



Eduva Tech

FORTINET FIREWALL SYLLABUS

Prepared For :
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Course Outline

NEXT-GENERATION SECURITY PLATFORM AND ARCHITECTURE

- Basic-Terminology
- Identify Malware
- Firewall Technologies
- About Fortinet
- Install FortiGate on VMware Workstation
- Install FortiGate in GNS3
- Install FortiGate on EVE



INTRODUCTION AND INITIAL CONFIGURATION

- FortiGate Dashboard
- Initial Working Lab
- Interfaces
- Zone
- Virtual Wire Pair
- Administrative Access
- DNS Server

ROUTING ON FORTINET FIREWALL

- Addresses Objects
- Services Objects
- Static-Policy-Route
- RIP
- OSPF
- Routing Protocols Redistribution
- BGP Border Gateway Protocol

FIREWALL POLICIES

- Policies
- Policy-Labs-MAC
- Policy-Labs-LocalUser



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NETWORK ADDRESS TRANSLATION (NAT)

- NAT-Basic
- Network Address Translation
- SNAT Lab
- DNAT Lab
- Policy,Source,Overload NAT Lab.
- Policy,Source,One-To-One NAT Lab.
- Policy,Source,Fixed Port Range NAT Lab

SECURITY PROFILE-INTRO

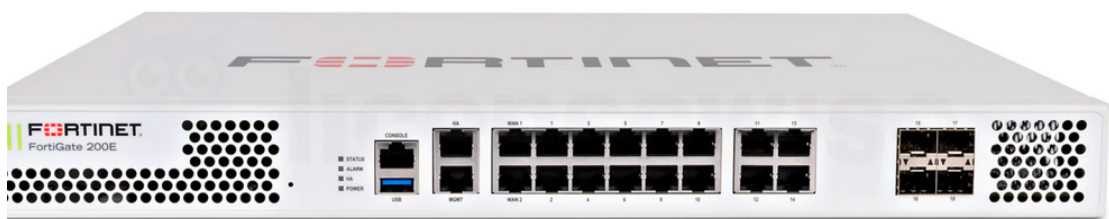
- AV-Security Profiles
- Web Filter Profiles
- DNS Filter Profiles
- Application Control Profiles
- Intrusion Prevention System Profiles
- Inspection Mode
- NGFW Modes

FORTIGATEAD

- FortiGateAD
- Passive Authentication AD

VIRTUAL DOMAINS

- Configure & Verify Virtual Domains (VDOMs).



LAYER 2 FIREWALL

LOGGING AND MONITORING

- SNMP Access-Lab
- Backup and Restore
- Configure Syslog in FortiGate Firewall.

IPSEC VPN

- VPN Concept
- Site2Site-Policy-Based-VPN
- Site-to-Site IPSec Route-Based VPN
- Site-to-Site IPSec VPN Template Lab.

SSL VPN

- Remote Access VPN
- Remote Access SSL VPN Web Portal Theory & Lab.

HIGH AVAILABILITY (HA)

- What is HA
- Active-Passive Lab
- Active-Active Lab



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