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Google Cloud

Google Cloud

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Apply your skills in Google Cloud console



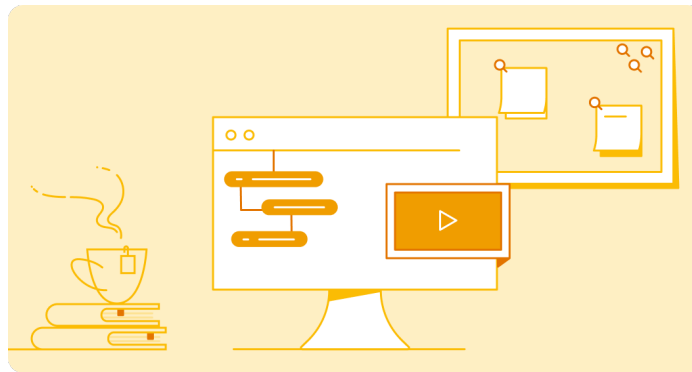
Hybrid and Multi-Cloud Architect Learning Path

A Hybrid and Multi-Cloud Architect manages container-based applications across multiple clouds, or between on-premises and cloud environments.

school 8 activities update Last updated 8 months person Managed by Google Cloud

A Hybrid and Multi-Cloud Architect manages container-based applications across multiple clouds, or between on-premises and cloud environments. This learning path guides you through a curated collection of on-demand courses, labs, and skill badges that provide you with real-world, hands-on experience using Google Cloud technologies essential to the Hybrid and Multi-Cloud Architect role. Once you complete the path, check out our catalog for 700+ labs and courses to keep going on your professional journey.

[Start learning path](#)



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01 A Tour of Google Cloud Hands-on Labs

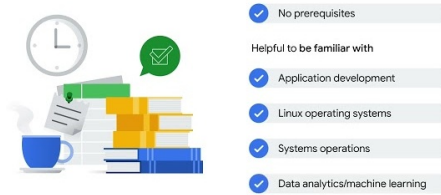
book Lab

access_time 45 minutes

show_chart Introductory

In this first hands-on lab you will access the Google Cloud console and use these basic Google Cloud features: Projects, Resources, IAM Users, Roles, Permissions, and APIs.

Start lab



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02 Google Cloud Fundamentals: Core Infrastructure

book Course

access_time 5 hours

show_chart Introductory

Google Cloud Fundamentals: Core Infrastructure introduces important concepts and terminology for working with Google Cloud. Through videos and hands-on labs, this course presents and compares many of Google Cloud's computing and storage services, along with important resource and policy management...

Start course

Learn how to ...

Define cloud computing.



(/paths/13/course_templates/32)

03 Architecting with Google Kubernetes Engine: Foundations

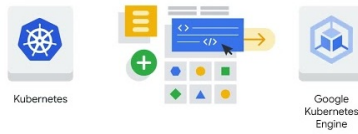
book Course

access_time 24 hours

show_chart Intermediate

In this course, "Architecting with Google Kubernetes Engine: Foundations," you get a review of the layout and principles of Google Cloud, followed by an introduction to creating and managing software containers and an introduction to the architecture of Kubernetes. This...

Start course



(/paths/13/course_templates/34)

04 Architecting with Google Kubernetes Engine: Workloads

book Course

access_time 6 hours 30
minutes

show_chart Intermediate

In "Architecting with Google Kubernetes Engine- Workloads", you'll embark on a comprehensive journey into cloud-native application development. Throughout the learning experience, you'll explore Kubernetes operations, deployment management, GKE networking, and persistent storage. This is the first course of the Architecting...

Start course



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05 Architecting with Google Kubernetes Engine: Production

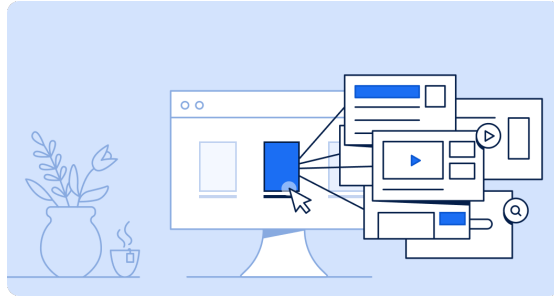
book Course

access_time 6 hours 30
minutes

show_chart Intermediate

In this course, you'll learn about Kubernetes and Google Kubernetes Engine (GKE) security; logging and monitoring; and using Google Cloud managed storage and database services from within GKE. This is the second course of the Architecting with Google Kubernetes Engine...

Start course



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06 Implementing Cloud Load Balancing for Compute Engine

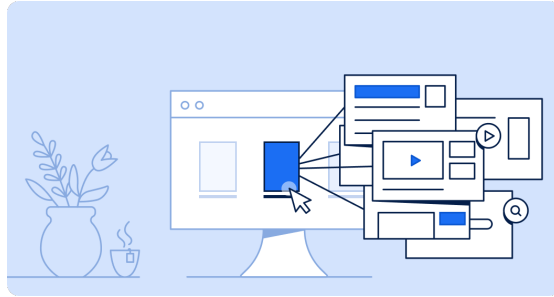
book Course

access_time 1 hour 15
minutes

show_chart Introductory

Complete the introductory Implementing Cloud Load Balancing for Compute Engine skill badge to demonstrate skills in the following: creating and deploying virtual machines in Compute Engine and configuring network and application load balancers.

[Start course](#)



(/paths/13/course_templates/663)

07 Deploy Kubernetes Applications on Google Cloud

book Course

access_time 4 hours 30
minutes

show_chart Intermediate

Complete the intermediate Deploy Kubernetes Applications on Google Cloud skill badge to demonstrate skills in the following: configuring and building Docker container images, creating and managing Google Kubernetes Engine (GKE) clusters, utilizing kubectl for efficient cluster management, and deploying Kubernetes...

Start course