Automating Administration with Windows PowerShell Version 5.1

Get essential knowledge for the effective utilization of Windows PowerShell with our Automating Administration course.

Seminar Präsenz / Virtual Classroom Zurzeit keine Termine

40 Unterrichtseinheiten Teilnahmebescheinigung

Seminarnummer: 29252

Stand: 26.11.2026. Alle aktuellen Informationen finden Sie unter https://akademie.tuv.com/s/29252

Learn how with Windows PowerShell, you can remotely manage single or multiple Windows-based servers and automate day-to-day management and administration tasks. This five-day course provides fundamental knowledge and skills for using Windows PowerShell to administer and automate Windows based servers.

Dies Seminar wird ab Oktober durch das neue Seminar AZ-040 mit zusätzlichen Inhalten ersetzt.

Nutzen

In this course you will learn to execute and monitor scripts more efficiently through more robust session connectivity, workflow capabilities, enhanced job scheduling, and Windows PowerShell Web Access. Learn Windows PowerShell with greater ease through improved cmdlet discovery and simplified, consistent syntax across all cmdlets. Write Windows PowerShell scripts quicker and more intuitively through the new Integrated Scripting Environment (ISE) that enables script sharing, which connects IT pros to a larger Windows PowerShell user community. Learn all this and more in this Course in Windows PowerShell 4.0.

® TÜV, TUEV und TUV sind eingetragene Marken. Eine Nutzung und Verwendung bedarf der vorherigen Zustimmung.

Zielgruppe

This course is intended for IT Professionals already experienced in general Windows Server and Windows Client administration or already experienced in administering and supporting Application servers and services including Exchange, SharePoint, SQL etc It is broadly intended for students who want to use Windows PowerShell to automate administrative tasks from the command line, using any Microsoft or independent software vendor (ISV) product that supports Windows PowerShell manageability. This course is not intended to be a scripting or programming course, and includes only basic coverage of scripting and programming topics. Students are not expected to have prior scripting or programming experience, and are not expected to have prior Windows PowerShell experience

Anforderungen

Before attending this course, students must have:

- Previous Windows Server and Windows Client management knowledge and hands on experience.
- Experience Installing and Configuring Windows Server into existing enterprise environments, or as standalone installations.
- Knowledge and experience of network adapter configuration, basic Active Directory user administration, and basic disk configuration.
- Knowledge and hands on experience specifically with Windows Server 2012 and Windows 8 would be of benefit but is not essential.

Inhalte

After completing this course, students will be able to:

- Understand the basic concepts behind Windows PowerShell
- Work with the Pipeline
- Understand How the Pipeline Works
- Use PSProviders and PSDrives
- Format Output
- Use WMI and CIM
- Prepare for Scripting
- Moving From a Command to a Script to a Module
- Administer Remote Computers

® TÜV, TUEV und TUV sind eingetragene Marken. Eine Nutzung und Verwendung bedarf der vorherigen Zustimmung.

- Put the various Windows PowerShell components together
- Use Background Jobs and Scheduled Jobs
- Use Advanced PowerShell Techniques and Profiles

Hinweise

Dies Seminar wird ab Oktober durch das ebenfalls fünftägige PowerShell Seminar AZ-040 mit zusätzlichen Inhalten ersetzt.

Die Termine bleiben erhalten.

Terminübersicht und Buchung

Buchen Sie Ihren Wunschtermin jetzt direkt online unter https://akademie.tuv.com/s/29252 und profitieren Sie von diesen Vorteilen:

Schneller Buchungsvorgang
Persönliches Kundenkonto
Gleichzeitige Buchung für mehrere Teilnehmer:innen

Alternativ können Sie das Bestellformular verwenden, um via Fax oder E-Mail zu bestellen.

® TÜV, TUEV und TUV sind eingetragene Marken. Eine Nutzung und Verwendung bedarf der vorherigen Zustimmung.