Fast Lane

Administering BIG-IP (TRG-BIG-OP-ADMIN)

ID TRG-BIG-OP-ADMIN **Preis** US $ 2'300.– (exkl. MwSt.) **Dauer** 2 Tage

Zielgruppe

This course is intended for network administrators, operators, and engineers responsible for managing the normal day-to-day operation and administration of a BIG-IP application delivery network. This course presents the prerequisite knowledge for many other of F5's BIG-IP instructor-led training courses.

Voraussetzungen

The following general network technology knowledge and experience are required 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
-

Kursziele

This 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.

Topics:

- Getting started with the BIG-IP system
- Traffic processing with BIG-IP Local Traffic Manager (LTM)
- Using the Traffic Management Shell (tmsh) 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
- Always-On Management (AOM)
- User roles and administrative partitions
- vCMP concepts
- Customizing application delivery with iRules

Kursinhalt

- Chapter 1: Setting Up the BIG-IP System
- Chapter 2: Traffic Processing Building Blocks
- Chapter 3: Using NATs and SNATs
- Chapter 4: Monitoring Application Health
- Chapter 5: Modifying Traffic Behavior with Profiles
- Chapter 6: Modifying Traffic Behavior with Persistence
- Chapter 7: Troubleshooting the BIG-IP System
- Chapter 8: Administering the BIG-IP System
- Chapter 9: Customizing Application Delivery with iRules
- Chapter 10: Additional Training and Certification

Weltweite Trainingscenter

Fast Lane Institute for Knowledge Transfer (Switzerland) AG

Husacherstrasse 3
CH-8304 Wallisellen
Tel. +41 44 832 50 80

info@flane.ch, https://www.flane.ch