

Google Cloud Computing Foundation Course
Jimmy Tran
SMB Growth Program Manager
Google Cloud

Lecture-36
Module introduction

Hi I am Jimmy welcome to the module there is an API for that in this module you will look at how to build applications with managed services. So, far in this course you have learned what GCP is and why you should have a solid platform before beginning a GCP transfer. You have also learned how GCP supports the billing of apps and the different storage and database options in GCP. Now you will learn about REST API s the services that are available to help you manage your API's and how cloud pub/sub works.

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The slide is titled "Learning objectives" and features a blue header box with the text "Discuss the different application managed service options in the cloud". Below this, there is a list of five bullet points. To the right of the text is a photograph of Jimmy Tran, a man in a light blue button-down shirt, with his hands clasped in front of him.

Learning objectives

Discuss the different application managed service options in the cloud

- Discuss the purpose of APIs
- Explain the format of a REST API
- Compare and contrast Cloud Endpoints and Apigee
- Explore the use case for a managed messaging service
- Discuss how Cloud Pub/Sub is used as a managed messaging service

The objective of this module is to review the different application managed service options in the cloud. To achieve this goal you will need to meet the following learning objectives. Discuss the purpose of api's, explain the format of a REST API, compare and contrast the Cloud endpoints and Apogee API managed services, identify the use case for a managed messaging service and discuss how cloud pub/sub is used as a managed messaging service.

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Agenda

The Purpose of APIs	Cloud Pub/Sub
Cloud Endpoints	Lab: Cloud Pub/Sub: Qwik Start - Python
Lab: Cloud Endpoints: Qwik Start	
Using Apigee Edge	Quiz
Managed Message Services	Summary

These are the topics that make up the module you will begin by learning about the purpose of api's and discuss REST API specifically which are currently the most popular style for services. You will explore Cloud endpoints which is a distributed API management system before completing a hands-on lab where you will deploy a sample API with Cloud endpoints. The next topic looks at Apogee edge which is a platform for developing and managing API proxies.

You will then learn about the use case for managed services followed by cloud pub/sub which is Google's managed message system. Next in this lab you will publish messages with cloud pub/sub using the Python client library you will end with a short quiz and a quick recap of all the topics you have learned which will take you to the end of this module.