Automate Administration with PowerShell (AZ-040T00)

ID AZ-040T00 **Price** CHF 3,950.—(excl. VAT) **Duration** 5 days

Who should attend

This course is intended for IT Professionals who are already experienced in general Windows Server and Windows client administration, and who want to learn more about using Windows PowerShell for administration. No prior experience with any version of Windows PowerShell or any scripting language is assumed. This course is also suitable for IT Professionals already experienced in server administration, including Exchange Server, SharePoint Server, SQL Server, and System Center.

Course Objectives

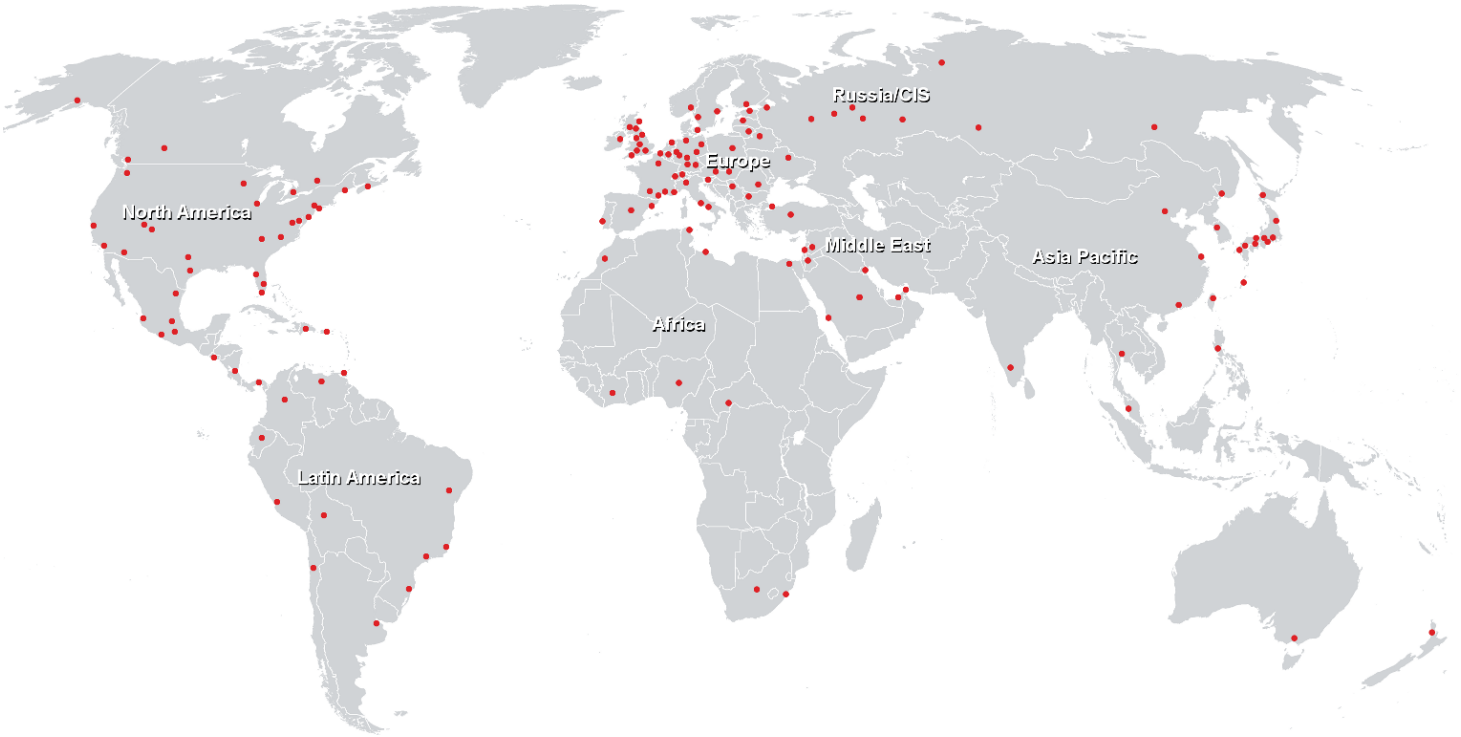
- Describe the functionality of Windows PowerShell and use it to run and find basic commands.
- Identify and run cmdlets for local system administration.
- Work with the Windows PowerShell pipeline.
- Use PSProviders and PSDrives to work with other forms of storage.
- Query system information by using WMI and CIM.
- Work with variables, arrays, and hash tables.
- Write basic scripts in Windows PowerShell.
- Administer remote computers with Windows PowerShell.
- Manage Azure resources with PowerShell.
- Manage Microsoft 365 services with PowerShell.
- Use background jobs and scheduled jobs.

Course Content

- Getting started with Windows PowerShell
- Windows PowerShell for local systems administration
- Working with the Windows PowerShell pipeline
- Using PSProviders and PSDrives
- Querying management information by using CIM and WMI
- Working with variables, arrays, and hash tables
- Windows PowerShell scripting
- Administering remote computers with Windows PowerShell
- Managing Azure resources with PowerShell
- Managing Microsoft 365 services with PowerShell
- Using background jobs and scheduled jobs

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