FortiGate Infrastructure (FORT-INFRA)

ID FORT-INFRA   **Price** on request   **Duration** 2 days

This training is provided by our partner Fortinet.

Important notes for the booking of trainings directly provided by Fortinet

If you are unable to attend the training date you have booked (e.g. illness, etc.) or if Fortinet cancels the course, a credit note is not possible under any circumstances. In both cases of cancellation, the validity of your credit remains for 12 months after the order.

For more information, please refer to the **Fortinet Terms and Conditions**.

Who should attend

Networking and security professionals involved in the design, implementation, and administration of a network infrastructure using FortiGate devices should attend this course.

This course assumes knowledge of basic FortiGate fundamentals. You should have a thorough understanding of all the topics covered in the FortiGate Security course before attending the FortiGate Infrastructure course.

Prerequisites

- Knowledge of OSI layers
- Knowledge of firewall concepts in an IPv4 network
- Knowledge of the fundamentals of FortiGate, as presented in FortiGate Security (FORT-SECI)

Course Objectives

After completing this course, you should be able to:

- Analyze a FortiGate route table
- Route packets using policy-based and static routes for multipath and load-balanced deployments
- Divide FortiGate into two or more virtual devices, each operating as an independent FortiGate, by configuring virtual domains (VDOMs)

- Understand the fundamentals and benefits of using ZTNA
- Offer an SSL VPN for secure access to your private network
- Establish an IPsec VPN tunnel between two FortiGate devices
- Implement a meshed or partially redundant VPN
- Diagnose failed IKE exchanges
- Offer Fortinet Single Sign-On (FSSO) access to network services, integrated with Microsoft Active Directory (AD)
- Deploy FortiGate devices as an HA cluster for fault tolerance and high performance
- Diagnose and correct common problems

Course Content

In this course, you will learn how to use the most common FortiGate networking and infrastructure features.

Topics include features commonly applied in complex or larger enterprise or MSSP networks, such as advanced routing, redundant infrastructure, virtual domains (VDOMs), zero trust network access (ZTNA), SSL VPN, site-to-site IPsec VPN, single sign-on (SSO), and diagnostics.

Certification

This course, along with FortiGate Security, is intended to help you prepare for the FortiGate NSE 4 - FortiOS 7.2 exam. This exam is part of the following certification tracks:

- Fortinet Certified Professional - Network Security
- Fortinet Certified Professional - Public Cloud Security
- Fortinet Certified Professional - Security Operations

Please note that this course is being retired, with the exam retiring in July 2024.

Detailed Course Outline

[*] 1. Routing [*] 2. Virtual Domains [*] 3. Fortinet Single Sign-On [*] 4. ZTNA [*] 5. SSL VPN [*] 6. IPsec VPN [*] 7. High Availability [*]

8. Diagnostics [/list]

About Fast Lane

Fast Lane is a global, award-winning specialist in technology and business training as well as consulting services for digital transformation. As the only global partner of the three cloud hyperscalers- Microsoft, AWS and Google- and partner of 30 other leading IT vendors, Fast Lane offers qualification solutions and professional services that can be scaled as needed. More than 4,000 experienced Fast Lane professionals train and advise customers in organizations of all sizes in 90 countries worldwide in the areas of cloud, artificial intelligence, cyber security, software development, wireless and mobility, modern workplace, as well as management and leadership skills, IT and project management.

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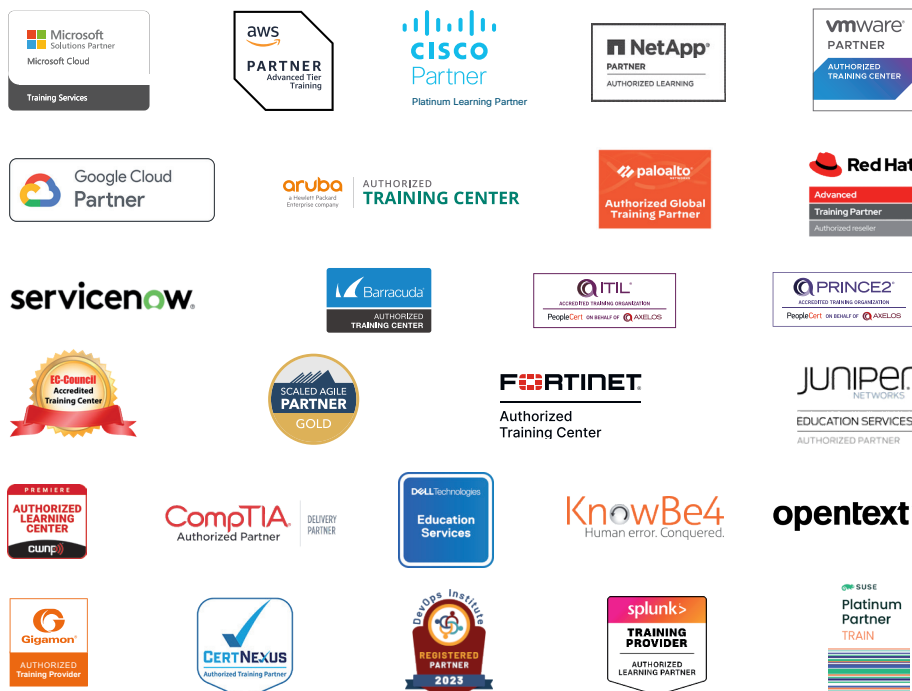
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