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Introducing PowerShell 7

In this chapter, we cover the following recipes:

* Exploring new Operators (pipeline chain and ternary)
* Exploring Parallel processing
* Explore Performance improvements
* Using Test-Connection
* Using Select-String
* Exploring Error view and Get-Error

# Introduction

Microsoft first released Windows PowerShell in November 2006 for Windows XP and Windows Server 2003. Microsoft released significant updates over the years, ending wit Windows PowerShell 5.1 which ships inside the latest versions of Windows 10 and Windows Server 2019.

In 2016, Microsoft moved the product into open source. The first two versions of what was then named PowerShell Core were great as a proof of concept, With the release of PowerShell 7 in March 2020, the Power5hell team released what is, in effect, the next version of PowerShell for IT pros. The latest version, PowerShell 7.1 was released in 2020 and is a small upgrade to PowerShell 7.

# Exploring New Operators

(pipeline chain and ternary)Recipe 2

## Getting Ready

Specific stuff you need to do this recipe

## How to do it...

1. Step by step

## How it works...

Screen shots for each step that generates one

## There's more...

Some things of interest in this recipe

Repeat the recipe structure

# Exploring Parallel Processing

This recipe, blah blah

## Getting Ready

Specific stuff you need to do this recipe

## How to do it...

1. Step by step with code:

Get-Package -ProviderName 'msu' |

Select-Object -ExpandProperty Name

1 2 3 4 5 6 7

1234567890123456789012345678901234567890123456789012345678901234567890123

This shows how that the line width for code will be 73 characters.

## How it works...

Screen shots for each step that generates one

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# Exploring Performance Improvements

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# Using Test-Connection

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# Using Select-String

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# Exploring Error View and Get-Error

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