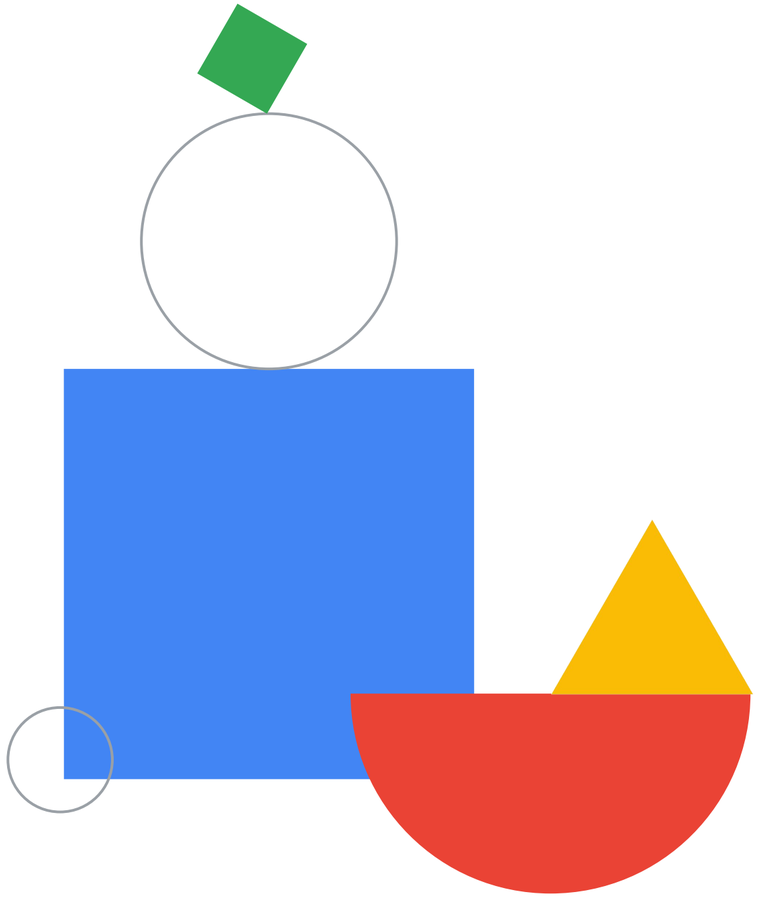
Google Cloud

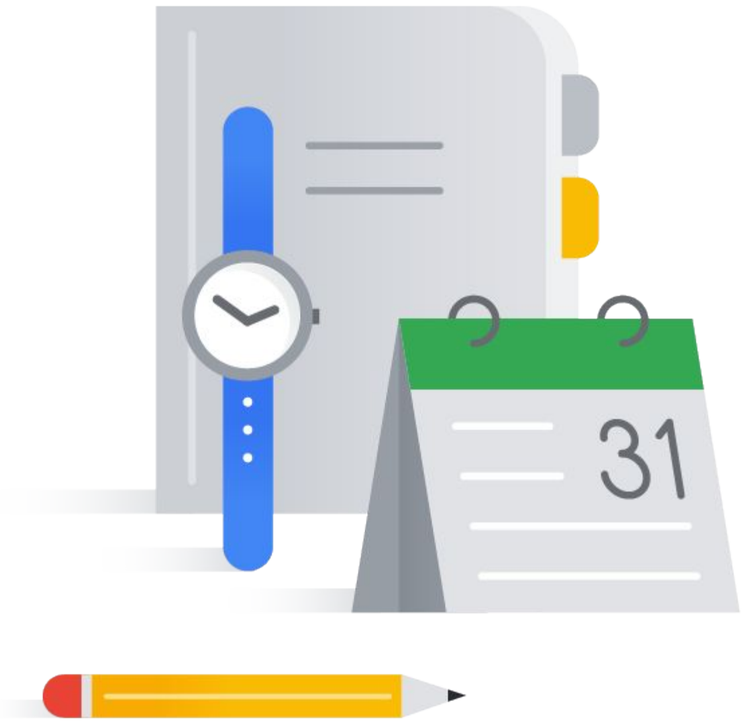
Preparing for Your Associate Cloud Engineer Journey



Introduction

Course agenda

0	Introduction
1	Setting Up a Cloud Solution Environment
2	Planning and Configuring a Cloud Solution
3	Deploying and Implementing a Cloud Solution
4	Ensuring Successful Operation of a Cloud Solution
5	Configuring Access and Security
6	Your Next Steps



