Training Course:
F5 Load Balancer

21 September - 2 October 2025
Dubai (UAE)
Residence Inn by Marriott Sheikh Zayed Road, Dubai

Training Course:
F5 Load Balancer

Training Course code: MI234741 From: 21 September - 2 October 2025 Venue: Dubai (UAE) - Residence Inn by Marriott Sheikh Zayed Road, Dubai Training Course Fees: 7700 Ⅱ Euro

Introduction

This F5 Load Balancer Training course is designed to give participants the required knowledge to design, install, manage and troubleshoot any problems in the F5 infrastructure. Also, this training offers you a comprehensive job-oriented f5 LTM training and equips you with the right skills to handle real-world challenges
Dive deep into designing, deploying, administrating, and troubleshooting the F5 LTM infrastructure. Learn about the features and functions of BIG-IP F5. Learn to deliver applications to your users with end-to-end encryption in a secure, reliable, and optimized way since it is an Application Delivery Controller. Become proficient in application traffic management with the F5 LTM course.

Course Objectives

After this Load balancer training you become a master in the below areas:

- Installation & Initial Access

- Licensing and the setup utility

- Load Balancing

- Configuring Virtual Servers and Pools

- Profiles Types, Settings and Dependencies

- NATs & SNATs, iRules

- Installation of a Redundant Pair

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- Maintaining BIG-IP LTM

Target Audience of F5 Load Balancer

- Network Engineers

- Security Engineers

- Beginners aspiring to learn F5 infrastructure

- Network Operators

- Application Security Engineers

- Architects

Course Outlines

Day 1

Setting Up the BIG-IP System

- Introducing the BIG-IP System
- Initially Setting Up the BIG-IP System
- Backing Up and Restoring BIG-IP Configurations
- Leveraging F5 Support Resources and Tools
- BIG-IP System Setup Labs

Day 2

Review and Lab Project

- BIG-IP Concepts
- Command Line Configuration
- BIG-IP Configuration Files
- Archive Files

Day 3

Load Balancing

- Static vs. Dynamic Load Balancing
- Least Connections
- Fastest
- Weighted Least Connections
- Observed
- Predictive
- Dynamic Ratio

Day 4

Persistence

- Persistence Concepts
- Persistence Revisited
- Persistence Options
- Other types of Persistence

Day 5

Monitors

- Monitor Configuration and Review
- Monitor Assignment
- Monitor Status Reporting
- Scripted Monitors
- Configuring Monitors
- Other Monitor Options

Day 6

Virtual Servers

- Forwarding Virtual Servers
- Network Virtual Servers
- Virtual Server Order of Precedence
- Path Load Balancing
- Auto Last Hop

Day 7

SNATs

- SNATs Revisited
- SNAT Automap

- SNAT Pools

- SNATs as Listeners

- SNAT Specificity

- VIP Bounceback

- Additional SNAT Options

- Network Packet Processing

Day 8

Configuring High Availability

- Sync-Failover Group Concepts

- Synchronization, State and Failover

- Traffic Group Concepts

- N+1 Concepts

Day 9

Configuring High Availability Part 2

- Failover Triggers and Detection

- VLAN Failsafe

- Stateful Failover

- Connection Mirroring

- Persistence Mirroring

- Device Group Communication

- N+1 Availability

- Sync-Only Device Groups

Day 10

Profiles

- Profiles Review

- Common Protocol Profile Types and Settings

- TCP Express Optimization

- Performance Improvements

- Configuring and Using Profiles

- HTTP Profile Options

- OneConnect

- HTTP Compression

- HTTP Caching

- Stream Profiles

- F5 Acceleration Technologies

- Analytics

- Priority Group Activation

- Fallback Host

- Load Balancing: Member vs. Node

Registration form on the Training Course:
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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

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Full Name (Mr / Ms / Dr / Eng): ....
Position: ....
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Personal E-Mail: ....
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Company Information

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Person Responsible for Training and Development

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Payment Method

☐ Please find enclosed a cheque made payable to Global Horizon

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