

Principles of Network Security and FortiGate Configurations

Course 925-101

1 Day – Hands on

Certification:

This course helps to prepare students for the following certification exam:

Fortinet Certified Network and Security Associate (FCNSA)

Prerequisites:

Before attending this course, students should have fundamental knowledge of the following topics:

- TCP/IP
- LAN/WANs
- Routing
- Network security

Objective:

Upon completion of this course you will be able to configure FortiGate devices. You will have gained an understanding of basic security vulnerabilities, as well as security policy design and management. You will understand simple network topology and be able to configure FortiGate devices to fit most SMB environment.

Detailed Outline:

- Introduction to Fortinet Product Line
 - Overview of Fortinet product lines and services
 - How to choose the right product
- Creating Fortigate Firewall Policies
 - Creating Addresses and Address Groups
 - Selecting Interfaces & Zones
 - Specifying Services and Schedules
 - Selecting appropriate firewall actions
 - Testing policy effectiveness
- Fortigate Protection Profiles
 - Overview of Protection Profiles
 - Creating and configuring Protection Profiles
 - Applying Content Scanning and IPS setting to Protection Profiles
 - Applying Protection Profiles to Firewall Policies
- Configuring Content Scanning
 - Antivirus Scanning
 - Detecting Grayware
 - Web Traffic Scanning
 - Spam Detection
- Intrusion Prevention System (IPS)
 - Intrusion Signatures
 - Network Anomalies
- Basic System Maintenance
 - Monitoring System Status
 - Backing up and Restoring System Configurations
 - Scheduling FortiProtect Updates
 - Reporting Bugs