FortiGate® Infrastructure

Duration: 2 Days
Method: Instructor-Led Training (ILT) | Live Online Training

Certification: *Fortinet® NSE 4 Network Security Professional —*
Exam: *Fortinet NSE (Network Security Expert) 4 FortiOS® 6.2*

Course Description

In this course, participants will learn how to use advanced FortiGate networking and security. They will cover topics such as the features commonly applied in a complex or larger enterprise or MSSP networks. These features are:

- Advanced Routing
- Transparent Mode
- Redundant Infrastructure
- Site-to-Site IPsec VPN
- Single Sign-On (SSO)
- Web Proxy
- Diagnostics.
  NOTE: This course is the second part of a two-course series that covers the skills needed to prepare for the certification exam:
- *FortiGate Security*
- *FortiGate Infrastructure (This course)*

Target Audience

This course is intended for:
- Networking and security professionals involved in the design, implementation, and administration of a network infrastructure using FortiGate appliances.

Prerequisites

To attend this course, candidates must have:
- OSI layers.
- Firewall concepts in an IPv4 network.
- FortiGate Fundamentals, as presented in the FortiGate Security course.

Microsoft Partner

Tri7 Business Centre, Unit 7, 7 Ivy Green Crescent, Kingston 5
Tel: 876-978-1107 / 876-978-1486 / 876-927-9455
WhatsApp: 876-978-9353
E-Mail: training@RWTTS.com | **Website:** www.RWTTS.com

Exam Details

Exam Code:	• Fortinet NSE 4 - FGT 6.2
Length of Exam:	• 2 Hrs.
Number of Questions:	• 70
Passing Score:	• 60%
Question Format:	• Multiple Choice and Multiple Select

Course Objectives

Upon successful completion of this course, attendees will be able to:

- Analyse a FortiGate's route table.
- Route packets using policy-based and static routes for multi-path 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 appliances.
- Compare policy-based to route-based IPsec VPN.
- 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®.
- Deploy FortiGate devices as an HA cluster for fault tolerance and high performance.
- Deploy implicit and explicit proxy with firewall policies, authentication, and caching.
- Diagnose and correct common problems.

Tri7 Business Centre, Unit 7, 7 Ivy Green Crescent, Kingston 5
Tel: 876-978-1107 / 876-978-1486 / 876-927-9455
WhatsApp: 876-978-9353
E-Mail: training@RWTTS.com | **Website:** www.RWTTS.com

Microsoft Partner

Course Topics

Routing

Software-Defined WAN (SD-WAN)

Layer 2 Switching

Virtual Domains

Site-to-Site IPsec VPN

Fortinet Single Sign-On (FSSO)

High Availability (HA)

Web Proxy

Diagnostics

LABS INCLUDED

Tri7 Business Centre, Unit 7, 7 Ivy Green Crescent, Kingston 5
Tel: 876-978-1107 / 876-978-1486 / 876-927-9455
WhatsApp: 876-978-9353
E-Mail: training@RWTTS.com | **Website:** www.RWTTS.com

Microsoft Partner