Remoting with PowerShell

INTRODUCTION TO POWERSHELL

Michael Bender
AUTHOR EVANGELIST, PLURALSIGHT

@MichaelBender

What We'll Cover

PowerShell remoting basics

Enabling remoting

Working with variables

Remoting with PowerShell

Running Remote Commands with Powershell

WMI

Windows Remote Management (WinRM)

SSH

RPC

PowerShell Remoting Basics

**WS-MAN
(HTTP or HTTPS)**

WinRM

WinRM

```
PS> Enable-PSRemoting

PS> Set-PSSessionConfiguration
```

Enable PowerShell Remoting on Windows PowerShell

```
PS> Install-PowerShellRemoting.ps1
```

Enable PowerShell Remoting in PowerShell Core

Demo

Requirements for remoting with PowerShell

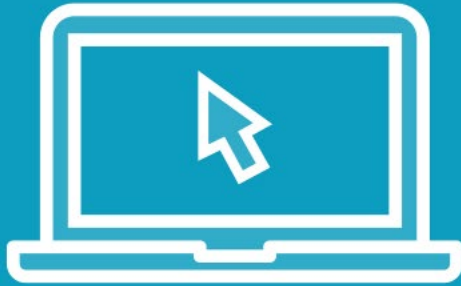# Working with Variables

$A = 1

Integers

$B = "Server2"

Strings

$C = Get-Service

Commands

Demo

Working with variables

Options for Remoting with PowerShell

-Computername

parameter

*-PSSession

cmdlets

Invoke-Command

New-CimSession

Demo

Remoting with PowerShell

Wrap Up
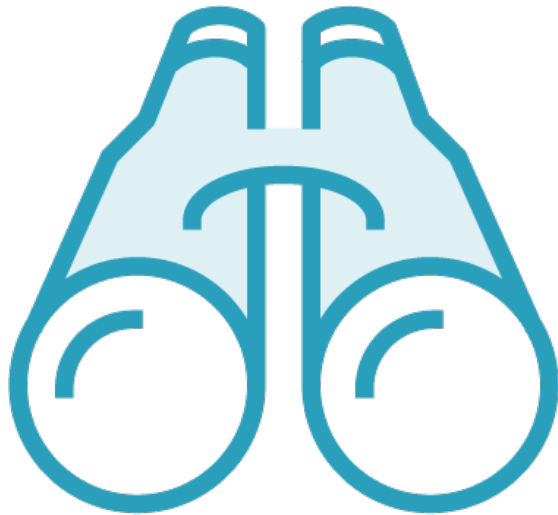
WS-Management

Requirements for remoting

Variables

Remoting options

Next Up

Building a user inventory script with PowerShell