KOENIG
step forward

PSAppDeploymentToolkit-TOC
Duration: 2 Days (16 hrs)

Module 1: Introduction to PowerShell and PSADT

1. What is the PowerShell App Deployment Toolkit?

2. Benefits of using PSADT for application deployment

Module 2: Setting Up the Environment

1. Prerequisites for PSADT

2. Installing PowerShell and PSADT

3. Understanding folder structure and key files

Module 4: Core Components of PSADT

1. Overview of the toolkit components (AppDeployToolkitMain.ps1, etc.)

2. Understanding the XML configuration files

3. Key functions and their purposes

Module 5: Creating a Basic Deployment Script

1. Building a simple application deployment script

2. Using PSADT functions for installation and uninstallation

3. Testing and troubleshooting your script

Module 6: Advanced Deployment Techniques

1. Handling prerequisites and dependencies

2. Customizing the installation process

3. Logging and error handling in deployment scripts

Module 7: User Interaction and Notifications

1. Adding user prompts and notifications

2. Customizing dialogs and messages

3. Best practices for user interaction during deployment

Module 8: Deployment Scenarios

1. Deploying applications silently vs. interactively

2. Deploying to multiple systems (using SCCM, Intune, etc.)

Module 9: Maintenance and Updates

1. Managing application updates

Module 10: Real-World Case Studies

1. Review of successful deployment scenarios

Module 11: Hands-On Lab

1. Guided hands-on session to create and deploy an application