# 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:

- Basic knowledge of IBM AIX and Power servers

## Testing and Certification

None

## Follow-on-Courses:

None

## 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 Head Office Tel.: +974 40316639

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