

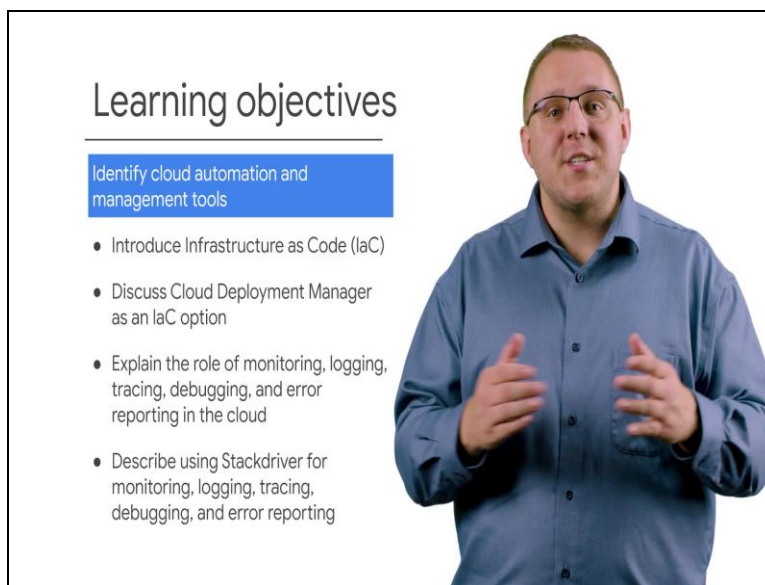
Google Cloud Computing Foundation Course
Seth Vargo
Google Cloud

Lecture-62
Module introduction

Hey there it is Seth again and welcome to the module. Let Google keep an eye on things in this module you will learn about automation and monitoring in the cloud. So, far in this Google cloud computing foundations course you have learned what the cloud is, the Google cloud platform and how to use Google cloud platform to build applications. You then explored storage options the role of API is, cloud security and networking.

In this module you will look at the role Google cloud can play in automating the creation and management of your GCP resources as well as ensuring your infrastructure and applications are running optimally.

(Refer Slide Time: 00:40)



The slide is titled "Learning objectives" and features a blue header box with the text "Identify cloud automation and management tools". Below this, there is a list of four bullet points. To the right of the text is a photograph of a man in a blue shirt, identified as Seth Vargo, who is speaking and gesturing with his hands.

Learning objectives

Identify cloud automation and management tools

- Introduce Infrastructure as Code (IaC)
- Discuss Cloud Deployment Manager as an IaC option
- Explain the role of monitoring, logging, tracing, debugging, and error reporting in the cloud
- Describe using Stackdriver for monitoring, logging, tracing, debugging, and error reporting

The objective of this module is to identify cloud automation and management tools. The specific learning objectives to achieve this include to introduce infrastructure as code. Discuss Google cloud deployment manager as an infrastructure as code option. Explain the role of monitoring, logging, tracing, debugging and error reporting in the cloud and to describe using stackdriver for monitoring, logging, tracing, debugging and error reporting.

(Refer Slide Time: 01:09)

Agenda

Introduction to Infrastructure as Code (IaC)	Lab: Monitoring Multiple Cloud Projects with Stackdriver
Cloud Deployment Manager	Quiz
Monitoring and Managing Your Services, Applications, and Infrastructure	Summary
Stackdriver	



This agenda shows the topics that make up the module. The module starts with an introduction to infrastructure as code. Before moving on to cloud deployment manager as an infrastructure as code tool you will then learn the importance of monitoring and managing existing, services, applications and infrastructure, before you look at the integrated tools that make up Google Stackdriver. To end the module you will complete a hands-on lab where you will monitor the metrics provided by project virtual machines in stackdriver before you complete a short quiz and review the main learning points of the module.