

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

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CLASSROOM LIVE

\$3,960 USD

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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PRIVATE GROUP TRAINING

3 Day

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