



*Training Course:
Automating Administration with PowerShell*

*6 - 10 April 2025
Sharm El-Sheikh (Egypt)
Sheraton Sharm Hotel*

Training Course: Automating Administration with PowerShell

Training Course code: SC235259 From: 6 - 10 April 2025 Venue: Sharm El-Sheikh (Egypt) - Sheraton Sharm Hotel
Training Course Fees: 3850 € Euro

Introduction:

- Welcome and Overview
- Brief introduction to PowerShell
- Importance of automation in administration

Objectives:

- Understand the fundamentals of PowerShell
- Learn to automate common administrative tasks
- Gain proficiency in scripting and automation techniques
- Apply PowerShell for system management and configuration

Target Audience:

- System Administrators
- IT Professionals
- Network Administrators
- Anyone interested in automating administrative tasks

Outlines:

Day 1:

PowerShell Fundamentals

- Introduction to PowerShell
- PowerShell syntax and basic commands
- Working with variables and data types

- Control flow and logic in PowerShell
- Introduction to functions and modules

Day 2:

Scripting and Automation Basics

- Writing basic scripts
- Error handling and debugging
- Introduction to PowerShell remoting
- Automating file and folder operations
- Managing Active Directory with PowerShell

Day 3:

Advanced Scripting Techniques

- Working with PowerShell providers
- Advanced functions and parameters
- PowerShell workflows
- Scheduled tasks and job automation
- Introduction to Desired State Configuration DSC

Day 4:

Managing Systems with PowerShell

- Working with Windows Management Instrumentation WMI
- PowerShell and Windows Registry
- Automating software installations
- Monitoring and logging with PowerShell
- Introduction to PowerShell Gallery

Day 5:

Real-world Automation Scenarios

- Case studies and real-world scenarios
- Best practices for PowerShell automation
- Q&A and troubleshooting session
- Final project: Design and implement a comprehensive automation script
- Peer review and feedback
- Closing remarks and certification distribution

Registration form on the Training Course: Automating Administration with PowerShell

Training Course code: SC235259 From: 6 - 10 April 2025 Venue: Sharm El-Sheikh (Egypt) - Sheraton Sharm Hotel Training Course Fees: 3850 € Euro

Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

Delegate Information

Full Name (Mr / Ms / Dr / Eng):
 Position:
 Telephone / Mobile:
 Personal E-Mail:
 Official E-Mail:

Company Information

Company Name:
 Address:
 City / Country:

Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng):
 Position:
 Telephone / Mobile:
 Personal E-Mail:
 Official E-Mail:

Payment Method

- Please find enclosed a cheque made payable to Global Horizon
- Please invoice me
- Please invoice my company

Easy Ways To Register

Telephone:
+201095004484 to
provisionally reserve your
place.

Fax your completed
registration
form to: +20233379764

E-mail to us :
info@gh4t.com
or training@gh4t.com

Complete & return the
booking form with cheque
to: Global Horizon
3 Oudai street, Aldouki,
Giza, Giza Governorate,
Egypt.