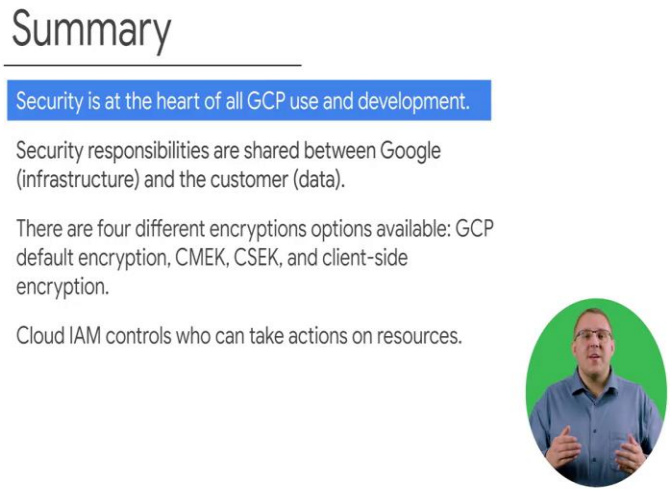
Google Cloud Computing Foundation Course
Seth Vargo
Google Cloud

Lecture-50
Summary

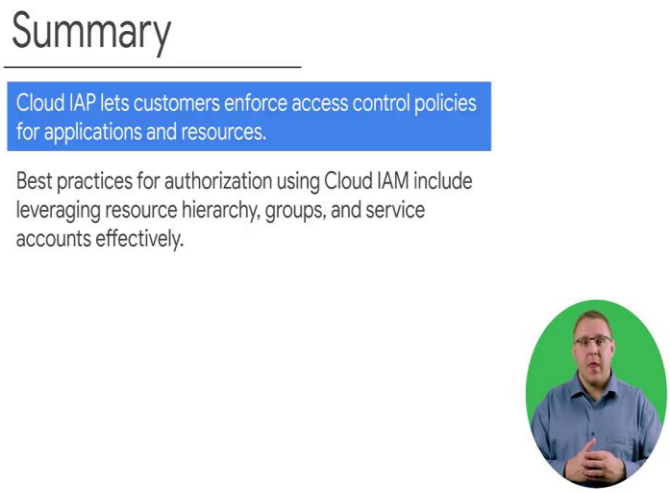
(Refer Slide Time: 00:07)



That concludes the module you can secure the cloud right let me remind you of what you learned. In this module you started by learning all about how security in the cloud is administered by GCP. You have thought about the importance of security in the cloud and how it shapes the use and development of Google cloud platform. You also determined the security responsibilities are shared between Google who is responsible for managing its infrastructure security and you the customer who is responsible for securing your data.

And you also discover that there are various encryption options available including Google default encryption CMEK, CSEC and client-side encryption. Next you learn how cloud Identity and Access Management can control who can do what on which resource in GCP.

(Refer Slide Time: 00:52)



And you discovered cloud identity aware proxy which lets you establish a central authorization layer for applications accessed by TLS. So, you can use an application level access control model instead of relying on network level firewalls. And finally you are introduced to best practices for authorization using IAM which included leveraging and understanding the resource hierarchy, granting roles to groups instead of individuals and planning carefully about how to use service accounts.