



Enterprise Computing Solutions - Education Services

OFERTA FORMATIVA

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Fortinet NSE4 FortiGate Security & FortiGate Infrastructure

CÓDIGO:	DURACIÓN:	Precio:
FNT_NS4	40 Hours (5 días)	A consultar

Description

In this five-day course, you will learn how to use basic FortiGate features, including security profiles and how to use advanced FortiGate networking and security.

In interactive labs, you will explore firewall policies, the Fortinet Security Fabric, user authentication, SSL VPN, and how to protect your network using security profiles, such as IPS, antivirus, web filtering, application control, and more. These administration fundamentals will provide you with a solid understanding of how to implement basic network security.

Topics include features commonly applied in complex or larger enterprise or MSSP networks, such as advanced routing, transparent mode, redundant infrastructure, site-to-site IPsec VPN, single sign-on (SSO), and diagnostics.

Objetivos

- Deploy the appropriate operation mode for your network
- Use the GUI and CLI for administration
- Identify the characteristics of the Fortinet Security Fabric
- Control network access to configured networks using firewall policies
- Apply port forwarding, source NAT, and destination NAT
- Authenticate users using firewall policies
- Understand encryption functions and certificates
- Inspect SSL/TLS-secured traffic to prevent encryption used to bypass security policies
- Configure security profiles to neutralize threats and misuse, including viruses, torrents, and inappropriate websites
- Apply application control techniques to monitor and control network applications that might use standard or non-standard protocols and ports
- Fight hacking and denial of service (DoS)
- Offer an SSL VPN for secure access to your private network
- Collect and interpret log entries
- Analyze a FortiGate route table
- Route packets using policy-based and static routes for multipath and load-balanced deployments
- Configure SD-WAN to load balance traffic between multiple WAN links effectively
- Inspect traffic transparently, forwarding as a Layer 2 device
- Divide FortiGate into two or more virtual devices, each operating as an independent FortiGate, by configuring virtual domains (VDOMs)
- 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

Público

Networking and security professionals involved in the management, configuration, administration, and monitoring of FortiGate devices used to secure their organizations' networks, 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.

Requisitos Previos

- Knowledge of network protocols
- Basic understanding of firewall concepts

Programa

FortiGate Security

1. Introduction and Initial Configuration
2. Security Fabric
3. Firewall Policies
4. Network Address Translation (NAT)
5. Firewall Authentication
6. Logging and Monitoring
7. Certificate Operations
8. Web Filtering
9. Application Control
10. Antivirus
11. Intrusion Prevention and Denial of Service
12. SSL VPN

FortiGate Infrastructure

1. Routing
2. SD-WAN Local Breakout
3. Virtual Domains (VDOMs)
4. Layer 2 Switching
5. IPsec VPN
6. Fortinet Single Sign-On (FSSO)
7. High Availability (HA)
8. High Availability (HA)
9. Diagnostics

Examen y certificación

This course is intended to help you prepare for the NSE 4 certification exam.

Fechas Programadas

A petición. Gracias por [contactarnos](#).

Información Adicional

[Esta formación también está disponible en modalidad presencial. Por favor contáctenos para más información.](#)