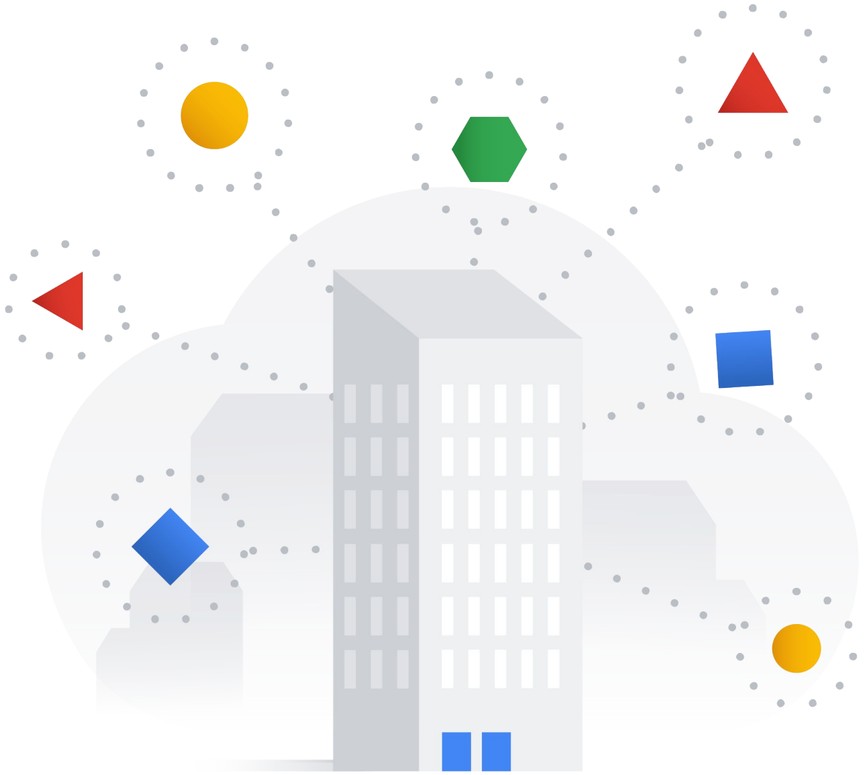
Module agenda

01 What is the role of an Associate Cloud Engineer?

02 Resources to support your certification journey

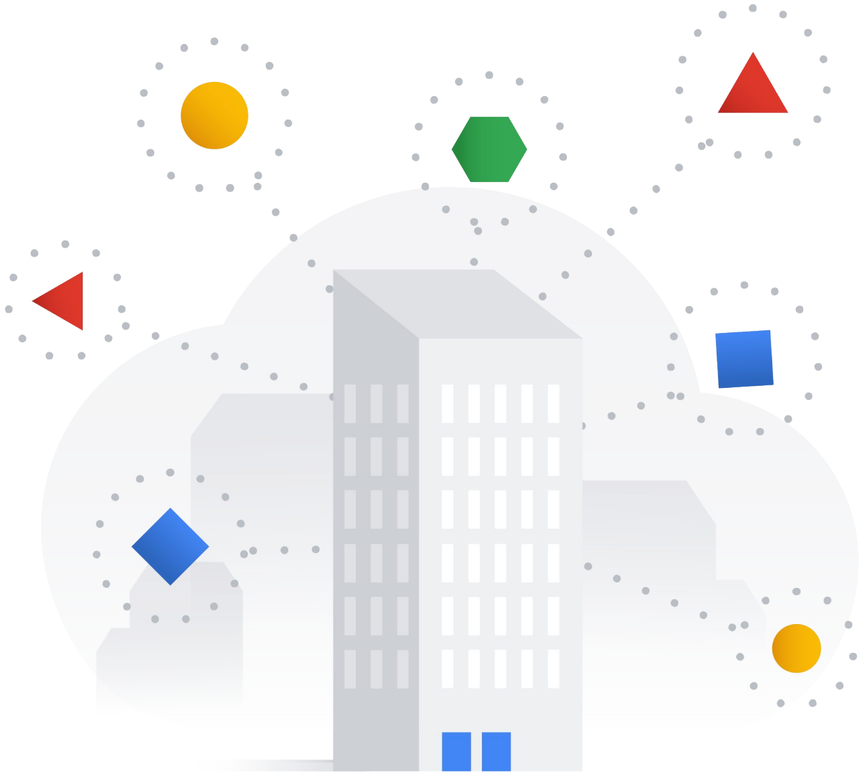
03 Creating your study plan

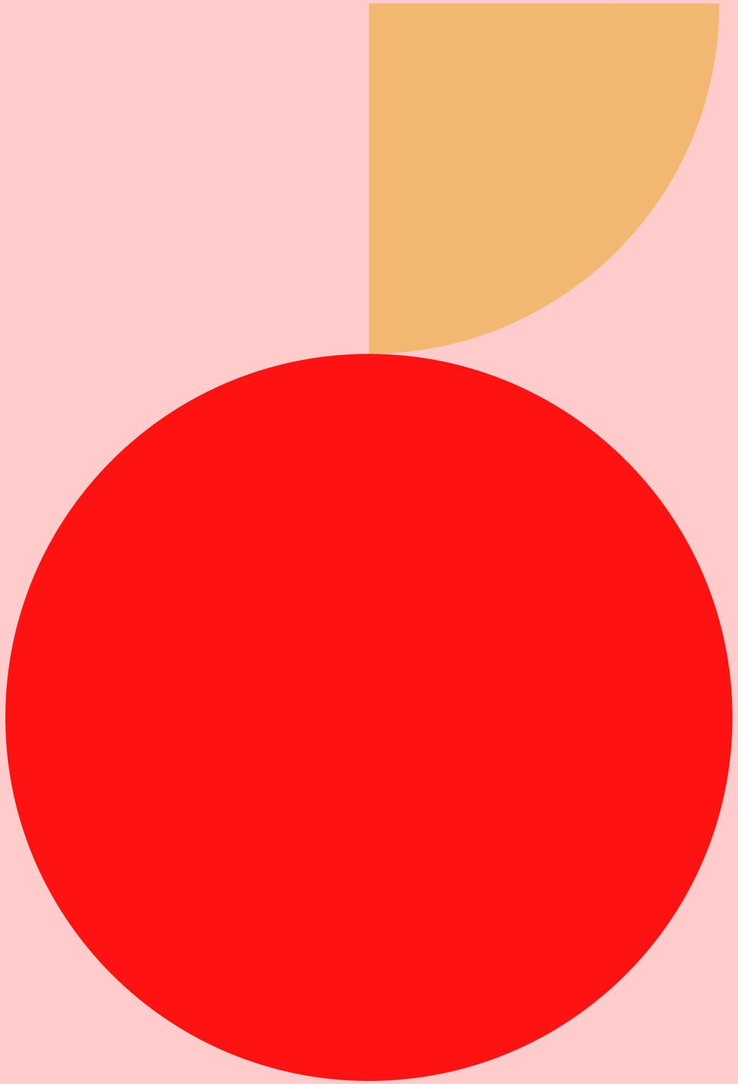
What is the role of an Associate Cloud Engineer?



What is the role of an Associate Cloud Engineer?

An Associate Cloud Engineer deploys and secures applications and infrastructure, monitors operations of multiple projects, and maintains enterprise solutions to ensure that they meet target performance metrics. This individual has experience working with public clouds and on-premises solutions. They are able to use Google Cloud Console and the command-line interface to perform common platform-based tasks to maintain and scale one or more deployed solutions that leverage Google-managed or self-managed services on Google Cloud.





Cymbal Superstore

Digitally Transforming

An established national retailer selling groceries, beauty and health products as well as clothing and accessories.

Migrating applications to Google Cloud

Ecommerce

Cymbal Superstore has an existing web application that provides an interface for customers to look at and order products

Transportation Management

Delivery services is becoming an important aspect of Cymbal Superstore's customer interactions. Cymbal Superstore would like to use Google Services to keep track of truck location

