kubefirst workshop

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fharper

Photo by Photo by Pixabay

kubefirst.io/slack

#islamabad-workshop

kubefirst.github.io/workshops

prerequisites

1. Docker Desktop
2. kubefirst CLI (brew install kubefirst/tools/kubefirst)
3. GitHub token set as environment variable *GITHUB_TOKEN*
4. Flappy-kray.yml at github.com/kubefirst/workshops/

https://docs.kubefirst.io/2.0/kubefirst/local/github/install#prerequisites

kubefirst delivers instant GitOps platforms so you can have the most popular open source tools working together in minutes on a new Kubernetes cluster.

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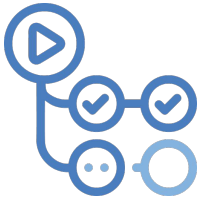
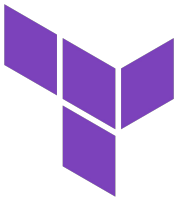
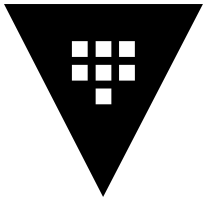
aws
civo
K3D

aws
civo
K3D

****



CERT
MANAGER

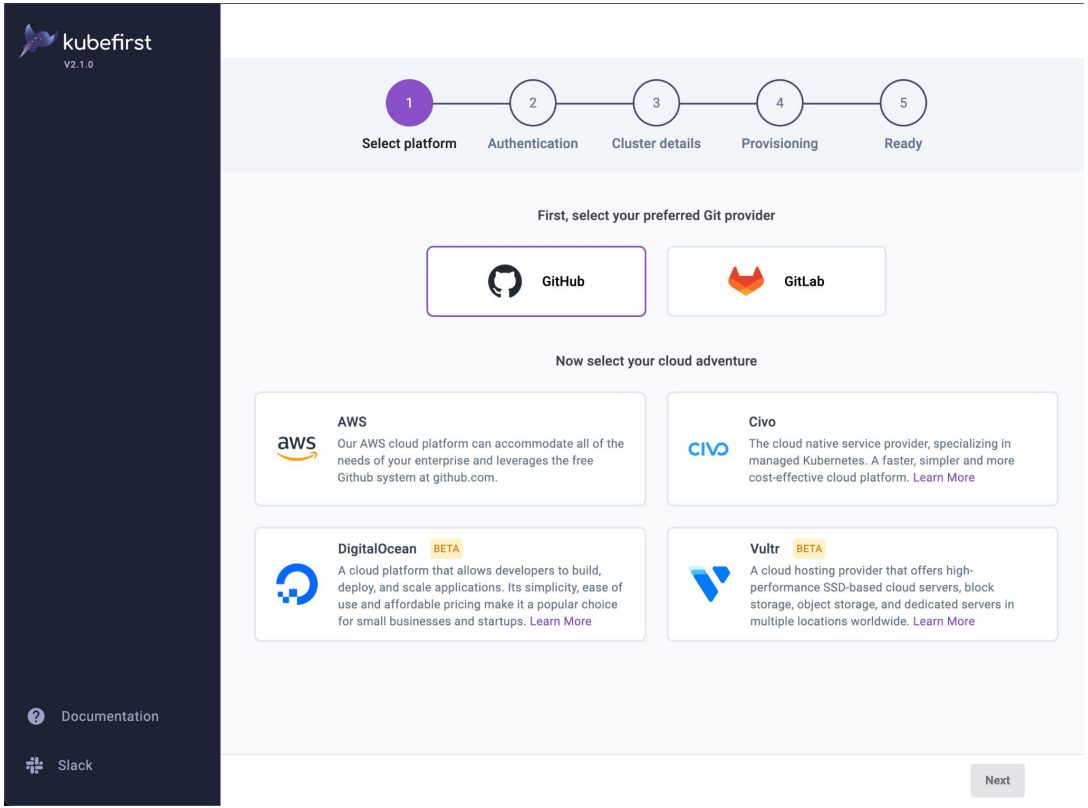
ngrok

MINIO

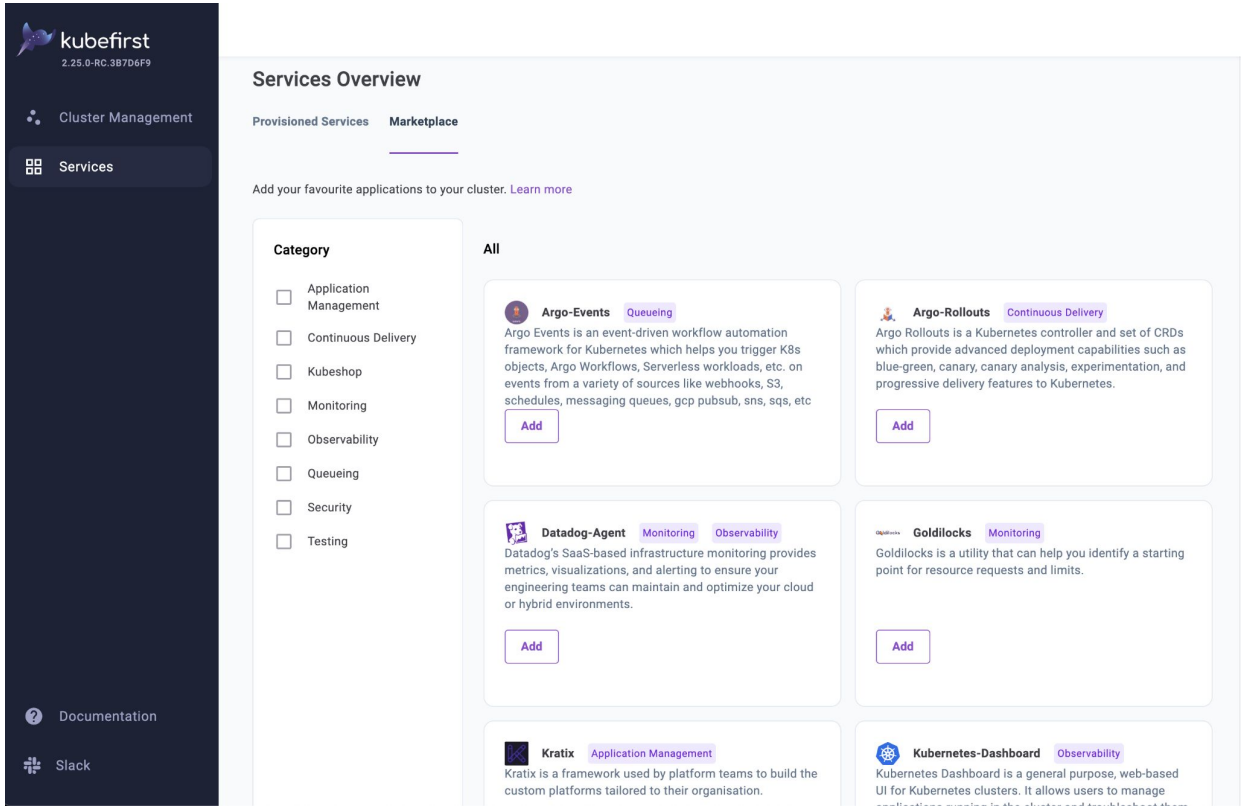
RUNNER

EXTERNAL
DNS
FOR
kubernetes

2.1


kubefirst
V2.1.0
1
Select platform
2
Authentication
3
Cluster details
4
Provisioning
5
Ready
First, select your preferred Git provider
GitHub
GitLab
Now select your cloud adventure
AWS
Our AWS cloud platform can accommodate all of the needs of your enterprise and leverages the free Github system at github.com.
Civo
The cloud native service provider, specializing in managed Kubernetes. A faster, simpler and more cost-effective cloud platform. Learn More
DigitalOcean BETA
A cloud platform that allows developers to build, deploy, and scale applications. Its simplicity, ease of use and affordable pricing make it a popular choice for small businesses and startups. Learn More
Vultr BETA
A cloud hosting provider that offers high-performance SSD-based cloud servers, block storage, object storage, and dedicated servers in multiple locations worldwide. Learn More
Documentation
Slack
Next

v.next


