

Public Cloud Security Architect (FORT-PUBCLOUDSEC)

ID FORT-PUBCLOUDSEC Price on request Duration 3 days

Who should attend

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

Prerequisites

- General knowledge of IaaS vendors
- Experience with FortiGate, FortiWeb, and Linux VMs
- Completion of the FCP - Cloud Security for AWS and FCP - Cloud Security for Azure courses or a clear understanding of network components and how to deploy resources in Azure and AWS

AWS Prerequisites:

Labs: students must have own account with:

- A valid payment method registered on the account*
- Capacity for minimum four elastic IPs and 15 vCPUs in single region
- Capacity to deploy FortiGate EC2 instances with a combined total of 10 or more network interfaces
- Capacity to deploy FortiWeb EC2 instances
- Permissions to create the following:[list]
- Minimum of 6 VPCs and 10 EC2 instances
- S3 bucket
- CloudShell
- Security groups
- Internet and transit gateways
- Lambda functions
- IAM users with AWSMarketplaceFullAccess and AmazonEC2FullAccess permissions

[/list]

AWS Prerequisites: Labs: students must have own account with:

- Pay-as-you-go subscription with valid payment method*
- Ability to deploy FortiGate from Azure Marketplace using Bicep or Terraform
- Capacity for at least 16 vCPUs in a single region
- Capacity to deploy FortiGate VMs with a combined total of

- 10 or more network interfaces
- Permissions to create the following:
 - App registrations (service principal) and keys
 - Minimum 6 VNets
 - Minimum 7 VMs with a combined total of 15 vCPUs
- The ability to do the following:
 - Run Cloud Shell with storage setup
 - Read the Active Directory properties and use Azure functions
 - Create an IAM user with contributor, owner, and user access administrator role permissions

*Estimated lab cost/student, following all instructions, is USD \$15/cloud vendor/day. Free trial will not work for some exercises.

Course Objectives

After completing this course, you will be able to:

- Describe best practices when working with cloud deployments
- Use automation tools to deploy cloud resources in AWS and Azure
- Deploy Fortinet solutions to protect IaaS deployments
- Deploy Fortinet solutions to protect CaaS deployments
- Troubleshoot cloud deployment and network connectivity issues
- Use FortiCNP to simplify risk management

Public Cloud Security Architect (FORT-PUBCLOUDSEC)

Training Centres worldwide



Fast Lane Institute for Knowledge Transfer (Switzerland) AG

Husacherstrasse 3
CH-8304 Wallisellen
Tel. +41 44 832 50 80

info@flane.ch, <https://www.flane.ch>