Configuring BIG-IQ

Category: Networking & Security | **Vendor:** F5

Duration: 16.00 hours (2 days) **13.0 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

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 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.

About This Course

BIG-IQ Overview

- 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

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

Who Should Attend

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 & Entry Requirements

General Prerequisites:

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

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

-or-

- F5 Certified BIG-IP Administrator

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)

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

Learning Outcomes

Upon successful completion of this course, participants will be able to:

- Perform an initial setup, license, and provision of a BIG-IQ system
- Administer and monitor the BIG-IQ system
- Manage BIG-IP LTM devices using BIG-IQ
- Create, deploy, monitor, and report on BIG-IQ configuration changes
- Create, deploy, monitor, and report on managed BIG-IP device configuration changes
- Undertake various troubleshooting of the BIG-IQ functionality
- Perform an initial setup, license, and provision of a BIG-IQ Data Collection Device (DCD)
- Configure a BIG-IQ to use a BIG-IQ DCD and examine BIG-IP analytical data

Skills You Will Learn:

- Perform an initial setup, license, and provision of a BIG-IQ system
- Administer and monitor the BIG-IQ system
- Manage BIG-IP LTM devices using BIG-IQ
- Create, deploy, monitor, and report on BIG-IQ configuration changes
- Create, deploy, monitor, and report on managed BIG-IP device configuration changes
- Undertake various troubleshooting of the BIG-IQ functionality
- Perform an initial setup, license, and provision of a BIG-IQ Data Collection Device (DCD)
- Configure a BIG-IQ to use a BIG-IQ DCD and examine BIG-IP analytical data

Frequently Asked Questions

Q: What delivery options are available for Configuring BIG-IQ?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 2-day Configuring BIG-IQ course provides up to 13.0 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Configuring BIG-IQ training?

The training takes place over 2 day(s), with each day lasting approximately 16.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Configuring BIG-IQ?

Yes, we provide corporate training, dedicated training, and closed classes for Configuring BIG-IQ. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: Configuring BIG-IQ, F5 Networks, TRG-BIQ-CFG

Q: Why choose Nexus Human for Configuring BIG-IQ?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Configuring BIG-IQ training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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