

# F5 NETWORKS CONFIGURING BIG-IP APM: ACCESS POLICY MANAGER

Course Code: 100338

Explore functional understanding of BIG-IP Access Policy Manager as it is commonly deployed in both application delivery network and remote access settings.

This three-day 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 commonly deployed, and how typical administrative and operational activities are performed. The course includes lecture, hands-on labs, interactive demonstrations, and discussions.

## What You'll Learn

Administering BIG-IP; basic familiarity with authentication mechanisms (e.g. LDAP, Active Directory) and webserver technologies (e.g. HTTP, HTML).

## Who Needs to Attend

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.

## Prerequisites

Administering BIG-IP; basic familiarity with authentication mechanisms (e.g. LDAP, Active Directory) and webserver technologies (e.g. HTTP, HTML).

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CLASSROOM LIVE

\$5,148 CAD

3 Day

## Classroom Live Outline

### **Module 1: 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

### **Module 2: Configuring Web Application Access**

- Review of BIG-IP LTM
- Introduction to the Access Policy
- Web Access Application Configuration Overview
- Web Application Access Configuration in Detail

### **Module 3: Exploring the Access Policy**

- Navigating the Access Policy

### **Module 4: Managing BIG-IP APM**

- BIG-IP APM Sessions and Access Licenses
- Session Variables and session dump
- Session Cookies
- Access Policy General Purpose Agents List

### **Module 5: Using Authentication**

- Introduction to Access Policy Authentication
- Active Directory AAA Server
- RADIUS
- One-Time Password
- Local User Database

### **Module 6: Understanding Assignment Agents**

- List of Assignment Agents

### **Module 7: Configuring Portal Access**

- Introduction to Portal Access
- Portal Access Configuration Overview
- Portal Access Configuration
- Portal Access in Action

### **Module 8: Configuring Network Access**

- Concurrent User Licensing
- VPN Concepts
- Network Access Configuration Overview
- Network Access Configuration
- Network Access in Action

### **Module 9: Deploying Macros**

- Access Policy Macros
- Configuring Macros
- An Access Policy is a Flowchart
- Access Policy Logon Agents
- Configuring Logon Agents

### **Module 10: Exploring Client-Side Checks**

- Client-Side Endpoint Security

### **Module 11: Exploring Server-Side Checks**

- Server-Side Endpoint Security Agents List
- Server-Side and Client-Side Checks Differences

### **Module 12: Using Authorization**

- Active Directory Query
- Active Directory Nested Groups
- Configuration in Detail

### **Module 13: Configuring App Tunnels**

- Application Access
- Remote Desktop
- Network Access Optimized Tunnels
- Landing Page Bookmarks

### **Module 14: Deploying Access Control Lists**

- Introduction to Access Control Lists
- Configuration Overview
- Dynamic ACLs
- Portal Access ACLs

### **Module 15: Signing On with SSO**

- Remote Desktop Single Sign-On
- Portal Access Single Sign-On

### **Module 16: Using iRules**

- iRules Introduction

- Basic TCL Syntax
- iRules and Advanced Access Policy Rules

### **Module 17: Customizing BIG-IP APM**

- Customization Overview
- BIG-IP Edge Client
- Advanced Edit Mode Customization
- Landing Page Sections

### **Module 18: Deploying SAML**

- SAML Conceptual Overview
- SAML Configuration Overview

### **Module 19: Exploring Webtops and Wizards**

- Webtops
- Wizards

### **Module 20: Using BIG-IP Edge Client**

- BIG-IP Edge Client for Windows Installation
- BIG-IP Edge Client in Action

### **Module 21: Configuration Project**

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VIRTUAL CLASSROOM LIVE

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### **Module 3: Exploring the Access Policy**

- Navigating the Access Policy

### **Module 4: Managing BIG-IP APM**

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- Session Variables and session dump
- Session Cookies
- Access Policy General Purpose Agents List

### **Module 5: Using Authentication**

- Introduction to Access Policy Authentication
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### **Module 6: Understanding Assignment Agents**

- List of Assignment Agents

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PRIVATE GROUP TRAINING

3 Day

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