



**Enterprise Computing Solutions - Education Services**

## **TRAINING OFFERING**

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## Configuring BIG-IQ v.7.1 (Supports v.15.1 BIG-IP)

CODE:	LENGTH:	PRICE:
F5N_BIG-CFG	16 Hours (2 days)	£1,850.00

### Description

Learn how to deploy and operate BIG-IQ to centrally manage BIG-IP devices. Using a mix of lectures and hands-on lab exercises, gain real-time experience in first setting up and administering the BIG-IQ and BIG-IQ Data Collection Device (DCD) systems, examining the BIG-IQ approach to managing BIG-IP devices, then using it to discover and take remote management control of these devices and their associated BIG-IP LTM product modules. Along the way, learn about software deployment, backup and restore, DNS, NTP, and SMTP configurations, editing and deployment of LTM network traffic passing objects, and central monitoring and reporting. Lastly, delve into other system configurations, like building a BIG-IQ High Availability (HA) pair and managing multiple BIG-IP devices configured in a cluster.

### Audience

The course is for system and network administrators responsible for the installation, setup, configuration, and administration of the BIG-IQ system. Or, it can be undertaken by operators who require some knowledge of how the systems are setup, but usually concentrate on performing particular operational tasks whether on BIG-IQ or via BIG-IQ on the managed BIG-IP devices.

### Prerequisites

Students must complete one of the following F5 prerequisites before attending this course:

- Administering BIG-IP (ILT)
- F5 Certified BIG-IP Administrator

Suggested Pework

The following free Self-Directed Training (SDT) courses, although optional, are helpful for any student with limited BIG-IP administration and configuration experience:

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

General network technology knowledge and experience are recommended before attending any F5 Global Training Services instructor-led course, including OSI model encapsulation, routing and switching, Ethernet and ARP, TCP/IP concepts, IP addressing and subnetting, NAT and private IP addressing, NAT and private IP addressing, default gateway, network firewalls, and LAN vs. WAN.

### Programme

- BIG-IQ Centralized Management
- BIG-IQ Approach
- BIG-IQ Core Functionality
- REST API
- BIG-IQ Data Collection Device (DCD)
- BIG-IP Cloud Edition (CE)
- Setting Up the BIG-IQ System Administering the BIG-IQ System
- Controlling Access to the BIG-IQ
- Creating, Authenticating, Configuring Users and their Roles
- System Backups
- Configuring DNS, NTP, and SMTP
- Monitoring the BIG-IQ, DCD, and BIG-IP events and 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, Various Methods and Logs
- BIG-IQ 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
- Custom Role Types and Groups
- Setting up User Accounts with custom roles and privileges
- Managing BIG-IP DSC
- Discovery and management of BIG-IP Device Clusters (DSC) with BIG-IQ
- Administering BIG-IQ High Availability

BIG-IQ Overview • Configuration and management of BIG-IQ systems in a High Availability pair

## Session Dates

On request. Please [Contact Us](#)

## Additional Information

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