AZ-040T00

Automating Administration with PowerShell

This course provides students with the fundamental knowledge and skills to use PowerShell for administering and automating administration of Windows servers. This course provides students the skills to identify and build the command they require to perform a specific task. In addition, students learn how to build scripts to accomplish advanced tasks such as automating repetitive tasks and generating reports. This course provides prerequisite skills supporting a broad range of Microsoft products, including Windows Server, Windows Client, Microsoft Azure, and Microsoft 365. In keeping with that goal, this course will not focus on any one of those products, although Windows Server, which is the common platform for all of those products, will serve as the example for the techniques this course teaches.

Course Contents
- Module 1: Getting started with Windows PowerShell
- Module 2: Windows PowerShell for local systems administration
- Module 3: Working with the Windows PowerShell pipeline
- Module 4: Using PSProviders and PSDrives
- Module 5: Querying management information by using CIM and WMI
- Module 6: Working with variables, arrays, and hash tables
- Module 7: Windows PowerShell scripting
- Module 8: Administering remote computers with Windows PowerShell
- Module 9: Managing Azure resources with PowerShell
- Module 10: Managing Microsoft 365 services with PowerShell
- Module 11: Using background jobs and scheduled jobs

E-Book The original Microsoft courseware is made available to you online.

Target Group
This course is intended for IT Professionals who are already experienced in general Windows Server, Windows client, Azure, and Microsoft 365 administration, and who want to learn more about using Windows PowerShell for administration. No prior experience with any version of PowerShell or any scripting language is assumed. This course is also suitable for IT Professionals already experienced in server administration, including Microsoft Exchange Server, Microsoft SharePoint Server, and Microsoft SQL Server.

Prerequisites
Before attending this course, students must have:

- Experience with Windows networking technologies and implementation.
- Experience with Windows Server administration, maintenance, and troubleshooting.

This Course in the Web
You can find the up-to-date information and options for ordering under the following link: www.experteach-training.com/go/**MZ04**

Reservation
On our Website, you can reserve a course seat for 7 days free of charge and in an non-committal manner. This can also be done by phone under +49 6074/4868-0.

Guaranteed Course Dates
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Training		Prices, excl. of V.A.T.
Classes in Germany	**5 Days**	**€ 2,595**
Online Training	**5 Days**	**€ 2,595**

Date/course venue — Course language German 🇩🇪

18/08-22/08/25	Frankfurt	06/10-10/10/25	Online
18/08-22/08/25	Online	17/11-21/11/25	München
15/09-19/09/25	Hamburg	17/11-21/11/25	Online
15/09-19/09/25	Online	15/12-19/12/25	Frankfurt
06/10-10/10/25	Düsseldorf	15/12-19/12/25	Online

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