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## ***Fortigate Course Outline***

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### **❖ Module#1 Introduction and Initial Configuration**

- ✓ Introduction to Fortinet Products & Certificates
- ✓ Firewall fundamentals and Security Concepts,
- ✓ Install PNET LAB
- ✓ FortiGate Initial Configuration
- ✓ GUI and CLI Overview
- ✓ Administration
- ✓ Firmware upgrade and downgrade
- ✓ Backup and Restore
- ✓ Global Settings
- ✓ Fortigate Modes
- ✓ Fortiguard
- ✓ Feature Visibility
- ✓ Password Policy , retries and lockout time and recovery
- ✓ Process Monitor

### **❖ Module#2 Introduction and Initial Configuration**

- ✓ Interfaces Types
  - VLANs
  - Link Aggregation
  - Redundant Interface
  - Hardware Switch
  - Software Switch
- ✓ Interfaces Roles
  - LAN
  - WAN
  - DMZ
- ✓ DHCP , DHCP Relay
- ✓ Zones
- ✓ Routing
  - Static
  - Dynamic

## ❖ Module#3 Introduction and Initial Configuration

- ✓ Ipv4 Policy
  - Objects
    - Addresses (Subnet, IP Range, FQDN, Geography, MAC)
    - Services
    - Schedule's
    - Action
    - ISD
- ✓ Traffic Shaping Policy
- ✓ NATING
  - Central NAT
  - Policy NAT
    - SNAT
      - Overload
      - One to one
    - DNAT
- ✓ Firewall Authentication Types
  - LDAP
  - FSSO
- ✓ User Authentication
  - Firewall Policy
  - Captive Portal

## ❖ Module#4 Introduction and Initial Configuration

- ✓ Security Profiles
  - Digital Certificates
  - Antivirus
  - Web Filter
  - DNS Filter
  - Application Control

## ❖ Module#5 Introduction and Initial Configuration

- ✓ SD-WAN
- ✓ HV
- ✓ VPN Types
  - SSL VPN
  - IPsec VPN