

F5 Configuring BIG-IP Local Traffic Manager (LTM)

Duration: 3 Days

Prerequisites:

Students are required to complete one of the following F5 prerequisites before attending this course: Administering BIG-IP instructor-led course

Course Description:

This course gives network professionals a functional understanding of F5 BIG-IP Local Traffic Manager, introducing students to both commonly used and advanced F5 BIG-IP LTM features and functionality. Incorporating lectures, extensive hands-on labs, and classroom discussions, the course helps students build the well-rounded skill set needed to manage F5 BIG-IP LTM systems as part of a flexible and high-performance application delivery network. The F5 ltm eḡitimi (load balancing training) provides an excellent way to learn about managing traffic loads.

Course Objectives:

- BIG-IP initial setup (licensing, provisioning, and network configuration)
- A review of F5 BIG-IP local traffic configuration objects
- Using dynamic load balancing methods
- Modifying traffic behavior with persistence (including SSL, SIP, universal, and destination address affinity persistence)
- Monitoring application health with Layer 3, Layer 4, and Layer 7 monitors (including transparent, scripted, and external monitors)
- Processing traffic with virtual servers (including network, forwarding, and reject virtual servers)
- Processing traffic with SNATs (including SNAT pools and SNATs as listeners)
- Modifying traffic behavior with profiles (including TCP profiles, advanced HTTP profile options, caching, compression, and OneConnect profiles)

- Advanced BIG-IP LTM configuration options (including VLAN tagging and trunking, SNMP features, packet filters, and route domains)
- Customizing application delivery with iRules and local traffic policies
- Securing application delivery using F5 BIG-IP LTM

Intended Audience:

This course is intended for system and network administrators responsible for the installation, setup, configuration, and administration of the BIG-IP LTM system.

Course Outlines:

- Chapter 1: Setting Up the BIG-IP System
- Chapter 2: Reviewing Local Traffic Configuration
- Chapter 3: Load Balancing Traffic with LTM
- Chapter 4: Modifying Traffic Behavior with Persistence
- Chapter 5: Monitoring Application Health
- Chapter 6: Processing Traffic with Virtual Servers
- Chapter 7: Processing Traffic with SNATs
- Chapter 8: Modifying Traffic Behavior with Profiles
- Chapter 9: Selected Topics
- Chapter 10: Customizing Application Delivery with iRules
- Chapter 11: Customizing Application Delivery with Local Traffic Policies
- Chapter 12: Securing Application Delivery with LTM
- Chapter 13: Final Lab Project

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