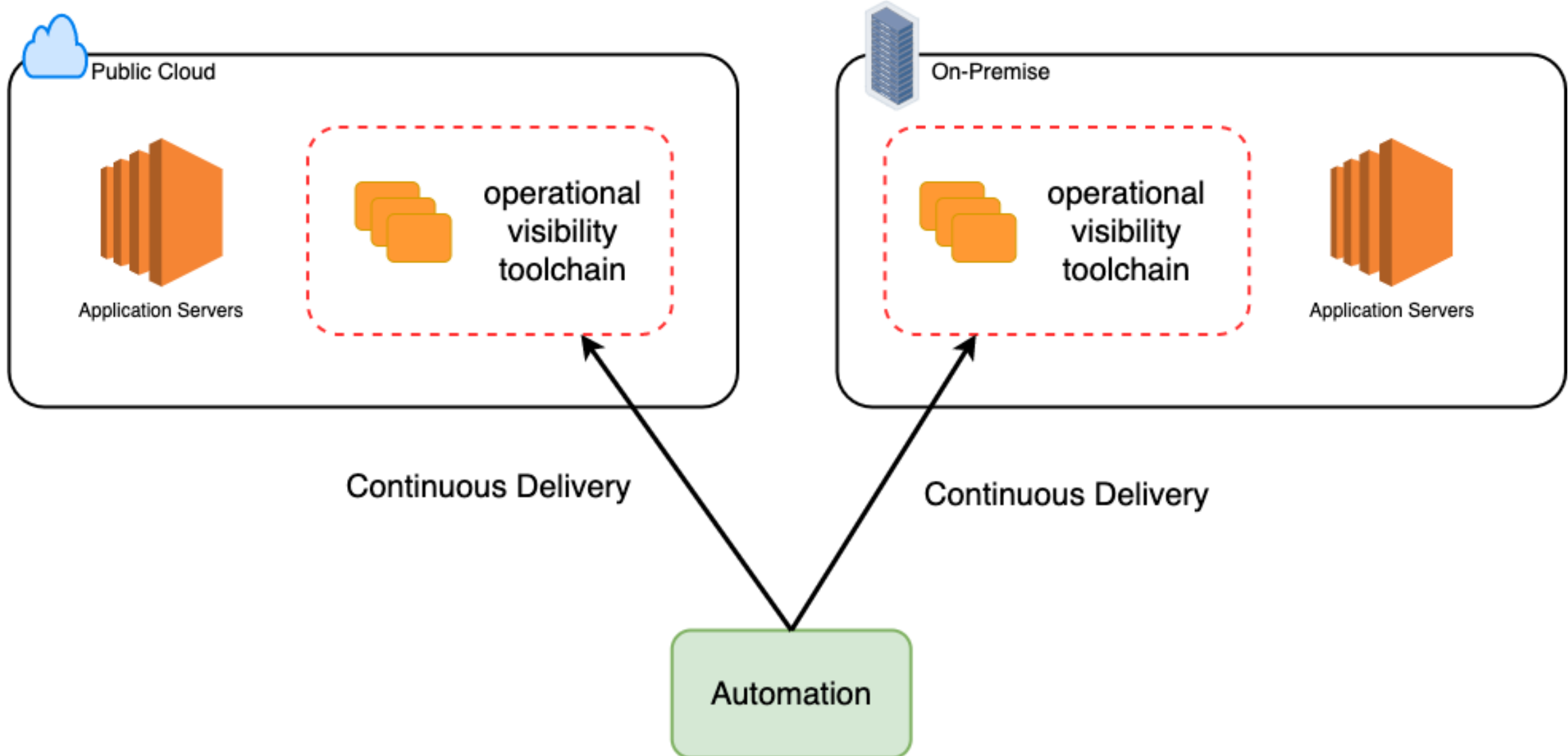
Principal Engineer
Comcast Cable

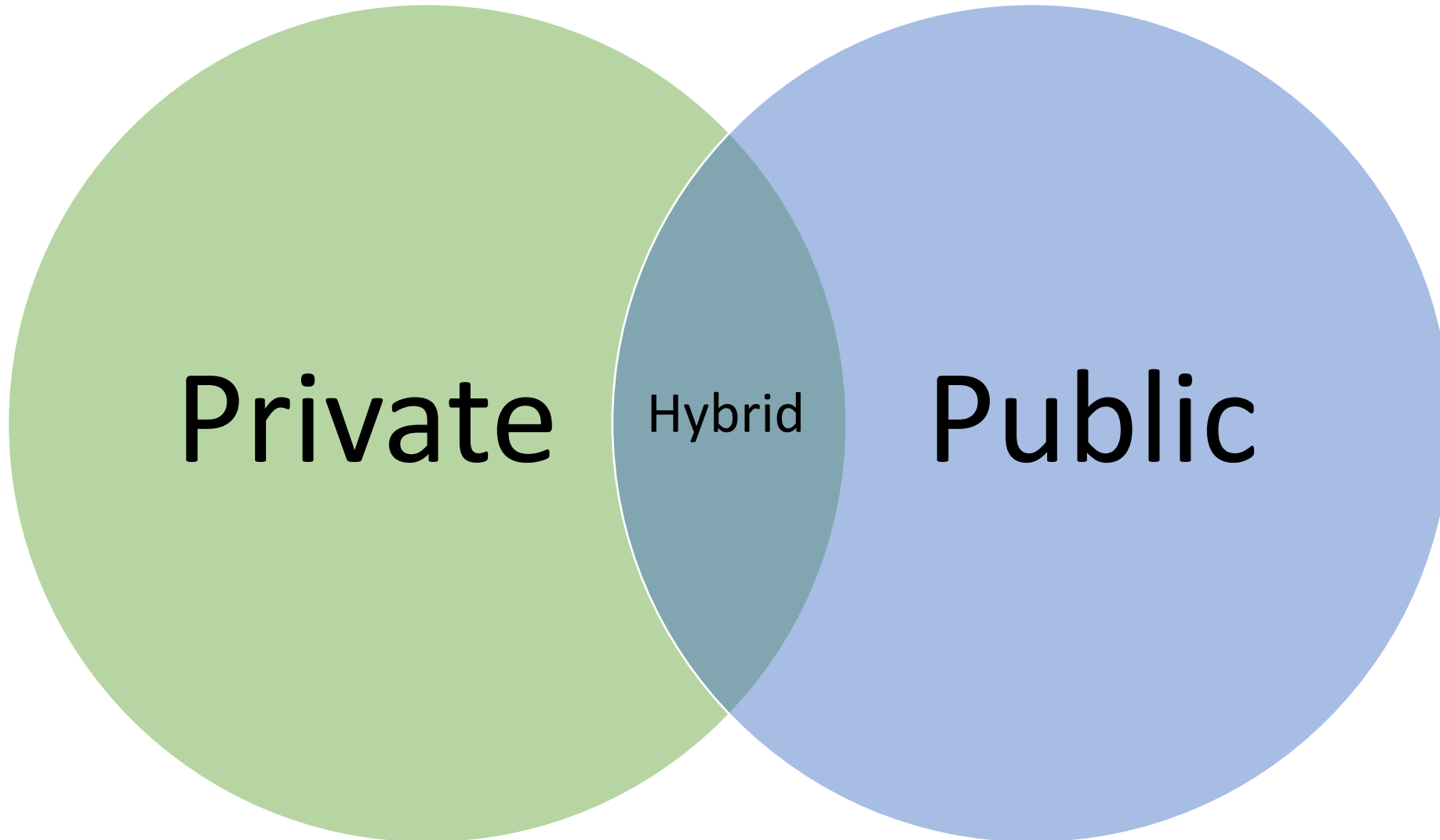
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Background

- Expanding to public cloud
- Emphasis on reducing log volume
- Reducing developer choice
- Ease onboarding to observability tooling

Heterogeneous Environments





Keep it simple



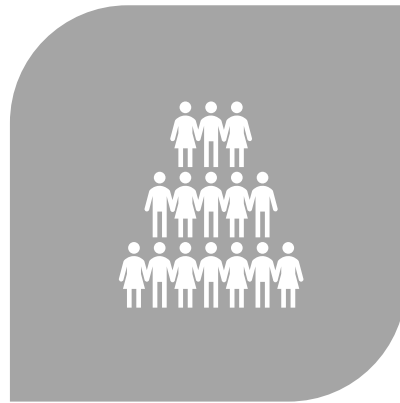
Photo by [Brett Jordan](#) on [Unsplash](#)

