

Running Containers on Amazon Elastic Kubernetes Service (Amazon EKS)

Price: 2025

Duration: 3 days

Delivery Methods: Virtual

Overview

In this course, you will learn how to use Amazon EKS to manage and orchestrate containers with Kubernetes. With Amazon EKS you can run Kubernetes on AWS without needing to install, operate, and maintain your own Kubernetes control plane. You will manage container images using Amazon Elastic Container Registry (Amazon ECR) and learn how to automate application deployment. You will deploy applications using continuous integration and delivery (CI/CD) tools. You will learn how to monitor and scale your environment by using metrics, logging, tracing, and horizontal and vertical scaling. You will also manage storage for your containerized applications, configure AWS networking services to support the cluster, and learn how to secure your Amazon EKS environment.

Prerequisite(s):

We recommend that attendees of this course have:

- Completed Introduction to Containers
- Completed Amazon Elastic Kubernetes Service (EKS) Primer
- Completed AWS Cloud Practitioner Essentials (or equivalent real-world experience)
- Basic Linux administration experience
- Basic network administration experience

Course Objectives:

In this course, you will learn to:

- Describe the main components of Kubernetes, including the key objects and the core components of the Kubernetes API.
- Describe how Amazon EKS manages the Kubernetes control plane and parts of the data plane.
- Build and maintain an Amazon EKS cluster.
- Deploy applications to an Amazon EKS cluster.
- Manage applications running in enterprise-scale Amazon EKS clusters.
- Configure efficient, secure communication both within the cluster and with outside services.
- Configure observability in an Amazon EKS cluster.
- Provision storage for applications running on Amazon EKS.
- Secure an Amazon EKS cluster.

Who Should Attend

- Cloud architects
- DevOps engineers
- Systems administrators

Course Schedule

Date	Time	Price	Options
06/09/2026	08:30 AM - 04:30 PM CT	2,025.00	Buy Now Enroll

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FAQ

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