



WorkshopPLUS - Windows PowerShell: Foundation Skills

Microsoft Services



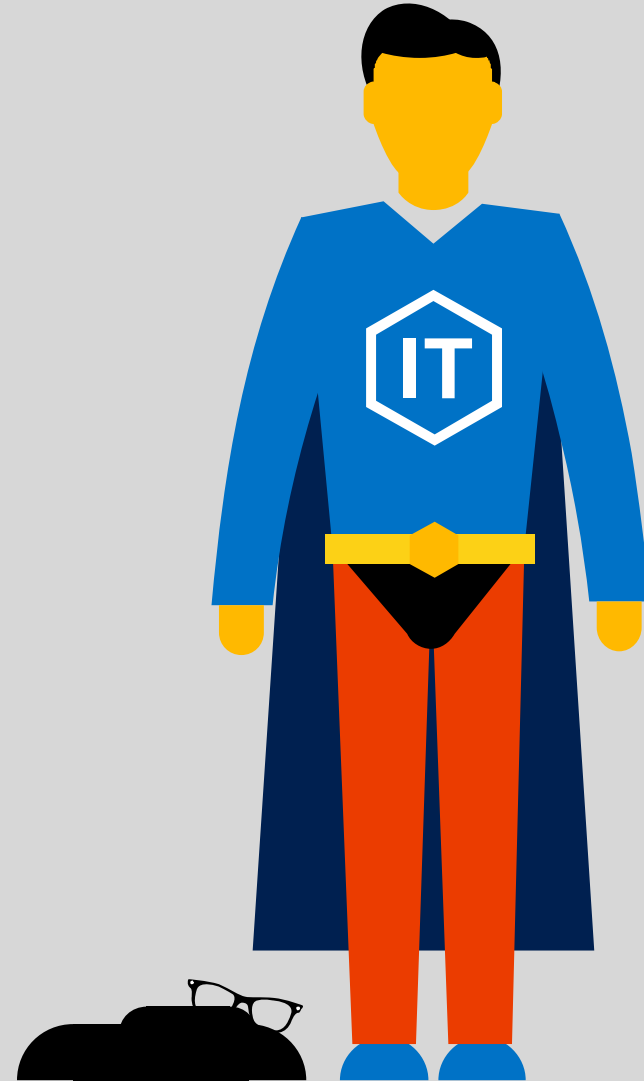
Instructor Introduction

- Name
- Specialty
- Experience



Attendee Introductions

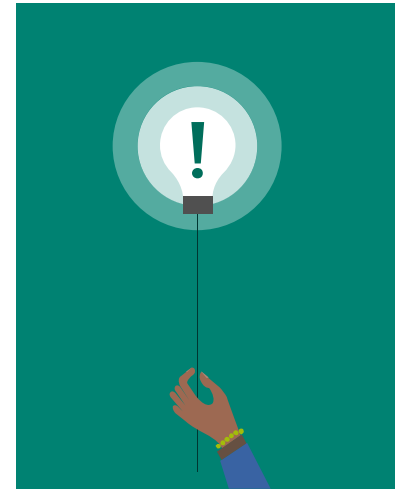
- Name
- Job/Team/Specialty
- Time Zone



Objectives

After completing WorkshopPLUS, you will be able to:

- use PowerShell interactively
- create scripts using the PowerShell integrated scripting environment
- package code in script-based modules for simplified deployment and distribution



