Website on Google Cloud

Fundamental 7 Steps 5 hours 22 Credits

In this quest you will learn about the four Google Cloud website architectures available to ensure that your website is available and scalable. Looking for a hands on challenge lab to demonstrate your skills and validate your knowledge? On completing this quest, finish the additional challenge lab at the end of this [Build a Website on Google Cloud](#) to receive an exclusive Google Cloud digital badge. This quest is based on the video series [Get Cooking in Cloud](#).

Quest Outline

[Hosting a Static Web App on Google Cloud using Cloud Storage](#)

5 minutes

[Deploy Your Website on Cloud Run](#)

In this lab you will deploy a website to Google Kubernetes Engine, scale it out to more instances, then deploy a new version using rolling updates.

45 minutes	Fundamental	5 Credits

[Hosting a Web App on Google Cloud using Compute Engine (video)](#)

6 minutes

[Hosting a Web App on Google Cloud Using Compute Engine](#)

In this lab you'll deploy and scale a Web App on Google Compute Engine.

45 minutes	Fundamental	5 Credits

[Deploy, Scale, and Update Your Website on Google Kubernetes Engine](#)

In this lab you will learn how to deploy a website to Google Kubernetes Engine, scale it out to more instances, and deploy a new version using Rolling Updates.

45 minutes	Fundamental	5 Credits

[Migrating a Monolithic Website to Microservices on Google Kubernetes Engine](#)

In this lab you will deploy a monolithic application to a Google Kubernetes Engine cluster, then break it down into microservices.

1 hour 30 minutes	Advanced	7 Credits

[Case Study: Hosting Scalable web apps on Google Cloud](#)

9 minutes

Quest Complete!

Congrats! You completed this quest and earned a badge. Become a cloud expert and start another.