In this course, you will learn how to configure and administer the most commonly used features of FortiADC. You will explore Layer 4 and Layer 7 server load balancing, link load balancing, global load balancing, high availability (HA), firewall policies, advanced routing, and more.

Product Version
FortiADC 6.2

Course Duration
- Lecture time (estimated): 6 hours
- Lab time (estimated): 6 hours
- Total course duration (estimated): 12 hours/2 days

Who Should Attend
Anyone who is responsible for day-to-day management of a FortiADC VM or hardware device.

Certification
This course is intended to help participants prepare for the NSE 6 FortiADC certification exam.
Prerequisites

- TCP/IP networking experience
- Basic understanding of web applications

Agenda

1. Introduction and Initial Configuration
2. Virtual Servers and Load Balancing
3. Advanced Server Load Balancing
4. Link Load Balancing and Advanced Networking
5. Global Load Balancing
6. Security
7. Advanced Configurations
8. Monitoring, Troubleshooting, and System Maintenance

Objectives

After completing this course, you should be able to:

- Describe the advanced load balancing features of FortiADC VM or hardware platforms
- Deploy FortiADC
- Intelligently distribute traffic among multiple servers based on the content of the TCP or HTTP layer
- Automatically route the traffic to another server if a problem is detected
- Load balance inbound and outbound traffic among multiple redundant Internet uplinks
- Distribute traffic among data centers in two different geographical locations
- Improve performance by offloading compression and encryption/decryption of SSL/TLS traffic to FortiADC
- Protect your servers from connection attempts coming from malicious IP addresses
- Implement HA for failover protection
- Harden the network by using security features on FortiADC
- Leverage the REST API

Training Delivery Options and SKUs

Instructor-Led Training

Includes standard NSE training content delivered in person onsite, or live online using a virtual classroom application. Training is delivered within public classes or as a private class. Private requests are scoped, quoted, developed, and delivered by Fortinet Training (minimum quantities apply).

Use the following ILT Training SKU to purchase scheduled public classes of this course through Fortinet Resellers or Authorized Training Partners:

FT-FAD

Self-Paced Training

Includes online training videos and resources through the NSE Training Institute library, free of charge.

You can purchase on-demand lab access with interactive, hands-on activities using a purchase order (PO) through Fortinet Resellers or Authorized Training Partners.

After you complete the purchase, you receive lab access and the accompanying lab guide within the self-paced course.

Use the following on-demand lab training SKU to purchase lab access using a PO:

FT-FAD-LAB

See Purchasing Process for more information about purchasing Fortinet training products.

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- CPE training hours: 6
- CPE lab hours: 6
- CISSP domains: Communication and Network Security

Program Policies and FAQs

For questions about courses, certification, or training products, refer to Program Policy Guidelines or Frequently Asked Questions.