Modules

Windows
PowerShell
Basics

Objects,
Variables and
Data Types

PowerShell
Built-In Help
System

From Script
Blocks to
Scripts

Operators and
Pipelining

Flow Control
and Collection
Types

Appendix



Agenda Day 1

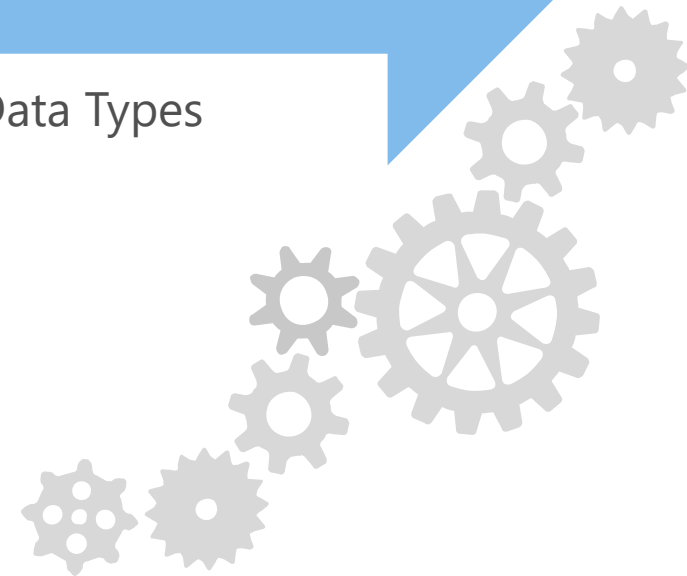
Windows PowerShell Basics

- Introduction to Windows PowerShell
- Introduction to Commands



Objects, Variables and Data Types

- Object Models
- Variables and Data Types



Agenda Day 2

PowerShell Built-In Help System

- Using the PowerShell Help System



From Script Blocks to Scripts

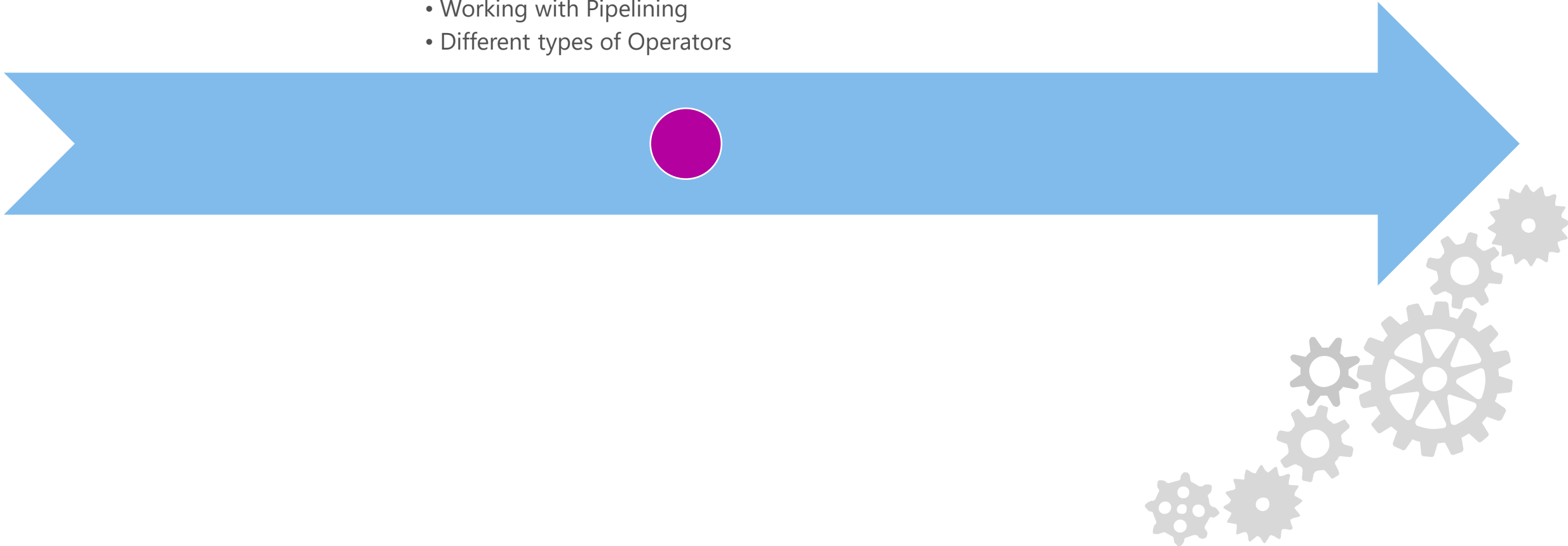
- Using Script Blocks
- Providers
- Scripts



