PS305: PowerShell Training for Administrators

No prior scripting experience is required! If you can run "Ipconfig," then you can master PowerShell. Rather than relying on complex scripting languages and partial capabilities, you'll finally enjoy a complete, consistent administrative experience that encompasses both the GUI and the command-line. Create administrative processes that match your needs, operate your way, and accomplish your tasks. Even if you're a complete novice, you'll learn how to use the shell as a command-line tool, rather than a scripting language - and then how to take PowerShell as far as it will go, including building your own GUI tools. Learn how to run commands, manage processes and create Active Directory users in this 5-day course.

AUDIENCE

This course is designed for anyone who needs to learn PowerShell, starting from the beginning and reaching expert level. This course is valuable for network administrators that want greater efficiency in their daily administrative work. Students do not need to have any prior programming experience.

PREREQUISITES

» Basic computer networking skills
» Basic command line skills
» Microsoft Windows administrative skills

WHAT YOU WILL LEARN

This class uses latest approaches, examples, and samples in Windows PowerShell V4. This class also includes a preview of PowerShell V5 functionality. You'll receive full access to all of sample scripts and shell transcripts upon completion of the class. This course will teach you how to create reusable, parameterized tools that your coworkers and colleagues can use. You'll debug scripts, manage command errors and extend the shell. You'll see how to teach yourself how to use shell extensions, instantly making Exchange Server, SharePoint Server, SQL Server, Active Directory, System Center, and much more all accessible through PowerShell.
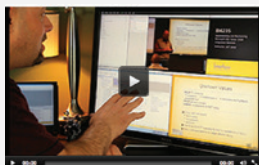
$2495.00

- 5-day course
- Compatible with MOC 10961
- Promo and package discounts may apply
- SA Voucher Eligible

QUESTIONS?
Call 602-266-8585

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COURSE OUTLINE

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1. Before you begin

2. Meet PowerShell

3. Using the help system

4. Running commands

5. Working with providers

6. The pipeline: connecting commands

7. Adding commands

8. Objects: data by another name

9. The pipeline, deeper

10. Formatting—and why it's done on the right

11. Filtering and comparisons

12. A practical interlude

13. Remote control: one to one, and one to many

14. Using Windows Management Instrumentation

15. Multitasking with background jobs

16. Working with many objects, one at a time

17. Security alert!

18. Variables: a place to store your stuff

19. Input and output

20. Sessions: remote control with less work

21. You call this scripting?

22. Improving your parameterized script

23. Advanced remoting configuration

24. Using regular expressions to parse text files

25. Additional random tips, tricks, and techniques

26. Using someone else's script

27. Never the end

28. PowerShell cheat sheet

29. Desired State Configuration