

Workshop Microsoft PowerShell Fundamentals & Advanced Bundle (MSPSFA)

ID MSPSFA **Price** 3,300.— €(excl. tax) **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 different?
- 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

About Fast Lane



Fast Lane is a global, award-winning specialist in technology and business training as well as consulting services for digital transformation. As the only global partner of the three cloud hyperscalers- Microsoft, AWS and Google- and partner of 30 other leading IT vendors, Fast Lane offers qualification solutions and professional services that can be scaled as needed. More than 4,000 experienced Fast Lane professionals train and advise customers in organizations of all sizes in 90 countries worldwide in the areas of cloud, artificial intelligence, cyber security, software development, wireless and mobility, modern workplace, as well as management and leadership skills, IT and project management.

Fast Lane Services

- ✓ High End Technology Training
- ✓ Business & Soft Skill Training
- ✓ Consulting Services
- ✓ Managed Training Services
- ✓ Digital Learning Solutions
- ✓ Content Development
- ✓ Remote Labs
- ✓ Talent Programs
- ✓ Event Management Services

Training Methods

- ✓ Classroom Training
- ✓ Instructor-Led Online Training
- ✓ FLEX Classroom – Classroom & Online Hybrid
- ✓ Onsite & Customized Training
- ✓ E-Learning
- ✓ Blended & Hybrid Learning
- ✓ Mobile Learning

Technologies & Solutions

- ✓ Digital Transformation
- ✓ Artificial Intelligence
- ✓ Cloud
- ✓ Networking
- ✓ Cyber Security
- ✓ Wireless & Mobility
- ✓ Modern Workplace
- ✓ Data Center



Worldwide Presence
with high-end training centers
around the globe



Multiple Awards
from vendors such as AWS,
Microsoft, Cisco, Google, NetApp,
VMware



Experienced SMEs
with over 19.000 combined
certifications

Germany

Fast Lane Institute for Knowledge
Transfer GmbH

Tel. +49 40 25334610

info@flane.de / www.flane.de

Austria

ITLS GmbH

(Partner of Fast Lane)

Tel. +43 1 6000 8800

info@itls.at / www.itls.at

Switzerland

Fast Lane Institute for Knowledge
Transfer (Switzerland) AG

Tel. +41 44 8325080

info@flane.ch / www.flane.ch