Amazon EKS Terraform Workshop

X

- 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 Terraform Workshop > 2. Introduction to Kubernetes > Kubernetes (k8s) Basics > **Kubernetes Nodes**

Kubernetes Nodes

The machines that make up a Kubernetes cluster are called **nodes**.

Nodes in a Kubernetes cluster may be physical, or virtual.

There are two types of nodes:

- A Control-plane-node type, which makes up the Control Plane, acts as the "brains" of the cluster.
- A Worker-node type, which makes up the Data Plane, runs the actual container images (via pods).

We'll dive deeper into how nodes interact with each other later in the presentation.

Previous

Next