

Administering BIG-IP and Configuring BIG-IP LTM

Local Traffic Manager Bundle

Attend both the F5 Administering BIG-IP and Configuring BIG-IP LTM: Local Traffic Manager courses in the same week!

This Administering BIG-IP course gives network administrators, network operators, and network engineers a functional understanding of the BIG-IP system as it is commonly deployed in an application delivery network. The course introduces students to the BIG-IP system, its configuration objects, how it processes traffic, and how typical administrative and operational activities are performed. The course includes lecture, hands-on labs, interactive demonstrations, and discussions.

This Configuring BIG-IP LTM course gives network professionals a functional understanding of BIG-IP Local Traffic Manager, introducing students to both commonly used and advanced BIG-IP LTM features and functionality. Incorporating lecture, extensive hands-on labs, and classroom discussion, the course helps students build the well-rounded skill set needed to manage BIG-IP LTM systems as part of a flexible and high performance application delivery network.

Kursinhalt

- Getting started with the BIG-IP system
- Traffic processing with BIG-IP Local Traffic Manager (LTM)
- Using TMSH (TMOS Shell) command line interface
- Using NATs and SNATs
- Monitoring application health and managing object status
- Modifying traffic behavior with profiles, including SSL offload and re-encryption
- Modifying traffic behavior with persistence, including source address affinity and cookie persistence
- Troubleshooting the BIG-IP system, including logging (local, high-speed, and legacy remote logging), and using TCPDUMP
- User roles and administrative partitions
- vCMP concepts
- Configuring high availability (including active/standby and connection and persistence mirroring)
- BIG-IP initial setup (licensing, provisioning, and network configuration)
- A review of 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 BIG-IP LTM

Jeder Teilnehmer erhält die englischsprachigen Original-Unterlagen von F5 Networks in elektronischer Form.

Zielgruppe

This course is intended for system and network administrators, operators, and engineers responsible for managing the normal day-to-day operation and administration of a BIG-IP application delivery network, and installation, setup, configuration, and administration of the BIG-IP LTM system.

Voraussetzungen

The following free web-based training courses, although optional, will be very helpful for any student with limited BIG-IP administration and configuration experience.

These courses are available at F5 University:

- Getting Started with BIG-IP
- Getting Started with BIG-IP Local Traffic Manager (LTM) web-based training

The following general network technology knowledge and experience are recommended before attending any F5 Global Training Services instructor-led course:

- OSI model encapsulation
- Routing and switching
- Ethernet and ARP
- TCP/IP concepts
- IP addressing and subnetting
- NAT and private IP addressing
- Default gateway
- Network firewalls
- LAN vs. WAN

The following course-specific knowledge and experience is suggested before attending this course:

- Web application delivery
- HTTP, HTTPS, FTP and SSH protocols
- TLS/SSL

Kursziel

Test and Certification:

Administering BIG-IP - Exam 201 - TMOS Administration

Prerequisite: Valid passing score on Exam 101 or valid F5-CTP, Sales Certification

View Exam 201 study materials on AskF5

Configuring BIG-IP LTM: Local Traffic Manager - Exam 301a - BIG-IP LTM Specialist: Architect, Set-up, Deploy

Prerequisites: Valid F5-CA, BIG-IP Certification

View Exam 301a study materials on AskF5

Exam 301b - BIG-IP LTM Specialist: Maintain and Troubleshoot

Prerequisites: Valid F5-CA, BIG-IP Certification, valid passing score on Exam 301a

View Exam 301b study materials on AskF5

Stand 25.02.2024

Dieser Kurs im Web



Alle tagesaktuellen Informationen und Möglichkeiten zur Bestellung finden Sie unter dem folgenden Link: www.experteach.ch/go/FACL

Vormerkung

Sie können auf unserer Website einen Platz kostenlos und unverbindlich für 7 Tage reservieren. Dies geht auch telefonisch unter 06074 4868-0.

Garantierte Kurstermine

Für Ihre Planungssicherheit bieten wir stets eine große Auswahl garantierter Kurstermine an.

Ihr Kurs maßgeschneidert

Diesen Kurs können wir für Ihr Projekt exakt an Ihre Anforderungen anpassen.

Training		Preise zzgl. MwSt.	
Termine in der Schweiz		5 Tage	
Online Training		5 Tage	CHF 4.510,-
Termin/Kursort		Kursprache Englisch	
22.04.-26.04.24	<input type="checkbox"/> Online	09.09.-13.09.24	<input type="checkbox"/> Online
10.06.-14.06.24	<input type="checkbox"/> Online	18.11.-22.11.24	<input type="checkbox"/> Online



Unser Trainingsangebot für Sie:



Classroom Training

Das Live-Trainingserlebnis in unseren Training Centern oder bei Ihnen vor Ort.



Online Training

Nehmen Sie online am Kurs teil – ohne Reise- und Hotelaufwände.



Hybrid Training

Classroom & online in einem Kurs – Sie wählen, wie Sie teilnehmen möchten.



Inhouse-Schulungen

Für Ihr Projekt erstellen wir genau passende Trainingskonzepte.



Garantierte Kurstermine

Die ExperTeach Garantietermine geben Ihnen Sicherheit für Ihre Planung.

Auszeichnungen für ExperTeach



ExperTeach AG

Kronenstrasse 11 · 8735 St. Gallenkappel · Telefon: +41 55 420 2591 · Fax: +41 55 420 2592 · info@experteach.ch · www.experteach.ch