F5 Configuring BIG-IP APM - Access Policy Manager

Category: Networking & Security | **Vendor:** F5

Duration: 24.00 hours (3 days) **19.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

This course covers three typical deployment scenarios for BIG-IP Access Policy Manager (APM) and is broken into three individual lessons. In lesson one, you learn how to configure BIG-IP APM to provide Active Directory-based authentication for a load-balanced pool of web servers. In lesson two, you learn how to create a policy that provides an SSL VPN (Network Access) resource to users, but only when they log into BIG-IP APM using a corporate-issued PC. Finally, lesson three builds on the first two lessons to create a policy that provides a dynamic landing page with both SSL VPN as well as an OWA (Portal Access) resource, but only to users with special authorization.

About This Course

This course covers three typical deployment scenarios for BIG-IP Access Policy Manager (APM) and is broken into three individual lessons. In lesson one, you learn how to configure BIG-IP APM to provide Active Directory-based authentication for a load-balanced pool of web servers. In lesson two, you learn how to create a policy that provides an SSL VPN (Network Access) resource to users, but only when they log into BIG-IP APM using a corporate-issued PC. Finally, lesson three builds on the first two lessons to create a policy that provides a dynamic landing page with both SSL VPN as well as an OWA (Portal Access) resource, but only to users with special authorization.

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

Learning Outcomes

Upon successful completion of this course, participants will be able to:

This course provides the skills to create and manage BIG-IP APM system.

Detailed Course Outline

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
-

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
-

Exploring the 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 List

Using Authentication

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

Understanding Assignment Agents

- List of Assignment Agents
-

Configuring Portal Access

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

Configuring Network Access

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

Deploying Macros

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

Exploring Client-Side Checks

- Client-Side Endpoint Security
-

Exploring Server-Side Checks

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

Using Authorization

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

Configuring AppTunnels

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

Deploying Access Control Lists

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

Signing On with SSO

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

Using iRules

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

Customizing BIG-IP APM

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

Deploying SAML

- SAML Conceptual Overview
- SAML Configuration Overview
-

Exploring Webtops and Wizards

- Webtops
- Wizards
-

Using BIG-IP Edge Client

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

Lesson

- Configuration Project
-

Additional Training and Certification

- Getting Started Series Web-Based Training
- F5 Instructor Led Training Curriculum
- F5 Professional Certification Program
- F5 Instructor Led Training Curriculum
- F5 Professional Certification Program
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Additional Course Details

Nexus Humans F5 Configuring BIG-IP APM - Access Policy Manager v13.x training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the F5 Configuring BIG-IP APM - Access Policy Manager v13.x course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for F5 Configuring BIG-IP APM - Access Policy Manager?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 3-day F5 Configuring BIG-IP APM - Access Policy Manager course provides up to 19.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the F5 Configuring BIG-IP APM - Access Policy Manager training?

The training takes place over 3 day(s), with each day lasting approximately 24.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for F5 Configuring BIG-IP APM - Access Policy Manager?

Yes, we provide corporate training, dedicated training, and closed classes for F5 Configuring BIG-IP APM - Access Policy Manager. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for F5 Configuring BIG-IP APM - Access Policy Manager?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your F5 Configuring BIG-IP APM - Access Policy Manager training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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