

F5 Networks Configuring BIG-IP APM: Access Policy Manager

Price
\$3,465.00

Duration
3 Days

Delivery Methods
VILT, Private Group



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

Who Should 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.

Agenda

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

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

3 - EXPLORING THE ACCESS POLICY

- Navigating the Access Policy

4 - MANAGING BIG-IP APM

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

5 - USING AUTHENTICATION

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

6 - UNDERSTANDING ASSIGNMENT AGENTS

- List of Assignment Agents

7 - CONFIGURING PORTAL ACCESS

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

8 - CONFIGURING NETWORK ACCESS

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

9 - DEPLOYING MACROS

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

10 - EXPLORING CLIENT-SIDE CHECKS

- Client-Side Endpoint Security

11 - EXPLORING SERVER-SIDE CHECKS

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

12 - USING AUTHORIZATION

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

13 - CONFIGURING APP TUNNELS

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

14 - DEPLOYING ACCESS CONTROL LISTS

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

15 - SIGNING ON WITH SSO

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

16 - USING IRULES

- iRules Introduction
- Basic TCL Syntax
- iRules and Advanced Access Policy Rules

17 - CUSTOMIZING BIG-IP APM

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

18 - DEPLOYING SAML

- SAML Conceptual Overview
- SAML Configuration Overview

19 - EXPLORING WEBTOPS AND WIZARDS

- Webtops
- Wizards

20 - USING BIG-IP EDGE CLIENT

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

21 - CONFIGURATION PROJECT