



Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Configuring BIG-IQ v.7.1

CODE:	LENGTH:	PRICE:
F5N_BIG-CFG	16 Hours (2 days)	€1,795.00

Description

This course uses lectures and hands-on exercises to give participants real-time experience in configuring and using the BIG-IQ® product.

Students are introduced to BIG-IQ, its interface, and its various functionality. We first look at administering and operating the BIG-IQ system itself, then detail how it is used to remotely manage BIG-IP devices running BIG-IP Local Traffic Manager (LTM).

We then look at configuring a BIG-IQ Data Collection Device (DCD) system and see how it is used for the remote storage and examination of BIG-IP log events and statistics.

Objectives

- The installation and setup of the BIG-IQ system
- An overview of the BIG-IQ product set and its approach to managing BIG-IP devices.
- Administering the BIG-IQ system and its facilities
- Managing BIG-IP LTM devices through their discovery and the subsequent central control and deployment of product objects used on these devices
- BIG-IQ and managed BIG-IP device troubleshooting steps
- BIG-IQ and managed BIG-IP device monitoring and reporting facilities
- The installation and setup of a BIG-IQ Data Collection Device (DCD)
- Logging and examining BIG-IP LTM events via the BIG-IQ DCD

Audience

This course is intended for system and network administrators or operators responsible for the installation, setup, configuration, and administration of the BIG-IQ system or management of BIG-IP devices and F5 products running on those devices.

Prerequisites

Students are required to complete one of the following F5 prerequisites before attending this course:

? Administering BIG-IP instructor-led course

or

? 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(<http://university.f5.com>):

? Getting Started with BIG-IP ? Getting Started with BIG-IP Local Traffic Manager (LTM)

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

Programme

Setting Up the BIG-IQ System BIG-IQ Overview

- ? BIG-IQ Centralized Management
 - ? BIG-IQ Components
 - ? BIG-IQ Core Functionality
 - ? REST
 - ? BIG-IQ Data Collection Device
 - ? BIG-IP Cloud Edition Administering the BIG-IQ System
 - ? Controlling Access to the BIG-IQ
 - ? Creating, Authenticating, Configuring Users
 - ? Backups
 - ? Local Host Settings
 - ? Configuring DNS, NTP, and SMTP
 - ? Monitoring BIG-IQ, DCD, and BIG-IP Events with Alerts
 - ? Monitoring BIG-IQ with iHealth
 - ? Post Installation Issues; Licensing, Changing Management IP, Master Key, Restoring Backups **Managing BIG-IP LTM Devices**
 - ? BIG-IP LTM Device Discovery
 - ? BIG-IP Device Backup
 - ? Deploying to BIG-IP Devices
 - ? Deployment and Deployment Logs
 - ? Configuration Snapshots
 - ? Managing BIG-IP Certificates
 - ? Managing BIG-IP Licenses
 - ? Monitoring BIG-IP Devices with iHealth
 - ? Management of QKView Reports from Managed BIG-IP Devices **Setting Up the BIG-IQ Data Collection Device**
- SELECT FROM THE FOLLOWING COURSE TOPICS BASED ON THE ALLOTTED TIME
- ? Custom Role Types and Groups
 - ? Managing BIG-IP Devices using Application Templates
 - ? Managing BIG-IP ASM
 - ? Managing BIG-IP AFM
 - ? Managing BIG-IP AFM DoS
 - ? Managing BIG-IP APM
 - ? Managing BIG-IP DNS
 - ? Monitoring BIG-IP DSC
 - ? Administering BIG-IQ High

Session Dates

On request. Please [contact us](#)

Additional Information

[This training is also available as onsite training. Please contact us to find out more.](#)