

Windows PowerShell: Desired State Configuration

WorkshopPLUS

Duration: 3 Days [Remote / Onsite]

Difficulty Level: 300 - Advanced

Description

The WorkshopPLUS: Windows PowerShell Desired State Configuration (DSC) is the essential Infrastructure-as-Code offering for Windows servers running on-premises and in the cloud. This workshop enables you to manage small to large environments with ease, all within PowerShell.

This offering will help you meet the challenge – to help your organization increase IT productivity and efficiency and drive down the time and cost required to manage the infrastructure. The offering provides a unified management approach to IaaS workloads running in your private and public cloud environments.

Objectives

- Empower people to be productive from anywhere on whatever device they choose.
- Reduce costs by unifying IT management infrastructure.
- Improve IT effectiveness and efficiency

Outcomes

- Increase Velocity: Agile processes require a DevOps mindset and a robust approach
- Simplify operations: From Development to Production in record time, without compromising compliance and security requirements
- Improve Collaboration: Bring Dev and Ops closer together through policy-driven infrastructure.

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

Scope

Manage Windows servers running on-premises and in the cloud using a PowerShell Desired State Configuration.

Agenda

Day 1

- DevOps Foundations
- Git Foundations
- DSC Foundations

Day 2

- Configuration Data
- Push
- Pull

Day 3

- DSC on Azure
- Continuous Integration
- Final Lab

Delivery Outline

Requirements

Time Commitment

- Three full-day engagements with relevant roles.

Delivery Requirements

- Microsoft or 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	Foundations	<ul style="list-style-type: none">▪ DevOps Foundations▪ Git Foundations▪ DSC Foundations
Day 2	Advanced	<ul style="list-style-type: none">▪ Configuration Data▪ Push▪ Pull
Day 3	Expert	<ul style="list-style-type: none">▪ DSC on Azure▪ Continuous Integration▪ Final Lab

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