

FORTINET NSE Training Institute

FortiGate 6000 Series

In this advanced, hands-on, 2-day class, you will learn about the key features of session-aware load balance cluster (SLBC) and the FortiGate 6000 appliance-based firewall series. Topics include product architecture, as well as system configuration, troubleshooting, and monitoring.

Product Version

- FortiOS 6.0

Formats

- Instructor-led classroom
- Instructor-led online
- Self-paced online

Agenda

1. Introduction to SLBC and the FortiGate 6000 Series
2. Management and Basic Setup
3. Traffic Flow and Load Balancing
4. High Availability
5. Virtual Domains and Operation Modes
6. SSL VPN and IPsec VPN
7. Firewall Authentication
8. FortiManager and FortiAnalyzer Integration
9. Troubleshooting

Objectives

After completing this course, you should be able to:

- Describe the SLBC architecture and key components
- Understand the FortiGate 6000 appliance-based solution and architecture, and identify key differences with other SLBC products
- Identify and configure the management options available, including out-of-band and in-band methods
- Explore the SLBC management interface
- Understand packet flow, session creation, and the different load balancing methods
- Understand and configure supported high availability (HA) modes
- Identify key differences in NAT and transparent mode operation when compared to regular FortiGate devices
- Deploy SSL VPN and IPsec VPN
- Identify key differences in firewall authentication when compared to regular FortiGate devices
- Integrate the chassis with FortiManager and FortiAnalyzer
- Troubleshoot issues related to the FortiGate 6000 series appliance

Who Should Attend

Networking and security professionals involved in the management, configuration, administration, and monitoring of FortiGate 6000 series devices should attend this course.

This course is focused on describing the unique features in a FortiGate 6000 appliance. For this reason, this course assumes knowledge of FortiGate, FortiManager, and FortiAnalyzer fundamentals. You should have a thorough understanding of all the topics covered in the *FortiGate Security* and *FortiGate Infrastructure* courses, before attending the this course.

Prerequisites

- Knowledge of firewall concepts in an IPv4 network
- Knowledge of the fundamentals of FortiGate, as presented in the *FortiGate Security* and *FortiGate Infrastructure* courses

System Requirements

If you take the online format of this class, you must use a computer that has the following:

- A high-speed internet connection
- An up-to-date web browser
- A PDF viewer
- Windows RDP client or equivalent
- Speakers or headphones
- One of the following:
 - HTML5 support
 - An up-to-date Java Runtime Environment (JRE) with Java Plugin enabled in your web browser

You should use a wired Ethernet connection, *not* a Wi-Fi connection. Firewalls, including Windows Firewall or FortiClient, must allow connections to the online labs.

Certification

This course does not have a certification exam.