TRAINING OFFERING

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Configuring BIG-IP APM: Access Policy Manager

CODE:　　　　　　　**LENGTH:**　　　　　**PRICE:**

F5N_BIG-EGW-APM　　24 Hours (3 dage)　　kr 16,050.00

Description

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. Building on that, 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.

Major Course Changes since v14.1

Configuring BIG-IP APM did not change significantly with version 13.1. Several labs were modified due to changes in Portal Access Support, and because when using Internet Explorer APM does not support Java App Tunnels.

Objectives

Introducing the BIG-IP System
Initially Setting Up the BIG-IP System
Archiving the BIG-IP Configuration
v13 COURSE OUTLINEChapter 1: Setting Up the BIG-IP System Leveraging F5 Support Resources and Tools
Review of BIG-IP LTM
Introduction to the Access Policy
Web Access Application Configuration Overview
Chapter 2: Configuring Web Application Access Web Application Access Configuration in Detail

Chapter 3: Exploring the Access Policy Navigating the Access Policy**Chapter 4: Managing BIG-IP APM**

Introduction to Access Policy Authentication
BIG-IP APM Sessions and Access Licenses　　　　　　　Active Directory AAA Server
Session Variables and sessiondump　　　　　　　　　　RADIUS
Session Cookies　　　　　　　　　　　　　　　　　　One-Time Password
Access Policy General Purpose Agents List **Chapter 5: Using Authentication**Local User Database

Chapter 6: Understanding Assignment Agents List of Assignment Agents**Chapter 7: Configuring Portal Access**

Concurrent User Licensing
Introduction to Portal Access　　　　　　　　　　　　VPN Concepts
Portal Access Configuration Overview　　　　　　　　Network Access Configuration Overview
Portal Access Configuration　　　　　　　　　　　　Network Access Configuration
Portal Access in Action　　　　　　**Chapter 8: Configuring Network Access**Network Access in Action
Access Policy Macros
Configuring Macros
An Access Policy is a Flowchart
Access Policy Logon Agents
Chapter 9: Deploying Macros Configuring Logon Agents　　　**Chapter 10: Exploring Client-Side Checks**

Server-Side Endpoint Security Agents List
Client-Side Endpoint Security**Chapter 11: Exploring Server-Side Checks**Server-Side and Client-Side Checks Differences
Active Directory Query
Active Directory Nested Groups
Chapter 12: Using Authorization Configuration in Detail　　　**Chapter 13: Configuring AppTunnels**
Application Access　　　　　　　　　　　　　　　　Introduction to Access Control Lists
Remote Desktop　　　　　　　　　　　　　　　　　Configuration Overview
Network Access Optimized Tunnels　　　　　　　　　Dynamic ACLs
Landing Page Bookmarks　　　**Chapter 14: Deploying Access Control Lists**Portal Access ACLs

Remote Desktop Single Sign-On
Chapter 15: Signing On with SSO Portal Access Single Sign-On   **Chapter 16: Using iRules**

Customization Overview
iRules Introduction   BIG-IP Edge Client
Basic TCL Syntax   Advanced Edit Mode Customization
iRules and Advanced Access Policy Rules**Chapter 17: Customizing BIG-IP APM**Landing Page Sections
SAML Conceptual Overview   Webtops
Chapter 18: Deploying SAMLSAML Configuration Overview**Chapter 19: Exploring Webtops and Wizards**Wizards
BIG-IP Edge Client for Windows Installation
Chapter 20: Using BIG-IP Edge ClientBIG-IP Edge Client in Action   **Chapter 21: Configuration Project**

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

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. These courses are available at F5 University:
•Getting Started with BIG-IP 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 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

Session Dates

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
27 May 2024	Virtual Classroom (CET / UTC +1)	CEDT	English	Instructor Led Online		kr 16,050.00

Yderligere Information

Denne træning er også tilgængelig som træning på stedet. Kontakt os for at finde ud af mere.