IBM PowerSC Workshop

Duration: 3 Days Course Code: AN80G

Overview:

This hands-on course is designed to provide students with a comprehensive understanding of IBM PowerSC, including its features, benefits, and how to install, configure, and manage it.
We will cover the four main pillars of PowerSC: Security, Compliance, threat protection, and Multifactor Authentication (MFA).
File Integrity Monitoring (FIM), allow listing, block listing, endpoint detection and response (EDR) and anti-malware capabilities will also be covered.

Target Audience:

Typical students may include: Customers, Technical IBM personnel, Business partner technical personnel, IT consultants and architects.

Objectives:

- After this course participants should be able to:
- Describe the key features and capabilities of PowerSC across AIX, IBM i, and Linux
- Perform the installation and initial configuration
- Summarize the purpose and usage of security compliance profiles
- Demonstrate how to manage and monitor endpoint security
- Configure system scans, reporting, and alerting mechanisms
- Explain the role and implementation of Multi-Factor Authentication (MFA)
- Implement anti-malware features and verify their effectiveness
- Configure allow lists using Trusted Execution and Fapolicyd for application security
- Analyze file integrity monitoring reports using Real-Time Compliance and auditd

Prerequisites:

Content:

- Unit 0: Course Introduction
- Unit 1: Introduction to IBM PowerSC on IBM Power (covering AIX, IBM i and Linux)
- Unit 2: Installation and Configuration of IBM PowerSC
- Unit 3: Security Compliance profiles
- Unit 4: Managing and Monitoring endpoint security
- Unit 5: Configuring system scans, reporting and alerting
- Unit 6: Introduction to MFA
- Unit 7: Anti-malware
- Unit 8: Allow List (Trusted Execution and Fapolicyd)
- Unit 9: File Integrity Monitoring (Real Time Compliance and auditd)
- Exercices
- Exercise 1. Accessing the lab environment
- Exercise 2. PowerSC Installation and Configuration
- Exercise 3. Working with Security Profiles
- Exercise 4. Creating Custom Profiles and Run Compliance Scans
- Exercise 5. Configuring MFA on AIX
- Exercise 6. Configuring Anti-malware
- Exercise 7. Allow List (Trusted Execution and fapolicyd)
- Exercise 8. File Integrity Monitoring (Real Time Compliance and auditd)

Additional Information:

Official course book provided to participants

Further Information:

For More information, or to book your course, please call us on 0800/84.009

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