

## 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.at/go/FVPR](http://www.experteach.at/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 Österreich	1 Tag € 1.100,-
Online Training	1 Tag € 1.100,-
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)

