EMENTA DO CURSO

Configuring BIG-IQ

Código: **EDU-F5-BIG-IQ** Categoria: **F5**

InLearn

PÚBLICO

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.

PRÉ-REQUISITOS

BIG-IQ manages BIG-IP devices and its associated products so you need to be familiar with BIG-IP as well as having knowledge and experience of general network technology. For BIG-IP, students should have already completed a BIG-IP based training course such as the Administering BIG-IP instructor-led course or further courses. Free web-based training courses are available on the LearnF5 training hub (https://www.f5.com/services/training) that are helpful for any student with limited BIG-IP administration and configuration experience.

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

General technology experience should cover:

OSI model encapsulation
Routing and switching
TCP/IP concepts
IP addressing and subnetting
Network firewalls
LAN vs. WAN
HTTP Protocol
Security and Authentication

VISÃO

We first look at building and configuring the BIG-IQ system. Once this initial classroom environment is built, we detail the steps to get going administering BIG-IQ, then use it to manage BIG-IP devices. After this we examine other system configurations; setting up a BIG-IQ DCD logging device, building a BIG-IQ High Availability pair, and managing BIG-IP devices in a cluster.

CONTEÚDO

DAY 1

Module 1 - Introducing BIG-IQ

Build the BIG-IQ system. Perform the initial setup, licensing and configuration, then connect it to the network so it's ready for use.

Module 2 - Setting Up the BIG-IQ System

Take an overall look at the BIG-IQ product suite. What does it include, how does it approach BIG-IP centralized management.

Module 3 - Administering the BIG-IQ System

With the BIG-IQ configured, steps on connecting in and exploring system features. Discussion of the necessary initial tasks and associated steps.

Module 4 - Managing BIG-IP LTM Devices

Now bring your BIG-IP devices running LTM under central management by BIG-IQ. Discover their current configuration and create and deploy new traffic passing objects to them.

DAY 2

Module 5 - Setting Up the BIG-IQ DCD System

The BIG-IQ needs a DCD to manage BIG-IP statistics and log data, here is how we set it up and link it to the BIG-IQ system.

Module 6 - Custom Roles and Groups

We already looked at how user accounts are set up on BIG-IQ, let’s look deeper and see how to create very granular accounts which limit user access.

Module 7 - Managing BIG-IP DSC

BIG-IP allows multiple devices to be configured into clusters. How does BIG-IQ remotely manage these clusters?

Module 8 - Administering BIG-IQ High Availability

Configure two existing BIG-IQ systems into an active-standby pair. Create and synchronize configuration objects, fail the pair over, de-configure the pair and return them to standalone systems

Próximas turmas

17/02/2027

Carga horária	16 horas
Modalidade	Online
Horário	09:00 às 18:00

Prevista

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