



Course 551: Windows Scripting Essentials **(3 days)**

Who should attend...

In this intense hands-on course, students will learn to automate windows management using Windows Scripting Host (WSH) and VBScript. Attendees interested in automating Desktops, Servers, Active Directory, Microsoft Exchange and Cluster management will benefit from the real-world approach to scripting taught in this course. This course will benefit administrators, developers and system integrators who need to automate Windows Management.

Prerequisites...

- Experience with Windows Server 2003 & Active Directory
- A desire to learn how to automate Windows using Scripting

Course Outline...

Chapter 1: Automating Windows

Let's see what Scripting can do!

Windows Scripting Host (WSH)

Scripting Fundamentals

Writing Scripts using a Text Editor

Utilizing Interactive Development Engines

Microsoft's Scripting Resource Center

Chapter 2: Automating Desktop Management

Shell Management

File & Folder Management

Network Connections

Registry Modifications

Executing Applications

Reading/Writing Text Files

Chapter 3: Windows Management Instrumentation

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

Inventorying Service Packs, Hot fixes and Applications

Server Monitoring



Chapter 4: Active Directory Services Interface (ADSI) Scripting

OU, User & Group Management
Password Changing and Resetting
NT4 and Local Account Management
Active Data Objects (ADO)
Searching the Active Directory with ADO
Resultant Set of Policies (RSOP) Scripting
Active Directory Sites & Services Management
Flexible Single Master Operations (FSMO) Management
Domain Name Service (DNS) and Dynamic Host Configuration (DHCP) Management

Chapter 5: Application Scripting

Installing Applications Remotely
SMTP Scripting
Exchange User & Server Management
Automating Microsoft Cluster Server (MSCS)

Chapter 6: Putting it all together

Using Dialog Boxes
Command Line Arguments
Masking Passwords
Outputting Scripting Results to Word, Excel and HTML
Constructing Larger Scripts
Compiling Scripts

Appendix: Utilizing Other Scripting Languages

Converting VBScript to JScript
Converting VBScript to PERL

Please contact your ROI representative to discuss course tailoring!!!