Amazon EKS Terraform Workshop

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1. Workshop Introduction

2. Introduction to KubernetesKubernetes (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 Terraform Workshop > 2. Introduction to Kubernetes > Kubernetes Architecture

Kubernetes Architecture

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

- Architectural Overview
- Control Plane
- Data Plane
- Kubernetes Cluster Setup

Previous

Next