Workshop Microsoft PowerShell Fundamentals & Advanced Bundle (MSPSFA)

ID MSPSFA **Price** CHF 4,200.—(excl. VAT) **Duration** 5 days

Who should attend

This seminar is aimed at service technicians and administrators from the Microsoft environment.

Prerequisites

none

Course Objectives

In this seminar you will learn the basic functions and new features of Microsoft PowerShell.

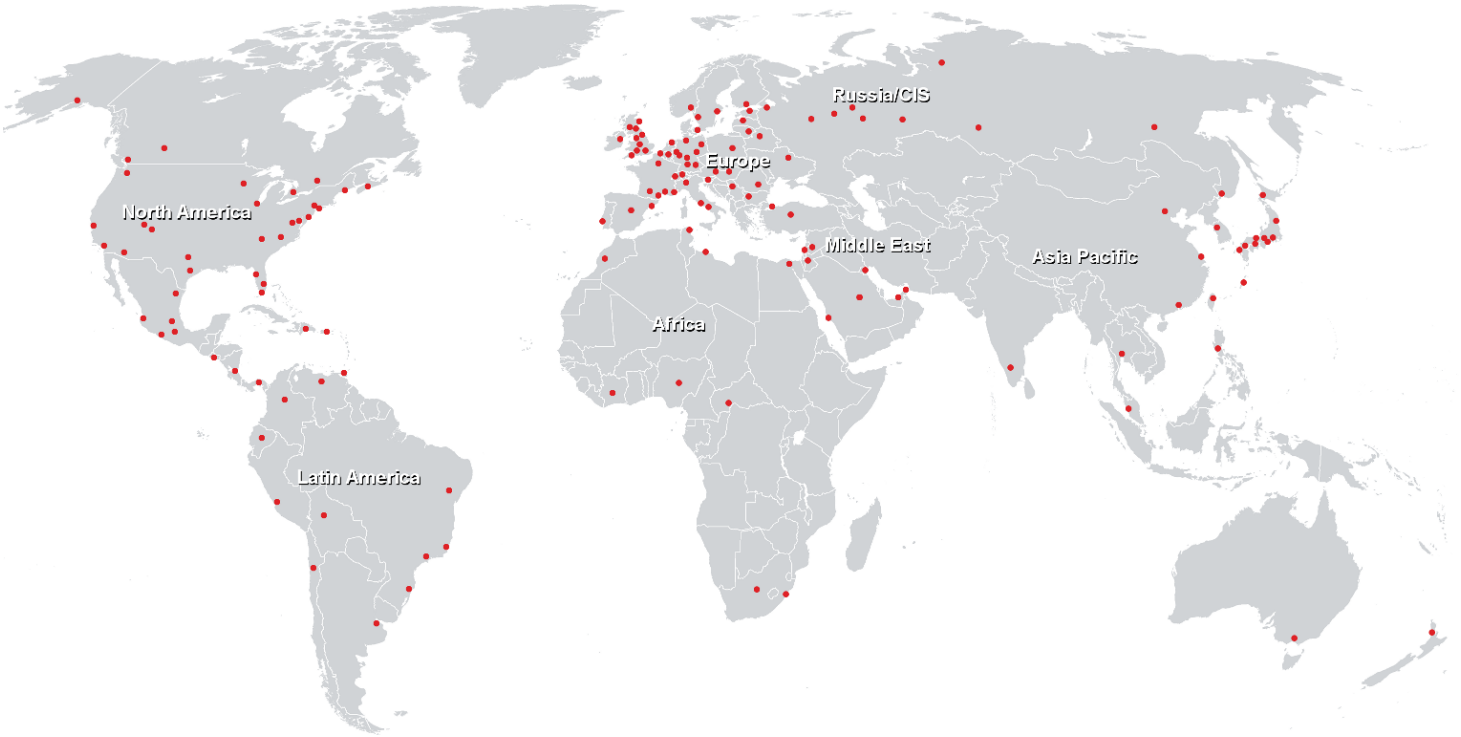
Course Content

- Powershell, Bash & Co. – Why Powershell is diffrent?
- From admin tools to application development - who is Powershell for?
- Platforms, features & versions: What can Powershell do?
- Tools: Shell, ISE and Visual Studio
- Syntax 1x1: How different command variants call the same cmdlet
- Cmdlet wanted! Self-help with on-board resources and Microsoft Learn
- Arrays of Objects - How objects work and why they rarely come alone.
- Counting, filtering, selecting - the standard operations in the pipeline (Select, Sort, Measure, Where, Foreach)
- Arrays in detail
- Work with Select: Calculated Properties
- Decoding the pipeline! How it really works and why sometimes it doesn't
- Powershell drives - short and sweet
- Powershell grenzenlos: Remoting

- Copy & paste: Why it sometimes makes sense to use script code from the Internet and what speaks against it
- Certificates, code signing and basic security in Powershell
- Loops and branches - how to master typical code constructions
- Input, output, parameters (CSV, XML, JSON and parameter transfers)
- Divide and conquer: How functions make code clearer
- Living with errors: Error handling
- Troubleshooting Scripts
- How WMI and CIM help to uncover system secrets
- Everything at once: parallelization with jobs

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Training Centres worldwide





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