Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Configuring BIG-IP on VIPRION v16.1

CODE:	LENGTH:	PRICE:
F5N_VPR-1	8 Hours (1 day)	kr10,000.00

Description

This course provides network professionals with a functional understanding of the BIG-IP VIPRION platform. It includes an overview of the chassis, hardware options, Clustered Multiprocessing (CMP) and virtual CMP (vCMP) deployment options. The course includes lectures, demonstrations, hands-on labs, and discussions.

BIG-IP VIPRION system setup
VIPRION chassis and blade hardware options overview
Clustered MultiProcessing (CMP)
Configuring virtual CMP (vCMP) host and guests
High-Availability with vCMP and non-vCMP systems
Hardware maintenance and basic troubleshooting
Lab projects

Topics covered in this course include: **v13 Course Topics**

By the time you finish this course, you should be able to identify various VIPRION chassis and hardware options, perform an initial configuration of the BIG-IP VIPRION system, and configure a vCMP host and guests. Additionally, you should be able to monitor, administer, and perform basic troubleshooting tasks on traffic processed by a BIG-IP VIPRION system.

Objectives

Introducing the VIPRION System
VIPRION 2000 Series Chassis
VIPRION 4000 Series Chassis
Primary and Secondary Blades
VIPRION Cables and Transceivers

v13 COURSE OUTLINE Chapter 1: Introducing the VIPRION System Architecture Other Components

Initial BIG-IP Setup Utility Steps
Creating an Archive of the BIG-IP System

Chapter 2: Setting Up a BIG-IP VIPRION System BIG-IP 5200V System Setup Labs

Chapter 3: Load Balancing Traffic with CMP

What is CMP?
Understanding the Disaggregator (DAG)
Differentiating between CMP-enabled and CMP-disabled
Understanding the Relationship Between CMP and Persistence Records and iRules Variables
VIPRION Features and Technologies

What is vCMP?
vCMP Licensing and Provisioning
F5 Virtualization
vCMP Host and vCMP Guests
Physical and Logical Cores
Virtual Disks

Chapter 4: Running VIPRION with vCMP Flexible Resource Allocation

Introducing Device Service Clustering (DSC)
Introducing Network Failover Communication
Preparing to Deploy a DSC Configuration
Configuring DSC Communication
Establishing Device Trust
Establishing a Sync-Failover Device Group
Synchronizing Configuration Data
Exploring Traffic Groups
Understanding Failover Managers and Triggers
Understanding HA Group Monitors
Cluster High Availability without vCMP

Chapter 5: Configuring a High Availability Deployment in a VIPRION System
Mirroring for VIPRION Systems
Recommended VIPRION Practices
Full Cluster Start-Up
Adding a New Blade
VIPRION Troubleshooting Commands
Troubleshooting Tools
Contact F5 Technical Support

Chapter 6: Managing Blades and Performing Hardware Maintenance
End User Diagnostics (EUD)

Audience

This course is intended for system and network administrators responsible for installation, setup, configuration, and administration of the BIG-IP VIPRION system. You will benefit from first attending the Configuring BIG-IP LTM instructor-led training and having several months or more experience configuring BIG-IP LTM before attending this course.

Prerequisites

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 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 web-based training
Getting Started with BIG-IP Local Traffic Manager (LTM) web-based training
Getting Started with VIPRION web-based training

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

Session Dates

Ved forespørsel. Vennligst kontakt oss

Tilleggsinformasjon

Denne treningen er også tilgjengelig som trening på stedet. Kontakt oss for å finne ut mer.