KOENIG
step forward

KOENIG SOLUTIONS · COURSE OUTLINE

Configuring BIG-IQ

Learn to deploy, administer and manage BIG-IQ for centralized control and monitoring of BIG-IP devices.

2
MODULES

26
TOPICS

COURSE OVERVIEW

This course covers the BIG-IQ centralized management approach, its core functionality, REST API, Data Collection Device, and integration with BIG-IP Cloud Edition, along with initial system setup. It then addresses administering the BIG-IQ system, including access control, user roles, backups, DNS, NTP and SMTP configuration, and monitoring of BIG-IQ, DCD and BIG-IP events through alerts and iHealth. It also covers managing BIG-IP LTM devices, such as discovery, backups, deployment methods, certificates, licenses and QKView reports, as well as configuring custom roles, managing BIG-IP device clusters (DSC), and setting up BIG-IQ High Availability.

WHO THIS COURSE IS FOR

- **Network Administrators**
- **System Administrators**
- **BIG-IP Administrators**
- **Network Engineers**
- **Security Engineers**

LEARNING OBJECTIVES

- Explain the BIG-IQ centralized management approach and core functionality
- Describe the role of the REST API and Data Collection Device
- Configure initial setup of the BIG-IQ system
- Apply access control and user role configuration on BIG-IQ
- Configure DNS, NTP and SMTP settings for BIG-IQ
- Monitor BIG-IQ, DCD and BIG-IP events using alerts and iHealth
- Manage BIG-IP LTM devices including discovery, backup and deployment
- Configure BIG-IQ High Availability and manage BIG-IP device clusters

COURSE SYLLABUS

2 Modules, 26 Topics

01

BIG-IQ Overview

TOPICS

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

02

Administering the BIG-IQ System

TOPICS

- 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

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

FLEXIBLE DELIVERY

Learn the Way That Suits You

Classroom Training | Live Online Classes (ILO) | Fly-Me-A-Trainer (FMAT) | Flexi (Self-Paced) | 1-on-1 Training

Ready to Get Started?

Talk to a learning advisor about schedules, group training and customised delivery.

Visit koenig-solutions.com | info@koenig-solutions.com