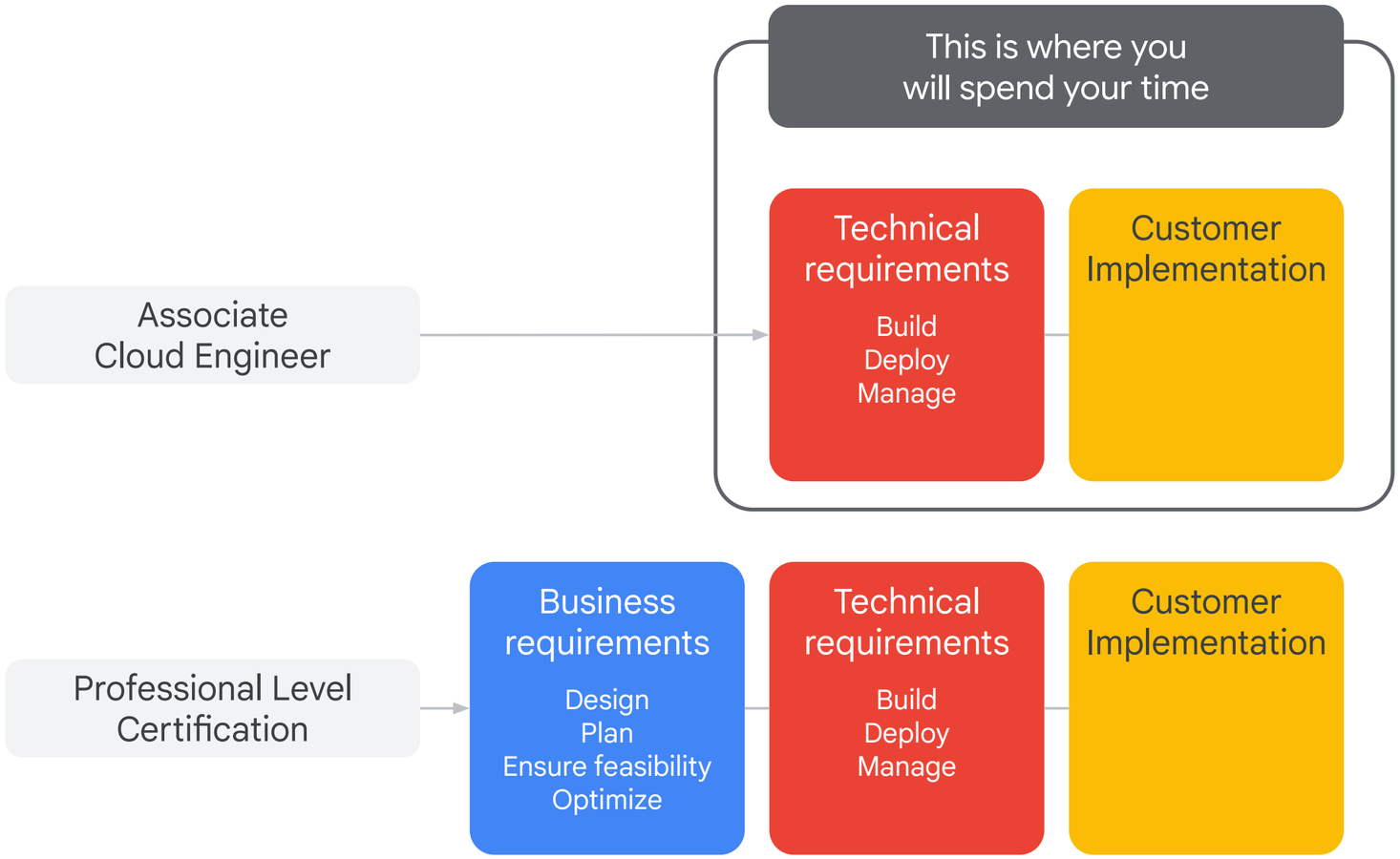
Supply Chain

Cymbal Superstore has decided to migrate their legacy supply chain application to the cloud

Why become Google certified?

- Gain industry recognition!
- Validate your technical expertise!
- Take your career to the next level!

