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Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Configuring BIG-IP LTM: Local Traffic Manager 16.1

CODE:	LENGTH:	PRICE:
F5N_BIG-LTM-CFG-3	24 Hours (3 dage)	kr 16,050.00

Description

This 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.
  Major Course Changes since v14.1
A new chapter covering securing application delivery using LTM features (such as SYN check, eviction policies, iRules and Local Traffic Policies) is now available. The *Configuring and Managing a High Availability Deployment* chapter is no longer included in this class (now available in the Administering BIG-IP course).

Objectives

•Back up the BIG-IP system configuration for safekeeping
•Configure virtual servers, pools, monitors, profiles, and persistence objects
•Test and verify application delivery through the BIG-IP system using local traffic statistics
•Configure priority group activation on a load balancing pool to allow servers to be activated only as needed to process traffic
•Compare and contrast member-based and node-based dynamic load balancing methods
•Configure connection limits to place a threshold on traffic volume to particular pool members and nodes
•Differentiate between cookie, SSL, SIP, universal, and destination address affinity persistence, and describe use cases for each
•Describe the three Match Across Services persistence options and use cases for each
•Configure health monitors to appropriately monitor application delivery through a BIG-IP system
•Configure different types of virtual services to support different types of traffic processing through a BIG-IP system
•Configure different types of SNATs to support routing of traffic through a BIG-IP system
•Configure VLAN tagging and trunking
•Restrict administrative and application traffic through the BIG-IP system using packet filters, port lockdown, and virtual server settings
•Configure SNMP alerts and traps in support of remote monitoring of the BIG-IP system
•Use an F5-supplied iApp template to deploy and manage a website application service
•Use iRules and local traffic policies appropriately to customize application delivery through the BIG-IP system
•Configure the BIG-IP to detect and mitigate some common attacks at the network and application layers using LTM features such as SYN check, eviction policies, iRules and Local Traffic Policies

Audience

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

Prerequisites

Students must complete one of the following F5 prerequisites before attending this course:
Administering BIG-IP instructor-led course
F5 Certified BIG-IP Administrator
The following free web-based 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 web-based training
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

Session Dates

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
11 Dec 2024	Virtual Classroom (CET / UTC +1)	CET	English	Instructor Led Online		kr 16,050.00
05 Feb 2025	Virtual Classroom (CET / UTC +1)	CET	English	Instructor Led Online		kr 16,050.00
09 Apr 2025	Virtual Classroom (CET / UTC +1)	CEDT	English	Instructor Led Online		kr 16,050.00
11 Jun 2025	Virtual Classroom (CET / UTC +1)	CEDT	English	Instructor Led Online		kr 16,050.00

Yderligere Information

Denne træning er også tilgængelig som træning på stedet. Kontakt os for at finde ud af mere.