
Getting Started with Google Kubernetes Engine

Duración: 1 Día Remoto (Virtual) **Código del Curso: GO6591** **Version: 1.7.1** **Método de Impartición: Curso**

Temario:

This five-hour class equips you to contain workloads in Docker containers, deploy them in Kubernetes clusters provided by Google Kubernetes Engine, and scale those workloads to handle increased traffic. Students also learn how to continually implement new code into a Kubernetes cluster to provide application updates.

Learn how to create and deploy containerized applications on Google Kubernetes Engine (GKE). This course features a combination of lectures, demos, and hands-on labs to help you explore and deploy solution elements—including infrastructure components like pods, and containers.

Dirigido a:

This class is intended for the following participants: Application developers, cloud solutions architects, DevOps engineers, IT managers. People who use the Google Cloud to create new solutions or to integrate existing systems, application environments and infrastructure with the Google Cloud.

Objetivos:

- At the end of the course, you'll be able to do it:
 - Understand the basics of the container.
 - Containerize an existing application.
 - Understand the concepts and principles of Kubernetes.
 - Deploy applications to Kubernetes using the CLI.
 - Establishing a continuous delivery pipeline using Jenkins
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Prerequisitos:

To get the most out of this course, participants should have

- Basic command of command line tools and Linux operating system environments, as well as web servers
 - Experience in systems operations, including application deployment and management, either on-premise or in a public cloud environment
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Contenido:

Module 1: Introduction to Containers and Dockers	Provision of a complete cluster of Kubernetes using the Kubernetes Engine	Understand and build canary deployments.
■ Familiarize yourself with containers, the Docker and the Google Container Registry.	Deploy and manage Docker containers using Kubectl.	Module 4: Continuous Deployment with Jenkins
Create a container.		Build a continuous delivery pipe. Jenkins' supply in your Kubernetes group.
Pack a container with a Docker.	Divide an application into microservices using Kubernetes Deployments and Services.	Create a Jenkins pipeline.
Store an image of a container in the Google Container Registry.	Module 3: Kubernetes Deployment	Implement a canary deployment using Jenkins.
Launch a Docker container.	■ Create and manage Kubernetes deployments.	
Module 2: Kubernetes Basics	Create a Kubernetes deployment.	
■ Deploy an application with microservices in a Kubernetes cluster.	Activate, pause, resume and roll back updates.	

Más información:

Para más información o para reservar tu plaza llámanos al (34) 91 425 06 60

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