Configuring BIG-IQ (TRG-BIQ-CFG)

ID TRG-BIQ-CFG **Price** US $ 2,640.—(excl. VAT) **Duration** 2 days

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

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

Course Objectives

- 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

Course Content

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

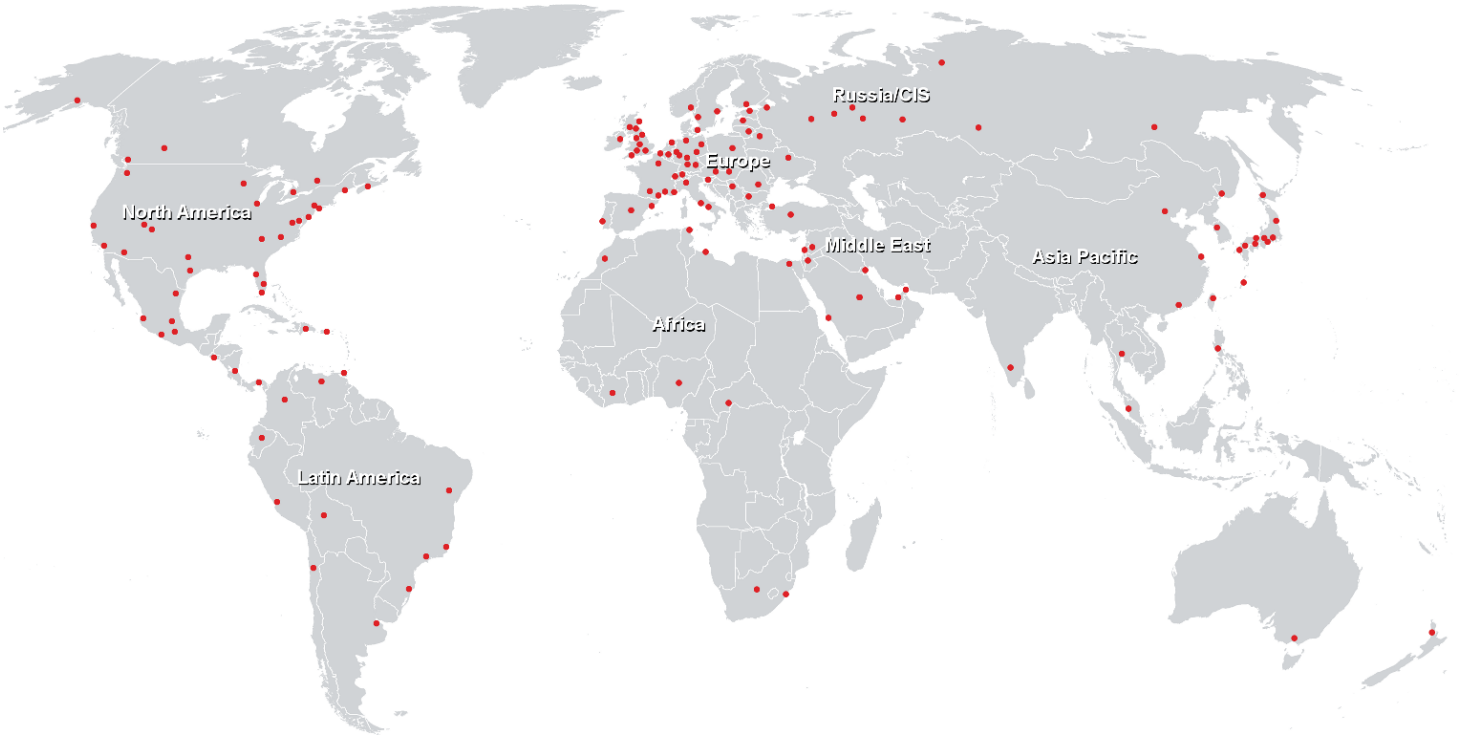
Administering the BIG-IQ System

- 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

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Training Centres worldwide





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