Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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FORTINET. FCP - Google Cloud Security Administrator

CODE:	LÄNGE:	PREIS:
FNT_FT-GCS-CDS	16 Hours (2 Tage)	€1,900.00

Description

In this course, you will learn about the different components that make up the Google Cloud infrastructure and the security challenges these environments present, including high availability (HA), load balancing, and software-defined network (SDN) connectors, as well as how to manage traffic in the cloud with Fortinet products.

Lernziel

After completing this course, you should be able to:

- Explain the concept of the public cloud
- Define public cloud service terms
- Identify threats and challenges in the public cloud
- Secure Google Cloud
- Identify various public cloud deployment types
- Explain Fortinet licensing models
- Describe Fortinet Github
- Describe Google Cloud service components
- Identify Google Cloud core networking components
- Identify Google Cloud security components
- Identify FortiGate architectures
- Examine use cases for deploying FortiGate
- Describe traffic flow for FortiGate Google Cloud architectures
- Identify Fortinet products on Google Cloud Marketplace
- Understand FortiGate Google Cloud SDN integration
- Identify Fortinet WAF solutions for Google Cloud
- Describe FortiWeb Cloud
- Identify different types of load balancers
- Understand various load balancing operations
- Understand symmetric hashing
- Explore load balancing NAT
- Identify supported protocols
- Explain different HA architectures in Google Cloud
- Describe FGCP A-P HA
- Describe FGCP A-A HA
- Define auto-scaling in Google Cloud

Zielgruppe

Anyone who is responsible for the deployment or day-to-day management of Fortinet solutions in Google Cloud should attend this course.

Voraussetzungen

To run the labs in Google Cloud, students must have their own Google Cloud accounts with the following:
A Google Cloud account with:

- A free trial account with a valid payment method. Some changes may still apply for deploying Fortinet and Microsoft Compute Engine instances
- A paid cloud billing account with a valid payment method

- Permissions to enable APIs to deploy Fortinet products from Google Cloud Marketplace
- Permissions to allow metadata API access for Compute Engine
- Deployment service account (or permissions to create one) with the following roles:
  config.agent
  compute.network.Admin
  compute.admin
  iam.serviceAccountUser
- Permissions to create the following:
  New projects (optional)
  Cloud storage bucket
  Virtual private cloud (VPC) networks
  Subnets
  IP addresses
  Firewall rules
  Custom routes
  Compute Engine VM instances from Google Cloud Marketplace (up to four vCPUs)
  Instance groups
  Health checks
  Load balancers
- The ability to do the following:
  Access Google Cloud Shell
  Access Google Cloud Shell Editor
  Clone a GitHub repository in Google Cloud Shell Editor
  Deploy Terraform templates using Google Cloud Shell
  Disable billing for projects (optional)
- Permissions to delete the following:
  All resources created
  Projects (optional)
  Solution deployments
  Deployments under Deployments Manager

Inhalt

- Introduction to the Public Cloud
- Google Cloud Components
- Fortinet Products and Deployments for Google Cloud
- Load Balancers in Google Cloud
- High Availability in Google Cloud

Weitere Informationen

If you take the online format of this class, you must use a computer that has the following:
A high-speed internet connection
An up-to-date web browser
A PDF viewer
Speakers or headphones
One of the following:
HTML5 support
An up-to-date Java Runtime Environment (JRE) with Java plugin enabled in your web browser

Kurstermine

Auf Anfrage. Bitte kontaktieren Sie uns

Zusätzliche Information

Diese Schulung ist auch als Vor-Ort-Schulung verfügbar. Bitte kontaktieren Sie uns, um mehr zu erfahren.