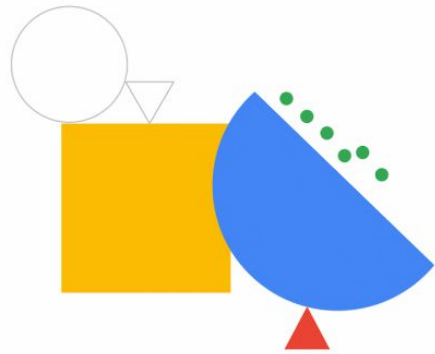# Managing Google Cloud's Apigee API Platform for Hybrid Cloud

Welcome to Managing Google Cloud's Apigee API Platform for Hybrid Cloud. This 3-day instructor-led course provides you with a broad study of Apigee hybrid on Google Cloud.

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Introductions

Your instructor + You

Background

Position

Organization

Introductions:

- Your instructor + You
- Background
- Position
- Organization

Facilities

Parking	Facilities	Food

Facilities:

- Parking
- Facilities
- Food

Course etiquette:

- ● Recording this class is prohibited.
- ● Please silence your phone and take calls outside.
- ● Ask questions interactively or via chat (online).

Audience and prerequisites

Target audiences

- Cloud architects, cloud engineers, and operations specialists
- Individuals who want to install and operate Apigee hybrid

Prerequisites

- Familiarity with Linux commands and shell command line interface
- Basic understanding of Google Cloud
- Basic understanding of GKE
- Basic understanding of networking
- Basic understanding of shell scripts, XML, JSON, HTTP, REST, and TLS

Google Cloud

Target Audiences:

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- Basic understanding of networking.
- Basic understanding of shell scripts, XML, JSON, HTTP, REST, and TLS.

What you will learn...

Fundamentals

Architecture

Installation and Platform Operation

Deployment and Environment Management

Security

Capacity Planning and Scaling

Upgrade

Logging and Monitoring

Google Cloud

Through presentations, demonstrations, and hands-on labs, you will learn how to install and operate the Apigee hybrid platform on Google Cloud. The course will cover the architecture, installation process and the techniques to manage and monitor the hybrid runtime system.

Specifically, you will learn about these topics:

- Product fundamentals
- Apigee hybrid architecture
- Installation and Operation of Apigee hybrid
- Deployment and Environment Management
- Security
- Capacity Planning and Scaling
- Upgrading Apigee hybrid
- Logging and Monitoring

Agenda: Day 1

Module	Lab
1 Fundamentals	-
2 Architecture	-

This course consists of 8 modules and 5 labs.

On Day 1, we will aim to cover the following 2 modules:

1.   Fundamentals
2.   Architecture

Agenda: Day 2

Module	Lab
3 **Installation and Platform Operation**	Installing and Managing Apigee Hybrid
4 **Deployment and Environment Management**	-
5 **Security**	-

Google Cloud

On Day 2, we will we will aim to cover the following 3 modules:

3.   Installation and Platform Operation
4.   Deployment and Environment Management
5.   Security

You will also implement the lab:

●   Installing and Managing Apigee Hybrid

Agenda: Day 3

Module	Lab
6 Capacity Planning and Scaling	-
7 Upgrade	-
8 Logging and Monitoring	-

On Day 3, we will we will aim to cover the following 3 modules:

6.   Capacity Planning and Scaling
7.   Upgrade
8.   Logging and Monitoring

Lab Environment

QWIKLABS

For each lab, Qwiklabs offers:

- A free set of resources for a fixed amount of time
- A clean environment with permissions

Google Cloud

Qwiklabs provisions you with Google account credentials, so you can access the GCP Console for each lab at no cost. Specifically, for each lab, Qwiklabs offers:

- A free set of resources for a fixed amount of time
- A clean environment with permissions

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Open Qwiklabs

1 Open an incognito window (or private/anonymous window).

2 Go to the Qwiklabs URL your instructor provides.

3 Sign In with existing account or Join with new account (with email you used to register for the course).

4 Launch the course from **Profile**.

Access issues

The process to open Qwiklabs can differ based on credentials used. Please reach out to your trainer if you have any access issues.

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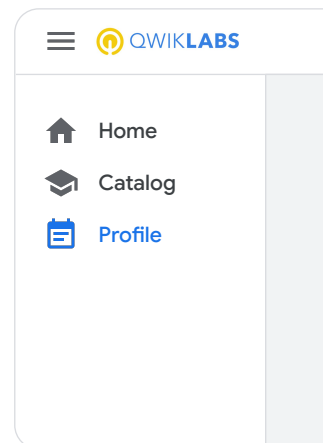
Google Cloud

Let's go ahead an open Qwiklabs:

1. **Open an incognito window** (or private/anonymous window). Use of an incognito browser window reduces the risk that you will accidentally do the labs using your own Google Cloud account rather than Qwiklabs'.
2. **Go** to the Qwiklabs URL your instructor provides.
3. **Sign** In with existing account or **Join** with new account (with email you used to register for the course).
4. Launch the course from **Profile**.

View your labs

Do **NOT** launch a lab until instructed to do so!

Labs	Lecture Notes

✅ ────────────────────── ⟵ Lab completed

○ ────────────────────── ⟵ To be completed

⚠ ────────────────── [Lab Currently Disabled] ⟵┐ Not yet available

⚠ ────────────────── [Lab Currently Disabled] ⟵┘

Google Cloud

After you launch the course, you can view your labs. As shown in the sample, the list of labs indicate if a lab is:

- Completed (by you)
- Active
- Or not yet available

Your instructor will let you know when it's time to launch a lab. Once you start a lab, you won't be able to pause and restart it, so you'll need a continuous block of time to complete the work.
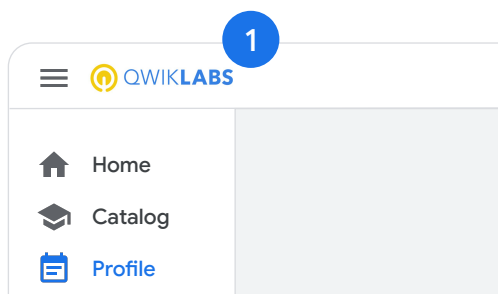
View lecture notes

Labs	**Lecture Notes**

01 ⬇

02 ⬇

03 ⬇

04 ⬇

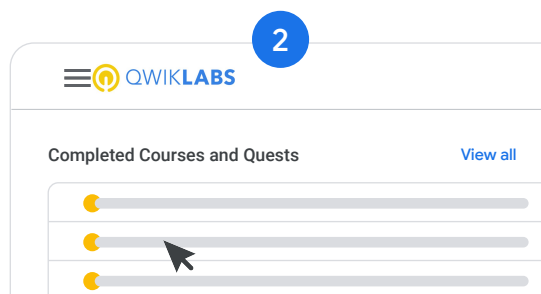You can download these as PDF files

Within the course, you can also view the lecture notes. You can download these as PDF files.

End of class: Materials

Materials are available for 2 years

1

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Click on **Profile** in the left-hand navigation bar

2

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Completed Courses and Quests   View all

Select the class from the Completed Courses list

Google Cloud

You can view the course materials within Qwiklabs as follows:

1. Click on *Profile* in the left-hand navigation bar.
2. Scroll down to the *Completed Courses* section.
3. Select the class from the *Completed Courses* list.

Materials are available for 2 years following the completion of a course.