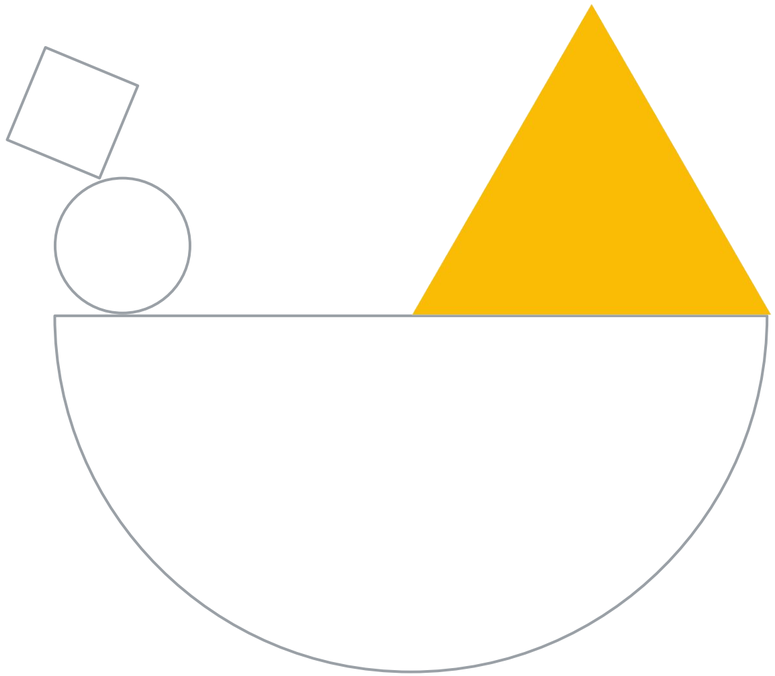
What is the difference between Associate and Professional certification?



Understand the scope of the exam based on the Associate Cloud Engineer Exam Guide.

https://cloud.google.com/certification/cloud-engineer

Resources to support your certification journey



Courses and Skill Badges in the Learning Path

Courses

1 Day	3 Days	1 Day
Fundamentals: Core Infrastructure	Architecting With Google Compute Engine	Getting Started with Google Kubernetes Engine

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Essential Google Cloud Infrastructure: Foundation

Essential Google Cloud Infrastructure: Core Services

Elastic Google Cloud Infrastructure: Scaling and Automation

Skill Badges

5 Hours	4 Hours	8 Hours	7 Hours
SKILL BADGE Create and Manage Cloud Resources	SKILL BADGE Perform Foundational Infrastructure Tasks in Google Cloud	SKILL BADGE Set Up and Configure a Cloud Environment in Google Cloud	SKILL BADGE Automating Infrastructure on Google Cloud with Terraform

Sample questions

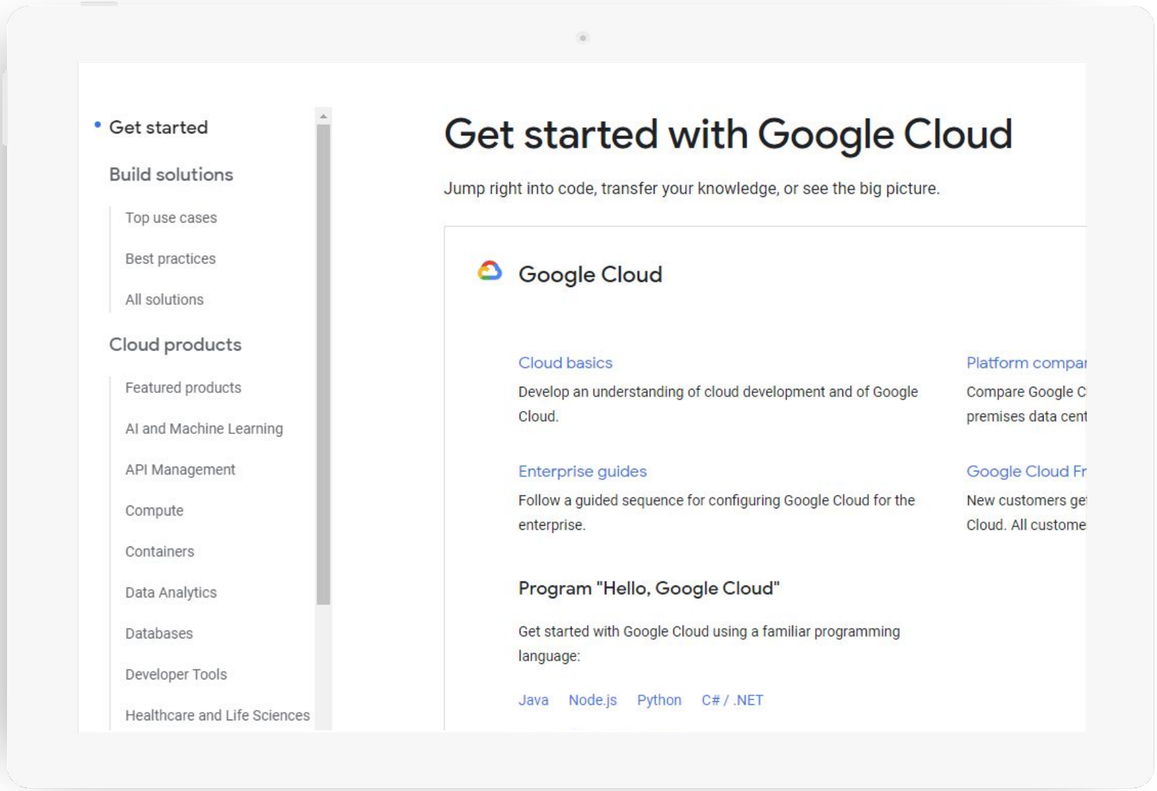
You have a project using BigQuery. You want to list all BigQuery jobs for that project. You want to set this project as the default for the bq command-line tool.
What should you do?

