F5 Configuring BIG-IP APM: Access Policy Manager

Duration: 3 Days   Course Code: WGAC-F5N-APM

Overview:

This three-day F5 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.

Target 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.
Network AdministratorArchitect

Objectives:

- Configure remote access methods Network Access, Portal Access and Application Access and understand the differences and use cases for each

- Configure APM and LTM to work together for advanced application delivery as well as understand the APM + LTM use case versus the remote access use case

- Configure advanced policies using the Visual Policy Editor with all of its features such as macros, branches and multiple endings

- Understand the role of iRules and how they work together with BIG-IP in general and APM in specific

- Understand the role of Federated Single Sign-On using SAML and deploy a basic configuration

- Configure multiple authentication methods and understand how they can work together in a single access policy

- Set up, license, and provision the BIG-IP system out-of-the-box

- Create, restore from, and manage BIG-IP archives

- Use profiles to manipulate the way the BIG-IP system processes traffic through a virtual server

Prerequisites:

Students must complete one of the following F5 prerequisites before attending this course:

- Administering BIG-IP instructor-led course
-or-

- F5 Certified BIG-IP Administrator

The following free web-based courses, although optional, will be very helpful for any student with limited BIG-IP administration and configuration experience.

- [Getting Started with BIG-IP](#) web-based training
- [Getting Started with BIG-IP Local Traffic Manager (LTM)](#) web-based training
- [Getting Started with BIG-IP Access Policy Manager (APM)](#) web-based training

The following general network technology knowledge and experience are recommended before attending any F5 Global

Testing and Certification

EXAM 304
BIG-IP APM Specialist

Prerequisites: Valid F5-CA, BIG-IP Certification

In passing Exam 304, candidates receive the F5 Certified! Technology Specialist, Access Policy Manager certification. Individuals who receive this certification have demonstrated that they have the skills and understanding necessary for day-to-day management of Application Delivery Networks that incorporate technologies based on the TMOS operating system, and to implement, troubleshoot, and maintain BIG-IP APM in a variety of application environments, with special emphasis on different types of authentication, authorization, and accounting resources. Receiving the BIG-IP APM Specialist certification is a prerequisite for the Security Solutions Expert certification track.

Training Services instructor-led course:

- OSI model encapsulation
- Routing and switching
- Ethernet and ARP
- TCP/IP concepts
- IP addressing and subnetting
- NAT and private IP addressing
- Default gateway
- Network firewalls
- LAN vs. WAN

The following *course-specific* knowledge and experience is suggested before attending this course:

- Hands-on experience with BIG-IP
- Basic web application delivery (BIG-IP LTM)
- HTML, HTTP, HTTPS as well as some CSS and JavaScript
- Telnet, SSH and TLS/SSL
- VPN or tunnel encapsulation, Layer 4 NAT and Access Control Lists

Follow-on-Courses:

- BIG-INT-IL, F5 Configuring BIG-IP LTM: Local Traffic Manager
- WES_BIG-IP-ASM, F5 Configuring BIG-IP ASM: Application Security Manager
- WES_BIG-IP-GTM, F5 Configuring BIG-IP DNS: Domain Name System (formerly GTM)

Content:

Further Information:

For More information, or to book your course, please call us on 00 971 4 446 4987

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