

**Amazon EKS (Elastic Kubernetes Service) Workshop for Beginners**

**Course Number:** EKS-100
**Duration:** 0.5 days

**Overview**

In recent years, Kubernetes has emerged as the leading standard for orchestrating containers.  With containers now deployed most often to the cloud, Kubernetes has moved to the cloud as well. In this half-day class, attendees learn the fundamentals of AWS's Elastic Kubernetes Service (EKS), the leading cloud-based Kubernetes service.

**Prerequisites**

No prior experience is presumed.

**Materials**

All EKS training students receive comprehensive courseware.

**Software Needed on Each Student PC**

Each attendee must have their own AWS account. In the first session, we can assist in the setup if needed. For other courses in the series, you will use your same AWS account.

**Objectives**

Attendees will learn how to install, deploy, and clean up Kubernetes clusters.

**Outline**

* Introduction
* Installing kubectl in your platform along with other AWS pre-requisites
* Using eksctl to single command deploy your Kubernetes cluster
* Deploying the Kubernetes dashboard and a sample microservice
* Delete and clean up the K8s cluster
* Conclusion