

Course 558: Windows PowerShell Foundations (3 Days)

Course Description...

Positioned as the Future of Windows Scripting – Windows PowerShell will be a primary method for command line and script-based management of Windows 7, Windows 2007, Microsoft Exchange, and other Microsoft Platforms.

In this intense hands-on course, you'll learn the essentials for Windows PowerShell, get up-to-speed on how PowerShell will impact Windows administration, and provide skills on how to leverage Windows PowerShell in existing and future Windows systems.

Who should attend...

This course will benefit IT Administrators, Active Directory Administrators, Exchange Administrators, Senior Desk Staff, and IT Managers who need to quickly come up to speed on Windows PowerShell.

Suggested Prerequisites...

- Experience with Windows Operating Systems Management Tools
- Knowledge of Active Directory
- A basic understanding of TCPIP

Course Outline...

Automating Windows with PowerShell

- Let's see what PowerShell can do!
- Windows Scripting Evolution
- Windows Scripting Host (WSH) and/or PowerShell
- Installing PowerShell
- Using PowerShell in Windows
- Microsoft's Scripting Resource Center

Automating Desktop Management with PowerShell

- Shell Management
- File & Folder Management
- Network Connections
- Registry Modifications
- Executing Applications
- Reading/Writing Text Files



Windows Management Instrumentation with PowerShell

- Web-Based Enterprise Management (WBEM)
- Using Microsoft's Scriptomatic for WMI
- Controlling Network Configuration
- File & Folder Management using WMI
- Registry Management using WMI
- Service Management

Active Directory Services Interface (ADSI) Scripting with PowerShell

- OU, User & Group Management
- Password Changing and Resetting
- NT4 and Local Account Management
- Active Data Objects (ADO)
- Searching the Active Directory and Databases with ADO

Exchange 2007 Scripting with PowerShell

- Mailbox Management
- Server Management
- Message Management

Conversion Appendix

- Converting VBScripts to PowerShell

Additional/Custom Topics are available - please contact your ROI representative to discuss course tailoring!!!