A. Use **gcloud config set project** to set the default project.
B. Use **bq config set project** to set the default project.
C. Use **gcloud generate config-url** to generate a URL to the Cloud Console to set the default project.
D. Use **bq generate config-url** to generate a URL to the Cloud Console to set the default project.

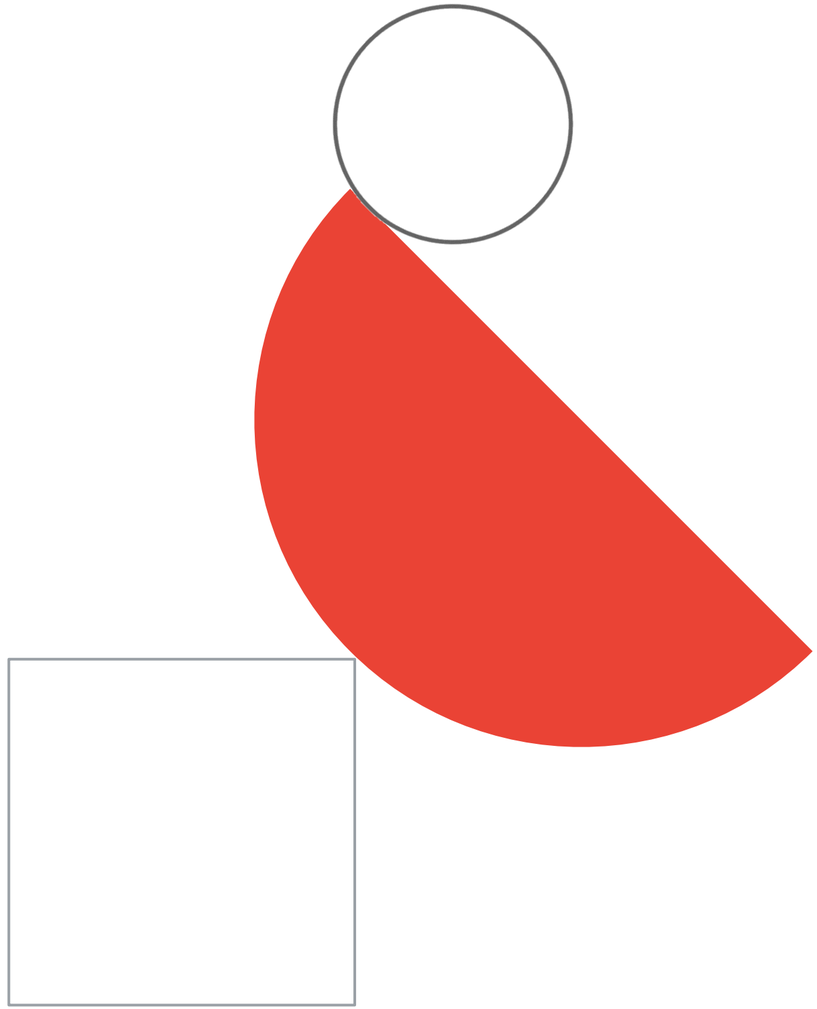
Product Documentation

Google supplies official public documentation for its products and services.