Time Series Metrics

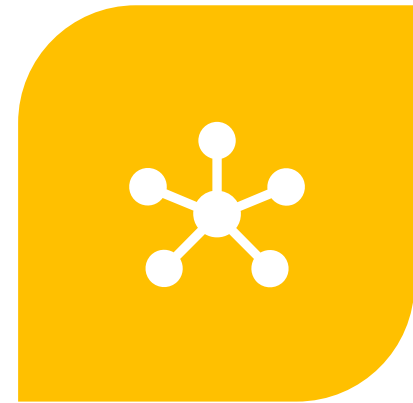




STANDARDIZED TOOLSET
OVER CLOUD NATIVE

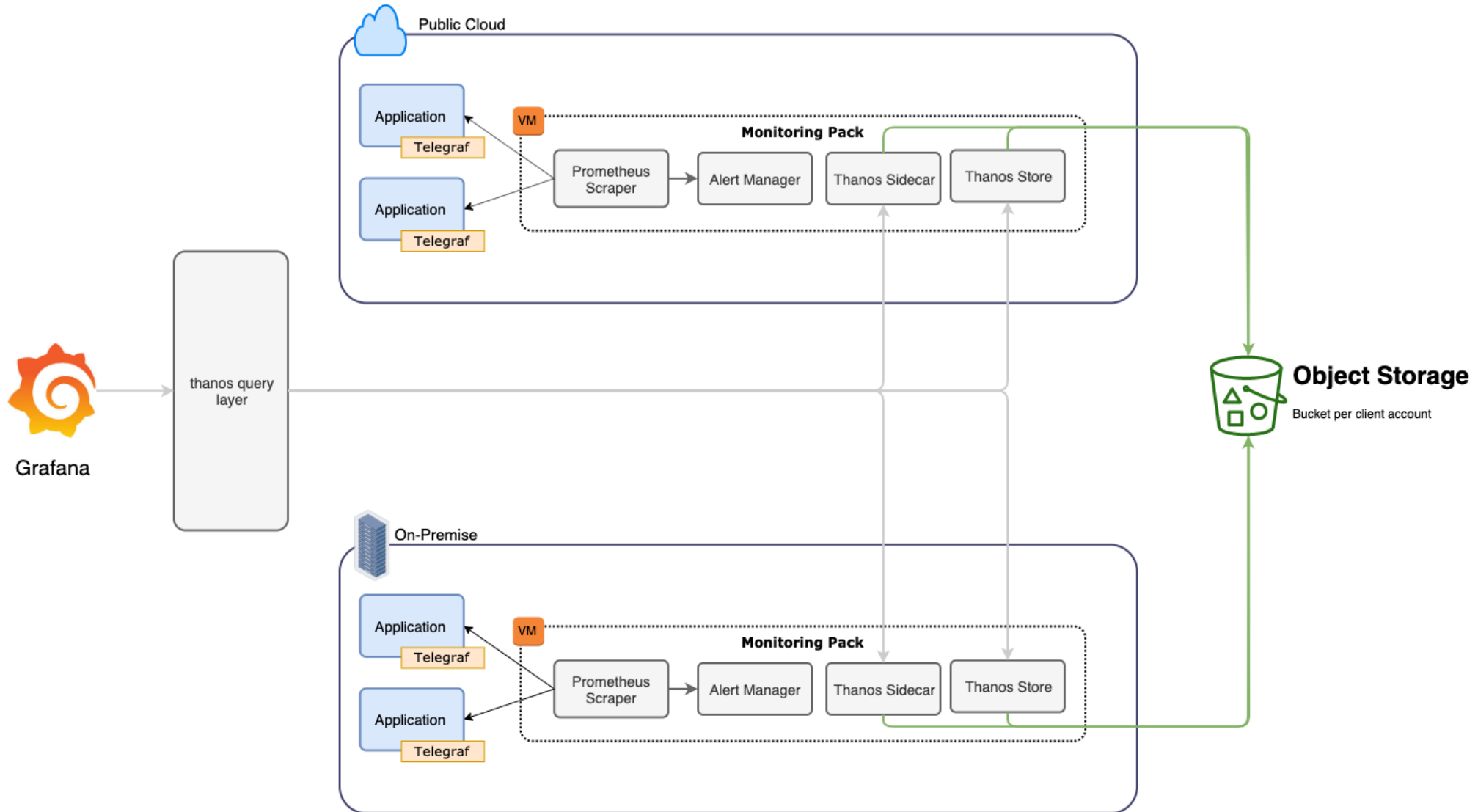


CHOOSING OPEN-
SOURCE



CENTRALIZED VERSUS
DISTRIBUTED

Centralized Query Interface



