

Kubernetes Skills

Master building, running, and debugging Docker containers. Delve into deploying containerized applications to Google Kubernetes Engine (GKE). This game equips you with the practical skills to provision clusters, manage deployments using `kubectl` commands, and orchestrate microservices using Deployments and Services. Gain experience scaling deployments and exploring advanced deployment strategies like Blue-Green and Canary deployments, empowering you to implement robust and efficient container orchestration for your applications.

**DURATION**

4 hours

**LEVEL**

200 - Intermediate

**FORMAT**

Instructor-led

What you'll learn

Overview	4 modules
Who this course is for	Someone who has general familiarity with Kubernetes, but is looking for more in depth training on deploying, and scaling Kubernetes deployments
Products	Google Kubernetes Engine
Prerequisites	- Little to no prior experience with Docker and containers is assumed. - Familiarity with Cloud Shell and the command line is suggested, but not required. - Linux System Administration skills.

Module 01 Introduction to Docker

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| Activities | <ul style="list-style-type: none">GSP055 - Introduction to Docker (60 mins) |
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Module 02 Google Kubernetes Engine: Qwik Start

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| Activities | <ul style="list-style-type: none">GSP100 - Google Kubernetes Engine: Qwik Start (45 mins) |
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Module 03 Orchestrating the Cloud with Kubernetes

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| Activities | <ul style="list-style-type: none">GSP021 - Orchestrating the Cloud with Kubernetes (75 mins) |
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Module 04 Managing Deployments Using Kubernetes Engine

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| Activities | <ul style="list-style-type: none">GSP053 - Managing Deployments Using Kubernetes Engine (60 mins) |
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