kubefirst
2.25.0-RC.3B7D6F9
Cluster Management
Services
Documentation
Slack
Services Overview
Provisioned Services
Marketplace
Add your favourite applications to your cluster. Learn more
Category
Application Management
Continuous Delivery
Kubeshop
Monitoring
Observability
Queueing
Security
Testing
All
Argo-Events
Queueing
Argo Events is an event-driven workflow automation framework for Kubernetes which helps you trigger K8s objects, Argo Workflows, Serverless workloads, etc. on events from a variety of sources like webhooks, S3, schedules, messaging queues, gcp pubsub, sns, sqs, etc
Add
Argo-Rollouts
Continuous Delivery
Argo Rollouts is a Kubernetes controller and set of CRDs which provide advanced deployment capabilities such as blue-green, canary, canary analysis, experimentation, and progressive delivery features to Kubernetes.
Add
Datadog-Agent
Monitoring
Observability
Datadog's SaaS-based infrastructure monitoring provides metrics, visualizations, and alerting to ensure your engineering teams can maintain and optimize your cloud or hybrid environments.
Add
Goldilocks
Monitoring
Goldilocks is a utility that can help you identify a starting point for resource requests and limits.
Add
Kratix
Application Management
Kratix is a framework used by platform teams to build the custom platforms tailored to their organisation.
Kubernetes-Dashboard
Observability
Kubernetes Dashboard is a general purpose, web-based UI for Kubernetes clusters. It allows users to manage

workshop

1. Creating a k3d (local) Kubernetes cluster
2. Learning the gitops repository structure
3. Managing your repositories using Terraform & Atlantis
4. Understanding users & secrets management with Vault
5. Exploring Argo CD by installing a new application to the cluster

workshop

github.com/kubefirst/kubefirst

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kubefirst.io/officehours