Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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FCP-Cloud Security for AWS

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

Description

In this course, you will learn about the different components that make up the Amazon Web Services (AWS) infrastructure and the security challenges these environments present, including high availability (HA), autoscaling, and software-defined networking (SDN) connectors, and how to manage traffic in the cloud with Fortinet products.

Lernziel

After completing this course, you will be able to:

- Understand the concept of the public cloud
- Understand AWS basic concepts
- Review AWS components
- Identify AWS security
- Describe the traffic flow in AWS
- Distinguish between different licenses in AWS Marketplace
- Deploy Fortinet products in AWS
- Configure the load balancer
- Identify FortiGate native active-passive HA
- Deploy FortiGate active-active HA with AWS ELB
- Understand how to use Fortinet GitHub
- Understand FortiGate AWS SDN integration
- Identify Fortinet WAF solutions for AWS
- Understand FortiGate autoscaling

Zielgruppe

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

Voraussetzungen

General knowledge of IaaS vendors and experience with FortiGate and FortiWeb VMs. **AWS Prerequisites**
To run the labs on AWS, students must have their own AWS accounts with the following:

- Valid payment method registered on the account
- Ability to subscribe to FortiGate PAYG and FortiWeb PAYG products on AWS Marketplace
- Capacity for at least four elastic IPs and 10 vCPUs in a single region
- Permissions to create the following:
  VPCs;
  EC2 instances;
  Security groups;
  Lambda functions;
  AIM users;
  Elastic load balancers;
  Autoscaling groups;
  Cloud formation stack deployments

The estimated cost per student for running the lab, if done within the specified lab times and everything is deleted at the end, is USD 10 per day.
System Requirements 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

You should use a wired Ethernet connection, not a Wi-Fi connection. Firewalls, including Windows Firewall or FortiClient, must allow connections to the online labs.

Inhalt

1. Introduction to the Public Cloud
2. AWS Concepts
3. High Availability and Load Balancer
4. Fortinet Solution for AWS

Test und Zertifizierung

This course is intended to prepare you for the NSE 6 Securing AWS With Fortinet Cloud Security certification exam.

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.