

Configuring BIG-IP®: VIPRION

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

Kursinhalt

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

Jeder Teilnehmer erhält die englischsprachigen Original-Unterlagen von F5 Networks in elektronischer Form.

Zielgruppe

This course is intended for network operators, network administrators, network engineers, and network architects responsible for installation, setup, configuration, and administration of the BIG-IP VIPRION system. The student can also benefit from attending Configuring BIG-IP LTM course and several months experience configuring the BIG-IP LTM product before attending this course.

Voraussetzungen

Students are required to complete one of the following F5 prerequisites before attending this course:

- Administering BIG-IP instructor-led course
- F5 Certified BIG-IP Administrator

The following web-based courses, although optional, will be very helpful for any student with limited BIG-IP administration and configuration experience:

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

Students should understand:

- TMOS administration
- Network concepts and configuration

Dieser Kurs im Web



Alle tagesaktuellen Informationen und Möglichkeiten zur Bestellung finden Sie unter dem folgenden Link: www.experteach.ch/go/FVPR

Vormerkung

Sie können auf unserer Website einen Platz kostenlos und unverbindlich für 7 Tage reservieren. Dies geht auch telefonisch unter 06074 4868-0.

Garantierte Kurstermine

Für Ihre Planungssicherheit bieten wir stets eine große Auswahl garantierter Kurstermine an.

Ihr Kurs maßgeschneidert

Diesen Kurs können wir für Ihr Projekt exakt an Ihre Anforderungen anpassen.

| Training | Preise zzgl. MwSt. |
|------------------------|--------------------|
| Termine in der Schweiz | 1 Tag |
| Online Training | 1 Tag CHF 1.210,- |
| Termine auf Anfrage | |

Stand 07.05.2024



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Configuring BIG-IP®: VIPRION

Chapter 1: Introducing the VIPRION System Architecture

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

Chapter 2: Setting Up a BIG-IP VIPRION System

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

Chapter 4: Running BIG-IP with vCMP

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

Chapter 5: Configuring a High Availability Deployment in a VIPRION System

- 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 6: Managing Blades and Performing Hardware Maintenance

- Recommended VIPRION Practices
- Full Cluster Start-Up
- Adding a New Blade
- VIPRION Troubleshooting Commands
- Troubleshooting Tools
- Contact F5 Technical Support
- End User Diagnostics (EUD)

