Configuring BIG-IP on VIPRION (TRG-VPR-1)

ID TRG-VPR-1 **Price** US $ 1,100.—(excl. VAT) **Duration** 1 days

Who should attend

- This course is intended for system and network administrators responsible for installation, setup, configuration, and administration of the BIG-IP VIPRION System.

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.

- 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

Course Objectives

- By course completion, the student should be able to identify various VIPRION chassis and hardware options, perform an initial configuration of the BIG-IP® VIPRION for both CMP and vCMP configurations~options, and configure host and guests. Additionally, the student should be able to monitor, administer, and perform basic troubleshooting tasks on traffic processed by the BIG-IP® VIPRION System.

Course Content

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
- Archiving the BIG-IP Configuration
- BIG-IP vCMP-Enabled Appliance Setup Labs

Chapter 3: Load Balancing Traffic with CMP

- What is CMP?
- 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

- High Availability Configuration
- Introducing Device Service Clustering (DSC)
- Preparing to Deploy a DSC Configuration
- Configuring DSC Communication Settings
- Establishing Device Trust

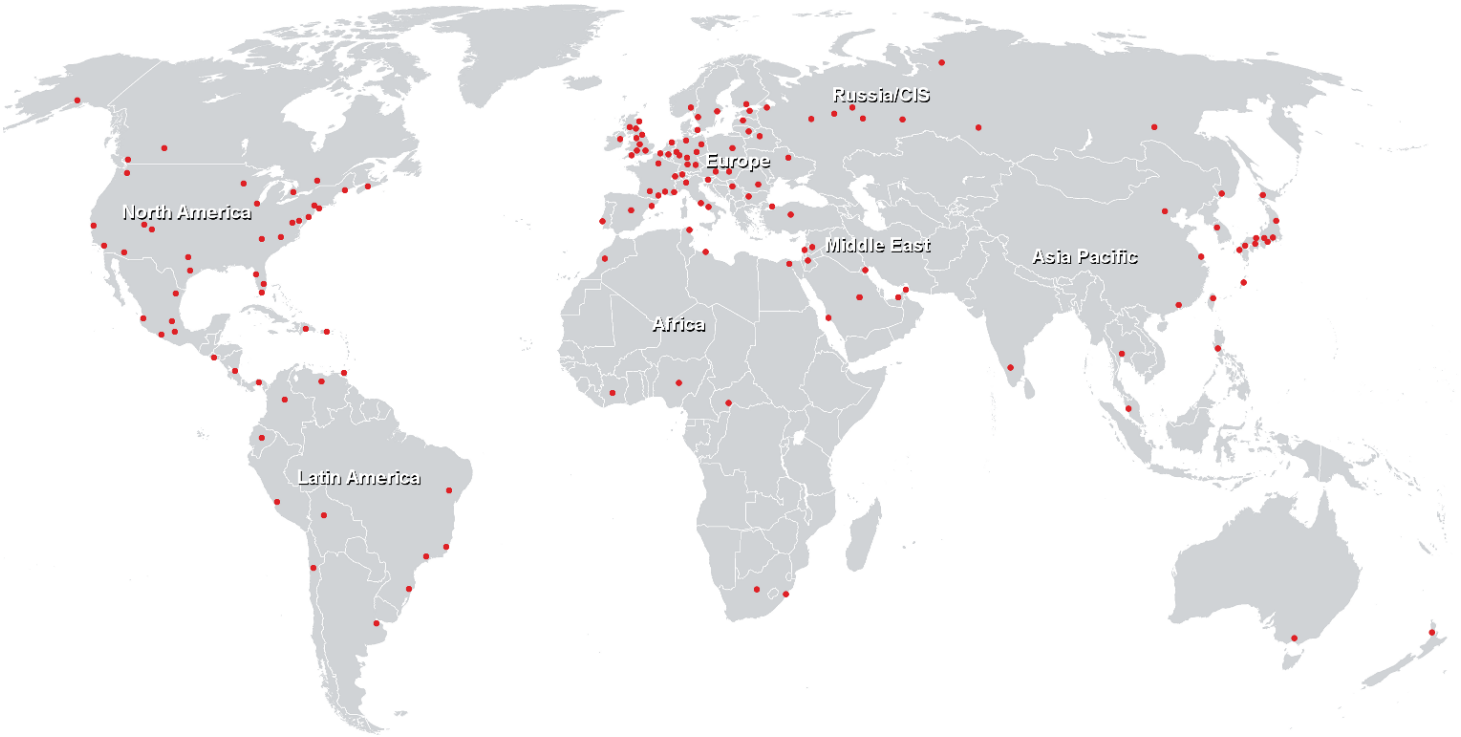
- Establishing a Sync-Failover Device Group
- Synchronizing Configuration Data
- Exploring Traffic Group Behavior
- Non-vCMP System High Availability

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)

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Training Centres worldwide





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