Agenda Day 3

Operators and Pipelining

- Introduction to Operators
- Understanding the Windows PowerShell Pipeline
- Working with Pipelining
- Different types of Operators



Agenda Day 4

Flow Control and Collection Types

- Flow Control
- Arrays
- Hash Tables



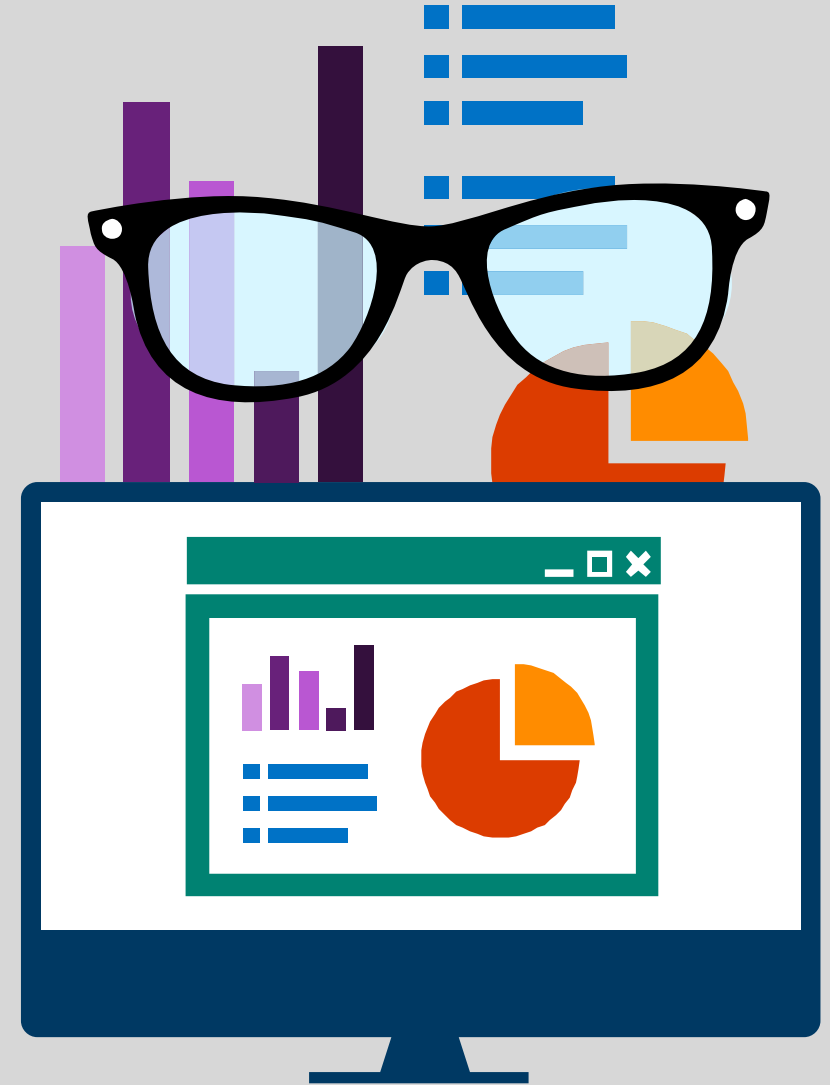
Appendix

- PowerShell Best Practices



Get Ready to Participate

- Close email and Update Status
- Open Group Chat
- Prepare to be Called on



Getting the most from this class




Annotation tools

Emoticons

Voice discussions

...but stay **engaged.**

A close-up portrait of a young boy with dark skin and short black hair. He is wearing a white t-shirt and has his chin resting on his right hand, looking directly at the camera with a thoughtful expression.



Virtual Training

Tour of your virtual classroom

- Introduction to the Skype tools you will use in class
- Demonstration of the LOD environment

How to give feedback



Accessed by clicking the pen icon, in the upper-right corner of your Skype window



Yes



No



Question



Technical issues



Stepped away

Connect to Lab environment LOD

Using the desktop version of IE go to: <https://aka.ms/premiereducation>

Sign in with your Microsoft account (Live ID/Azure Id)

If you do not have one, then create it here: <http://live.com>

Click "Redeem Training Key"

Register the lab code

