Google Cloud

Cloud Hero: Kubernetes Skills Data Sheet - English

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Key information

Event Category	Cloud Hero
Event version	1.0
Event title **(55 characters MAX)** [Course Naming Best Practice](#)	Cloud Hero: Kubernetes Skills
Description **(500 characters MAX)** [Course Naming Best Practice](#)	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 [How to input course duration](#)	240 minutes

Level (please leave only applicable)	Intermediate

Content overview

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
Total Labs	4
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. |
| Products | Kubernetes, Containers |

Content breakdown

Module 1 activities	GSP055 - Introduction to Docker (60 mins)
Module 2 activities	GSP100 - Google Kubernetes Engine: Qwik Start (45 mins)
Module 3 activities	GSP021 - Orchestrating the Cloud with Kubernetes (75 mins)
Module 4 activities	GSP053 - Managing Deployments Using Kubernetes Engine (60 mins)

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