Course : Automate Azure Administration with PowerShell
Duration : 3 Days
Base coure : AZ-040 automating administration with windows PowerShell
Course type : Koenig Crafted

1. Introduction

Why automate Azure administration with PowerShell?

Setting up your environment

2. Getting started with Azure PowerShell

Installing the Azure PowerShell module

Connecting to Azure

3. Automating Azure resource management

Managing Azure resources with PowerShell

Creating and updating resources

Deleting resources

4. Automating Azure VM management

Managing virtual machines with PowerShell

Starting and stopping VMs

Scaling VMs

5. Automating Azure monitoring and logging

Monitoring Azure resources with PowerShell

Setting up alerts and notifications

Collecting and analyzing logs

6. Automating Azure deployment and configuration

Deploying and configuring Azure resources with PowerShell

Deploying ARM templates

Configuring Azure resources with DSC

7. Advanced Azure automation techniques

Using PowerShell with Azure automation accounts

Automating Azure DevOps with PowerShell

Using PowerShell with Azure Functions

8. Best practices for PowerShell and Azure automation

Writing effective PowerShell scripts

Managing credentials securely

Version control and testing

9. Conclusion

Recap of key concepts

Next steps for mastering Azure automation with PowerShell.