## **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

# **Amazon EKS**

In this section, we'll cover the following topics:

- 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!

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