**Enterprise Computing Solutions - Education Services**

# TRAINING OFFERING

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# Configuring BIG-IQ v14

| CODE: | LENGTH: | PRICE: |
|---|---|---|
| F5N_BIG-CFG | 16 Hours (2 days) | CHf2,890.00 |

## Description

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

The course is divided into two parts. Part 1 covers topics for administering BIG-IQ in order to manage BIG-IP devices. Part 2 covers topics related to managing BIG-IP product modules with BIG-IQ. Select individual topics based on your particular interest and class requirements. Note: Not all topics in Part 2 may be selected for the same scheduled class as there is not enough time to cover all topics in 2 days.

## Audience

- 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)
- Create custom roles to manage BIG-IP configuration objects at a more granular level
- Prepare and deploy BIG-IP applications based on custom templates
- Manage BIG-IP ASM devices using BIG-IQ
- Create, deploy, monitor and report on BIG-IP ASM Application Security Policies
- Redirect and examine ASM events via the BIG-IQ DCD facility
- Manage BIG-IP AFM devices using BIG-IQ
- Create, deploy, monitor and report on BIG-IP AFM network firewall configurations
- Configure and deploy BIG-IP AFM DoS configurations
- Manage BIG-IP DNS devices using BIG-IQ
- Detect, monitor, and report on BIG-IP DNS objects
- Remotely manage and monitor BIG-IP devices configured in a cluster
- Configure and de-configure BIG-IQ systems in a High Availability pair

## Prerequisites

This course covers how to manage BIG-IP and its associated products using BIG-IQ. It is expected that students have a working knowledge of the BIG-IP products managed through BIG-IQ before attending this class.

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

- Administering BIG-IP (instructor-led course)
- 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)
- Getting Started with BIG-IP Application Security Manager (ASM)
- Getting Started with BIG-IP Advanced Firewall Manager (AFM)
- Getting Started with BIG-IP DNS (formerly GTM)

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

The following course-specific knowledge and experience are suggested before attending this course:

- HTTP and DNS protocols

## Programme

- 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 Devices using Application Templates
- 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
- Select from the following 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 DNS
  - Managing BIG-IP DSC
  - Administering BIG-IQ High Availability

## Further Information

- Bitte beachten Sie, dass diese Kurse direkt beim Hersteller stattfinden und Arrow ECS Education nur als Vermittler auftritt.
- Die Verfügbarkeit von freien Plätzen können wir trotz Ihrer Online-Buchung/Bestellung leider nicht gewährleisten.
- Installation und Kursunterlagen sind Englisch.
- Dieser Kurs ist nicht rabatt- und prämienprogrammfähig!

## Session Dates

Auf Anfrage. Bitte kontaktieren Sie uns

## Zusätzliche Information

Diese Schulung ist auch als Vor-Ort-Schulung verfügbar. Bitte kontaktieren Sie uns, um mehr zu erfahren.