Amazon EKS Terraform Workshop

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- 1. Workshop Introduction
- ▼ 2. Introduction to Kubernetes
 - ▼ Kubernetes (k8s) Basics

What is Kubernetes

Kubernetes Nodes K8s Objects Overview K8s Objects Detail (1/2)

K8s Objects Detail (2/2)

▼ Kubernetes Architecture

Architectural Overview Control Plane

Data Plane

Kubernetes Cluster Setup

▼ Amazon EKS

EKS Cluster Creation Workflow

What happens when you create your EKS cluster

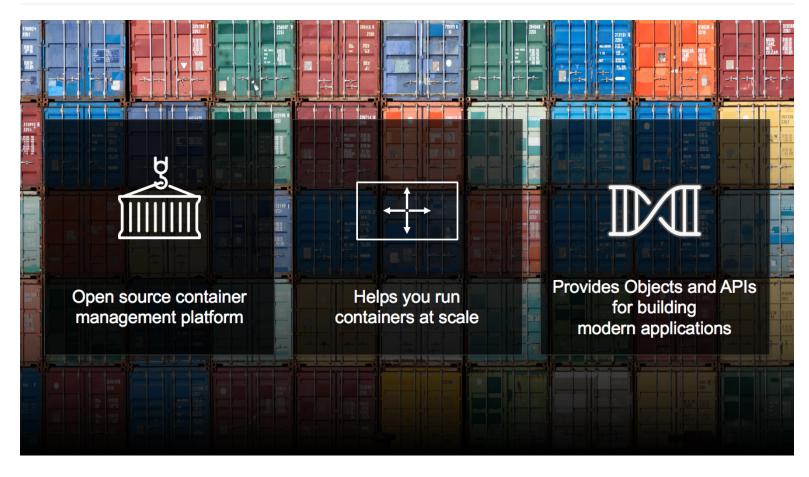
EKS Architecture for Control plane and Worker node communication

High Level

Amazon EKS!

- ▶ 3. Start the Workshop
- ▶ 4. Terraform Primer (Optional)
- ▶ 5. Creating a private EKS Cluster with Terraform
- ▶ 6. Extra Activities (Optional)
- ▶ 7. Using Fargate (Optional)
- **▶** Conclusion
- ▶ Cleanup

What is Kubernetes



- Built on over a decade of experience and best practices
- Utilizes declarative configuration and automation
- Draws upon a large ecosystem of tools, services, support

More information on what Kubernetes is all about can be found on the official Kubernetes website 2.

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