



Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Configuring BIG-IP APM: Access Policy Manager

CODE: F5N_BIG-EGW-APM **LENGTH:** 24 Hours (3 dage) **PRICE:** 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 OUTLINE	Chapter 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	Introduction to Access Control Lists
Application Access	Configuration Overview
Remote Desktop	Dynamic ACLs
Network Access Optimized Tunnels	Chapter 14: Deploying Access Control Lists
Landing Page Bookmarks	Portal Access ACLs

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

iRules Introduction

Basic TCL Syntax

iRules and Advanced Access Policy Rules

Customization Overview

BIG-IP Edge Client

Advanced Edit Mode Customization

Landing Page Sections

SAML Conceptual Overview

Webtops

Chapter 18: Deploying SAML SAML Configuration Overview **Chapter 19: Exploring Webtops and Wizards** Wizards

BIG-IP Edge Client for Windows Installation

Chapter 20: Using BIG-IP Edge Client BIG-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
23 Sep 2024	Virtual Classroom (CET / UTC +1)	CEDT	English	Instructor Led Online		kr 16,050.00
25 Nov 2024	Virtual Classroom (CET / UTC +1)	CET	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.