

Windows PowerShell: IT Management

WorkshopPLUS

Duration: 3 Days [Remote / Onsite]

Difficulty Level: 300 - Advanced

Description

Windows PowerShell IT Management WorkshopPLUS engagement offers you in-depth insights into PowerShell to support your IT management tasks. This covers a range of topics aimed at empowering attendees to effectively manage IT scenarios within their organizations.

Objectives

- Gain in-depth knowledge of PowerShell to enhance IT management capabilities within the organization.
- Empower IT professionals with practical skills for managing a range of IT scenarios effectively.
- Improve operational efficiency by using PowerShell's advanced features for complex IT tasks.
- Enhance problem-solving skills with hands-on experience in PowerShell, tailored to the organization's specific needs.

Outcomes

- Discover valuable insights and learn how to effectively use Windows PowerShell.
- Learn PowerShell syntax and learn to write effective PowerShell commands.
- Apply your classroom knowledge to your daily business operations for immediate results.

Methodology

Learn by example

- Participate in group discussions and learn from presentations and demonstrations.

Hands-on

- Use a ready environment for a hands-on experience.
- Access to resources and labs for up to six months after the workshop.

Agenda

- **Day 1:** Working with Remoting and Object Models
- **Day 2:** Regular Expressions, Jobs and Package Management
- **Day 3:** Security Concepts

Delivery Outline

Requirements

Skill Requirements

- WorkshopPLUS - Windows PowerShell: Foundation Skills.
- At least 1 year of experience working with PowerShell code.
- Understand basic concepts of managing a computer remotely.

Time Commitment

- Three full-days engagement with relevant roles.

Delivery Requirements

- Microsoft/Windows Live ID to connect to the virtual environment.
- Hardware running:
 - Supported version of Windows.
 - Supported version of Office.
 - Modern browser, such as Microsoft Edge (or equivalent).
 - Internet access.

Education

Day 1	Working with Remoting and Object Models	<ul style="list-style-type: none">▪ PowerShell Remoting Basics▪ Object Models (COM / WMI / CIM)▪ PowerShell Remoting Advanced
Day 2	Regular Expressions, Jobs and Package Management	<ul style="list-style-type: none">▪ Regular Expressions▪ Jobs▪ Package Management
Day 3	Security Concepts	<ul style="list-style-type: none">▪ JEA & JIT▪ Scope

For more information: Contact your Microsoft Representative for more details.