

Training: F5
Configuring BIG-IP APM Access Policy Manager



TRAINING GOALS:

This course gives network administrators, network operators, and network engineers a functional understanding of **BIG-IP Access Policy Manager** as it is commonly deployed in both application delivery network and remote access settings. The course introduces students to BIG-IP Access Policy Manager, its configuration objects, how it is commonly deployed, and how typical administrative and operational activities are performed. The course includes lecture, hands-on labs, interactive demonstrations, and discussions.

Audience:

This course is intended for network administrators, operators, and engineers responsible for managing the normal day-to-day operation and administration of **BIG-IP Access Policy Manager**.

CONSPECT:

- Setting Up the BIG-IP System
 - Introducing the BIG-IP System
 - Initially Setting Up the BIG-IP System
 - Archiving the BIG-IP Configuration
 - Leveraging F5 Support Resources and Tools
- Web Application Access
 - Review of BIG-IP LTM
 - Introduction to the Access Policy
 - Web Access Application Configuration Overview
 - Web Application Access Configuration in Detail
- Access Policy
 - Navigating the Access Policy
- Managing BIG-IP APM
 - BIG-IP APM Sessions and Access Licenses
 - Session Variables and sessiondump
 - Session Cookies
 - Access Policy General Purpose Agents Lists

- Authentication
 - Introduction to Access Policy Authentication
 - Active Directory AAA Server
 - RADIUS
 - One-Time Password Local User Database
- Assignment Agents
 - List of Assignment Agents
- Portal Access
 - Introduction to Portal Access
 - Portal Access Configuration Overview
 - Portal Access Configuration
 - Portal Access in Action
- Network Access
 - Concurrent User Licensing
 - VPN Concepts
 - Network Access Configuration Overview
 - Network Access Configuration
 - Network Access in Action
- Macros and Logon
 - Access Policy Macros
 - Configuring Macros
 - An Access Policy is a Flowchart
 - Access Policy Logon Agents
 - Configuring Logon Agents
- Client-Side Checks
 - Client-Side Endpoint Security
- Server-Side Checks
- Server-Side Endpoint Security Agents List
- Server-Side and Client-Side Checks Differences
- Authorization
 - Active Directory Query
 - Active Directory Nested Groups
 - Configuration in Detail
- Application Access
 - Application Access
 - Remote Desktop

- Network Access Optimized Tunnels
- Landing Page Bookmarks
- Remote Desktop
- Network Access Optimized Tunnels
- Landing Page Bookmarks
- Access Control Lists
 - Introduction to Access Control Lists
 - Configuration Overview
 - Dynamic ACLs
 - Portal Access ACLs
- Single Sign-On
 - Remote Desktop Single Sign-On
 - Portal Access Single Sign-On
- iRules and Advanced Access Policy Rules
 - iRules Introduction
 - Basic TCL Syntax
 - iRules and Advanced Access Policy Rules
- Customization
 - Customization Overview
 - BIG-IP Edge Client
 - Advanced Edit Mode Customization
 - Landing Page Sections
- SAML
 - SAML Conceptual Overview
 - SAML Configuration Overview
- Webtop and Wizards
 - Webtops
 - Wizards
- BIG-IP Edge Client and Components
 - BIG-IP Edge Client for Windows Installation
 - BIG-IP Edge Client in Action
- Configuration Project
- Additional Training and Certification
 - Getting Started Series Web-Based Training
 - F5 Instructor Led Training Curriculum
 - F5 Professional Certification Program

REQUIREMENTS:

Before attending the Troubleshooting, ASM, DNS, APM, AAM, AFM, VIPRION or iRules courses is mandatory:

- to take part in the BIG-IP Admin or LTM course
- or possession of F5-CA or F5-CTS LTM certification
- or pass special assessment test with score 70% or greater.

To take assessment test:

Step 1: get an account on F5 University <https://university.f5.com>

Step 2: goto My Training and find Administering BIG-IP Course Equivalency Assessment

Take the test. Pass mark is 70%

Step 3: take a screen shot as proof of results

If this prerequisite is not met, F5 Networks have the right to refuse entry to the class.

Difficulty level



CERTIFICATE:

The participants will obtain certificates signed by F5 Networks (course completion).

This course also will help to prepare you for the F5 Networks APM Specialist certification (F5-CTS) exam Exam 304 - APM Specialist which is available through the [Pearson VUE test centers](#).

TRAINER:

Certified F5 Networks Trainer.