https://cloud.google.com/docs/

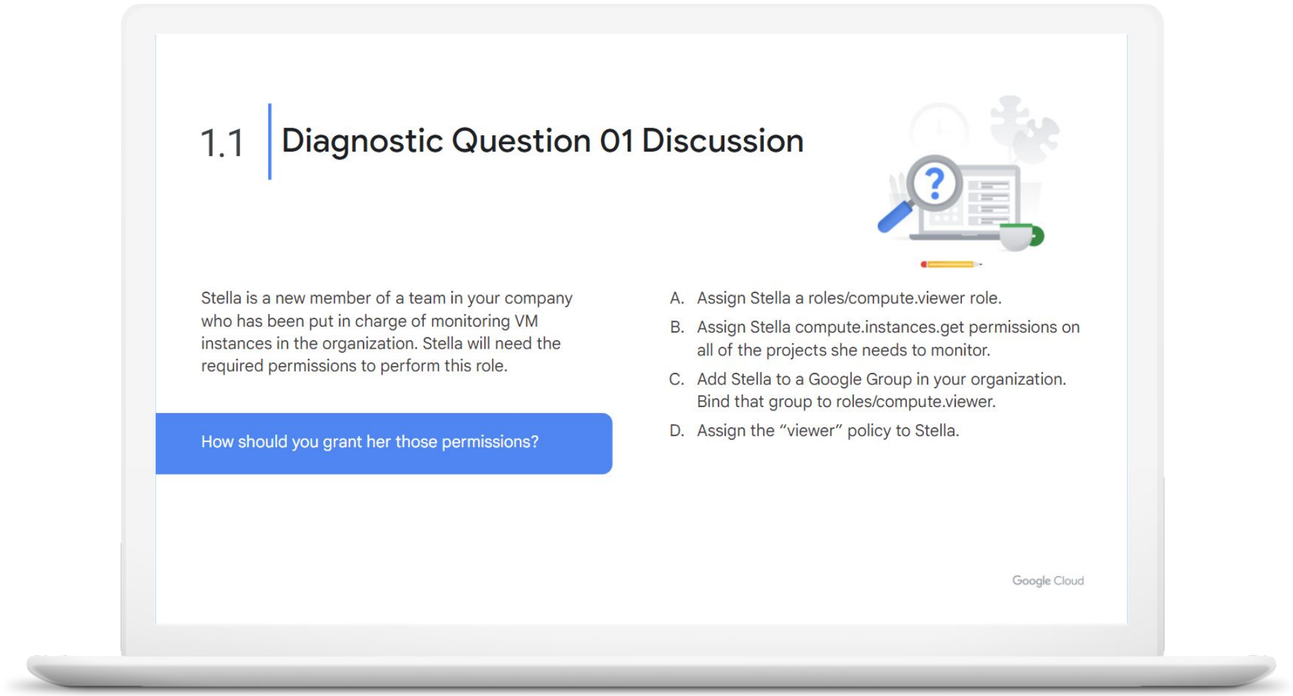


Creating your study plan



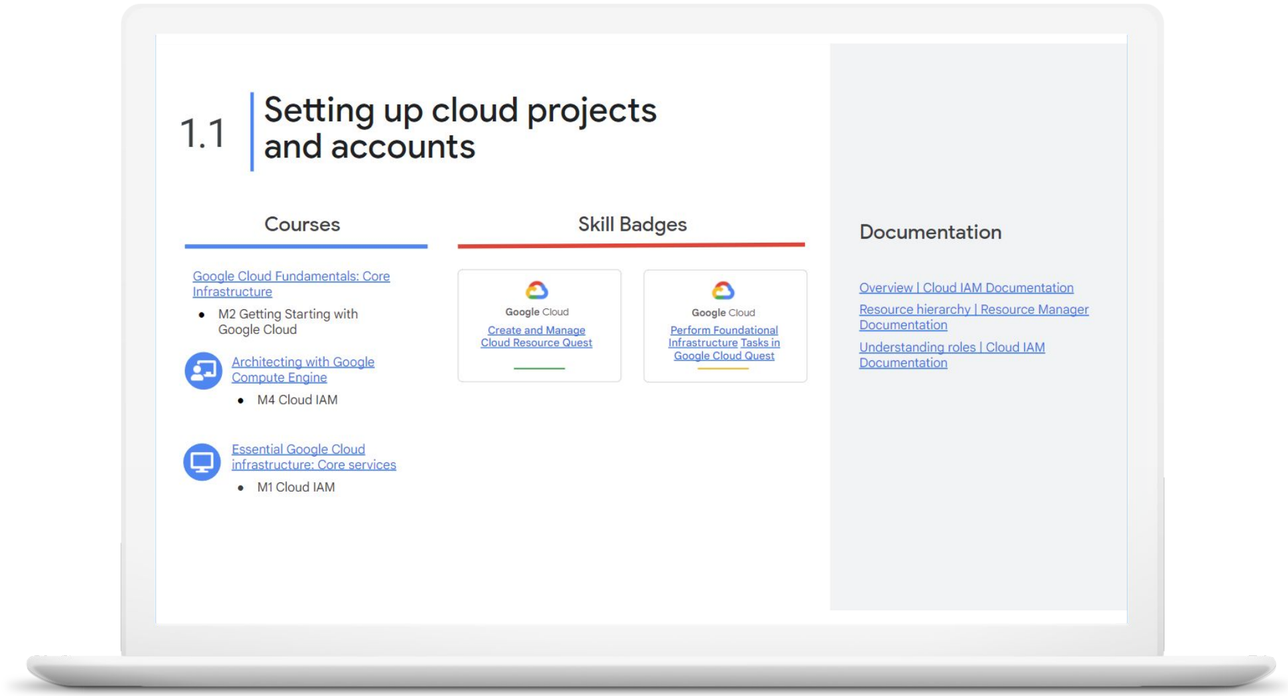
Diagnostic questions:

