

KUBERNETES

Details:

 Duration: **32 Hours**

 Delivery Format: **Online**

 Access: **12 Months**

 Language: **English**

Kubernetes, an open source container orchestration platform, is used to automate the management of containerized applications. Its numerous benefits have made it particularly popular with organizations that are utilizing DevOps approaches. Kubernetes has become the standard for deploying containers in production since it is scalable, flexible and works for projects of varying scale. This course will start from basics of Kubernetes and covers concepts such as Kubernetes Architecture, Kubernetes Components and how to deploy application. With Kubernetes engineers earning as much as \$133,992 per year, now is the right time to invest in this workshop and upscale your career.

About the Course?

The use of container technology has seen a massive increase in the past few years as more and more organizations are realizing the potential of containers. These enterprises deploy a huge number of containers and thus require technologies and frameworks that help in automation and management of these containers. Technologies such as Kubernetes that help in automating deployment, scaling, and management of containerized applications are thus in much demand.

Kubernetes is an open source; container management system created by Google to automate deployment and manage containerized applications. It acts as a portable cloud platform that orchestrates computing and networking. It has become an integral part of DevOps teams since it helps them manage the containers easily.

As per a recent survey conducted by Datadog, the usage of Kubernetes continues to grow in container environments globally. Hence, the demand for professionals who have knowledge of Kubernetes is high, since organizations need experts who can help manage these containers.

What you will learn?

- Kubernetes Components
- Kubernetes Architecture
- Deploy Kubernetes
- Work With Pods and Deployments
- Skills To Deploy Kubernetes Cluster

Who should go for this course?

- Developers
- System Admins
- Testers
- Operators
- Architects

Prerequisites

Possessing the following skills can give you an added advantage when you enroll for the Kubernetes course:

- Docker Essentials
- Basic Knowledge about Linux Administration
- Basic knowledge about Networking