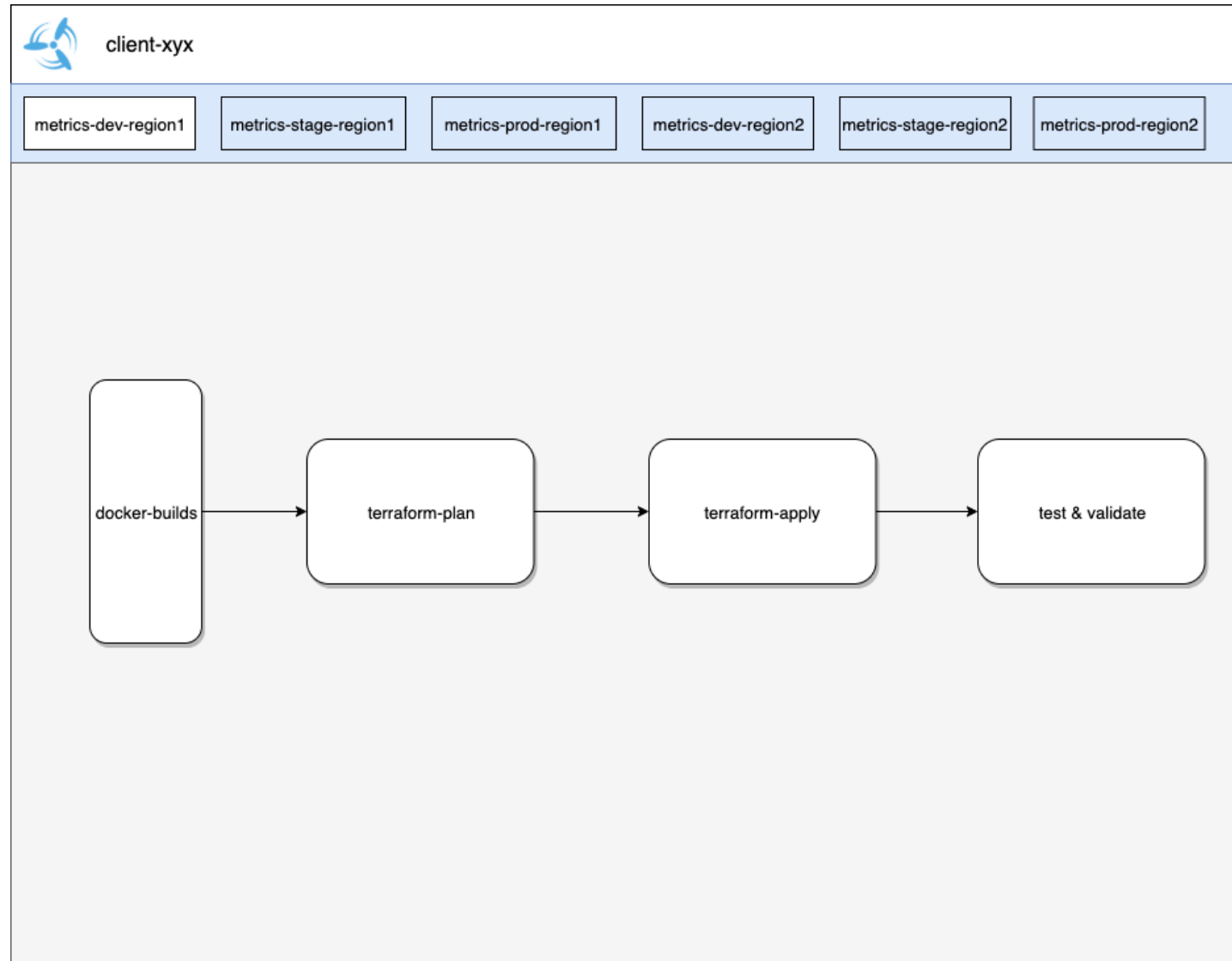
Terraform
Modules

Container
Images

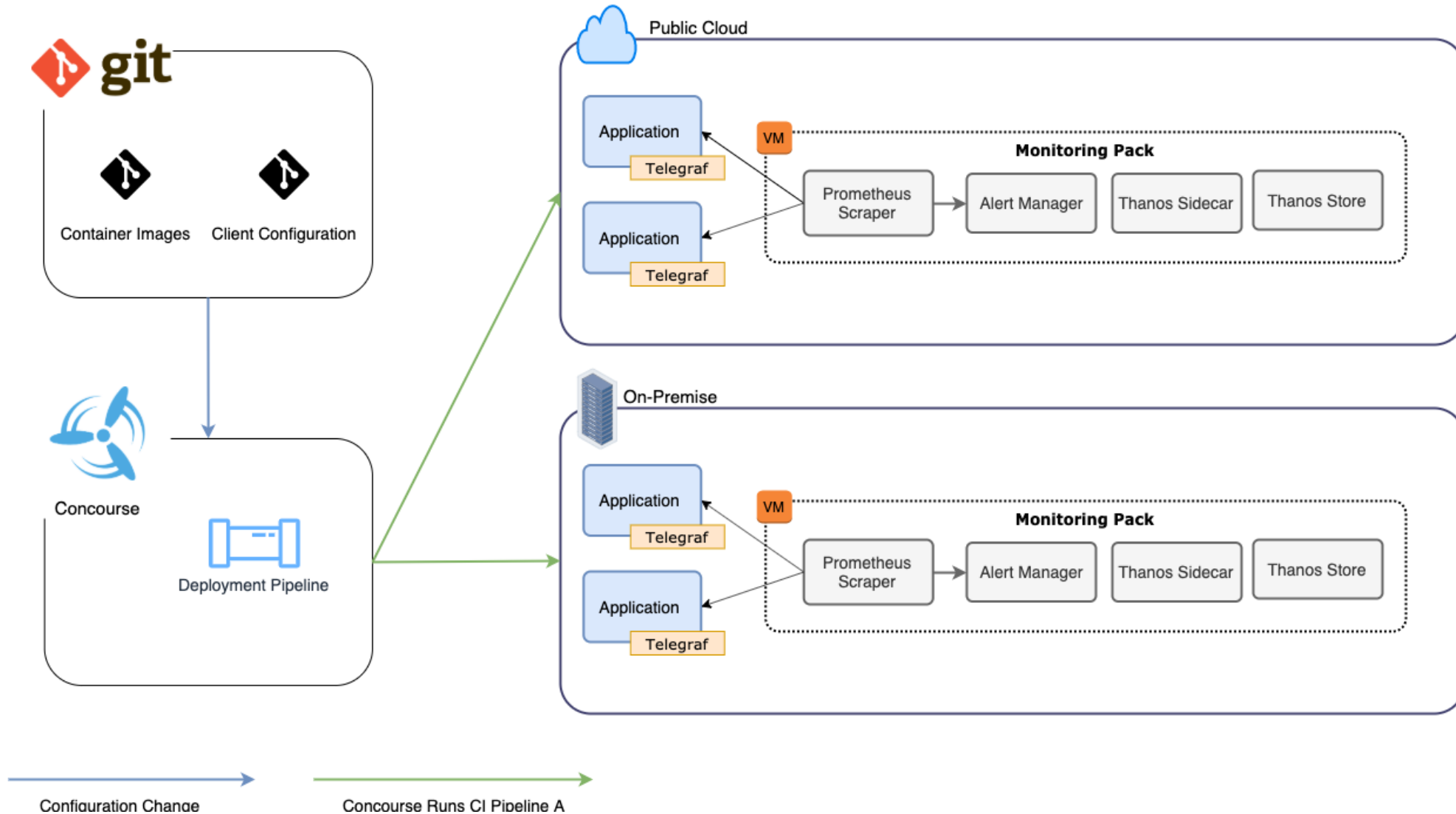
Image Builds

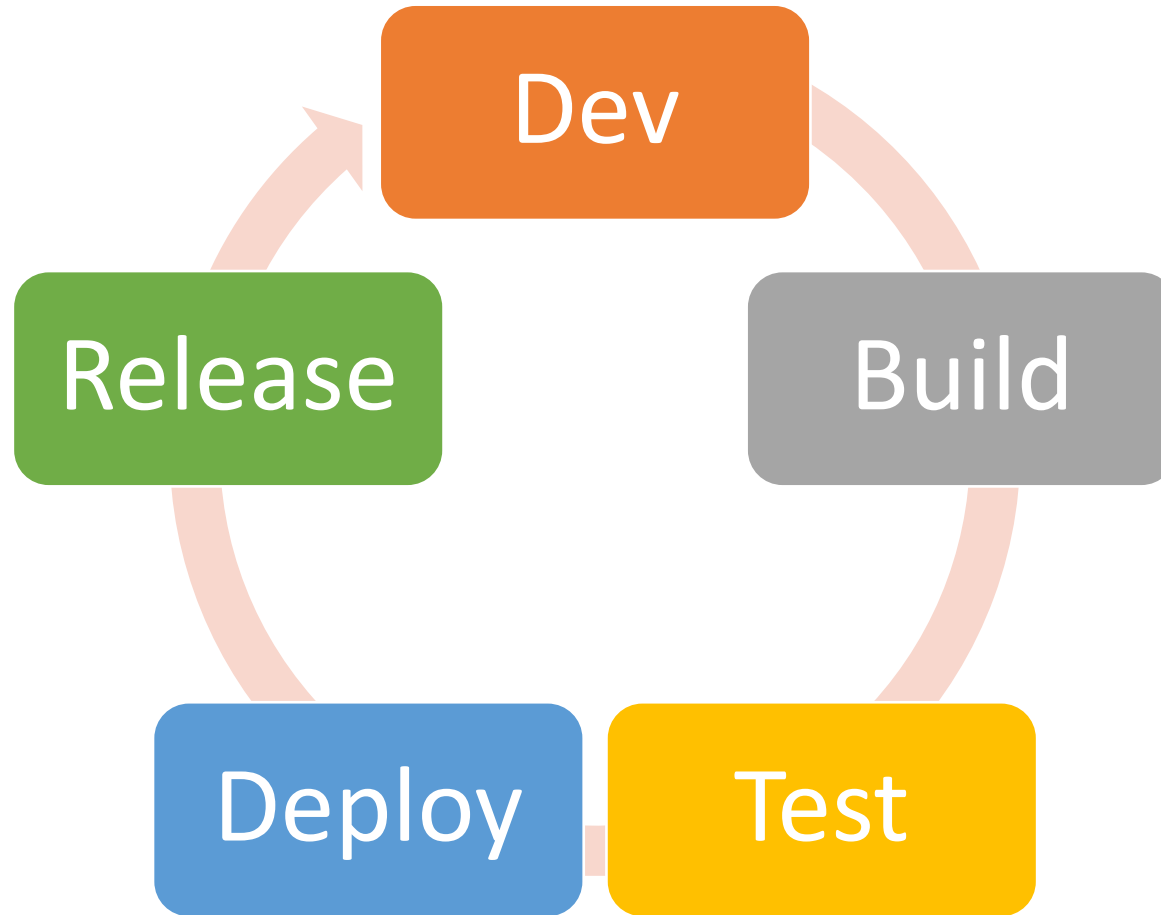
Client
Configuration

Client
Onboarding



Deployment Orchestration





Client Inputs

- Region
- Cloud Platform Details
- Environment sizing
- ...



```
---  
jobs:  
- name: deploy-infra  
  plan:  
  - task: deploy-to-region-x  
    config:  
      platform: linux  
      image_resource:  
        type: registry-image  
        source: { repository: busybox }  
    run:  
      path: sh  
      args: ["deploy.sh"]
```



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Thank You!

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