Identify areas you need to study and resources to support you



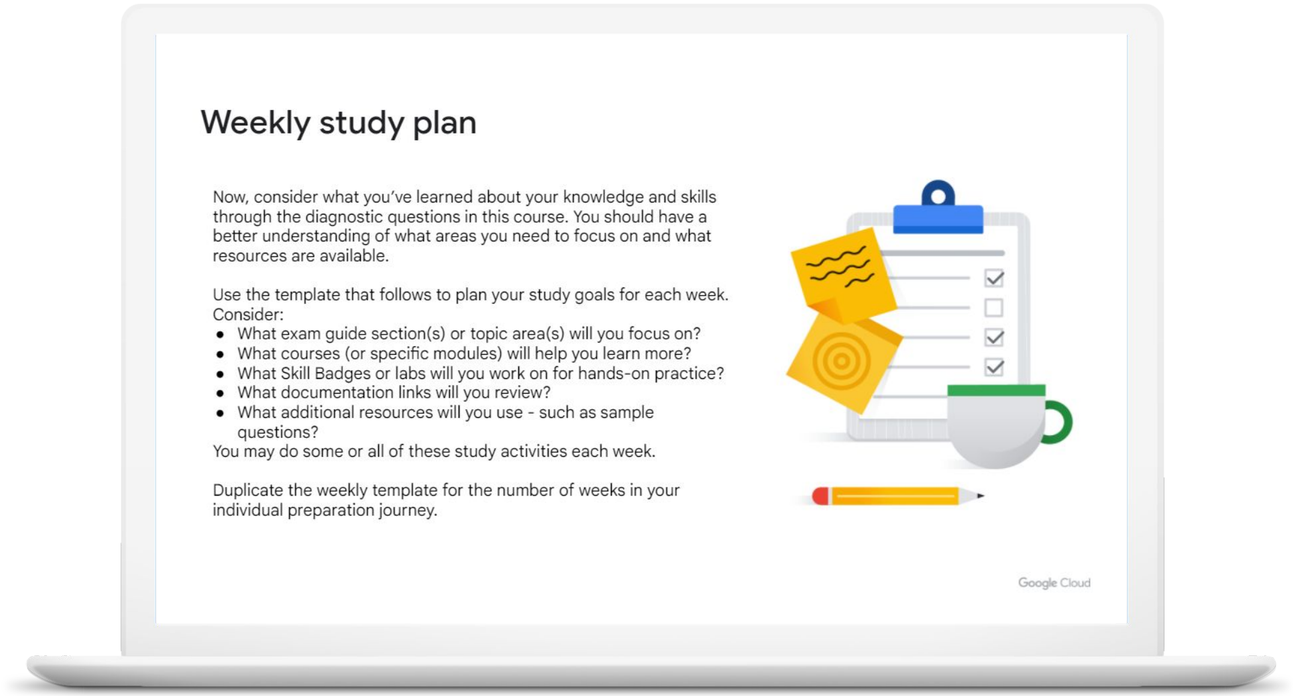
Locate resources:

Take notes in your workbook on the resources and documentation to fill your gaps



Use the workbook:

Plan your study for each week in the journey



Let’s start on your Associate Cloud Engineer journey.