

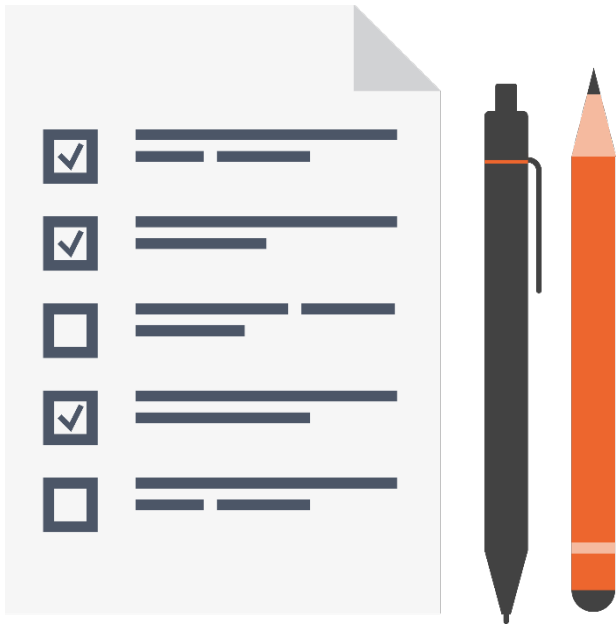
Remoting with PowerShell



Michael Bender

Itsallgeek2mike.com | [@michaelbender](https://twitter.com/michaelbender)

What We'll Cover



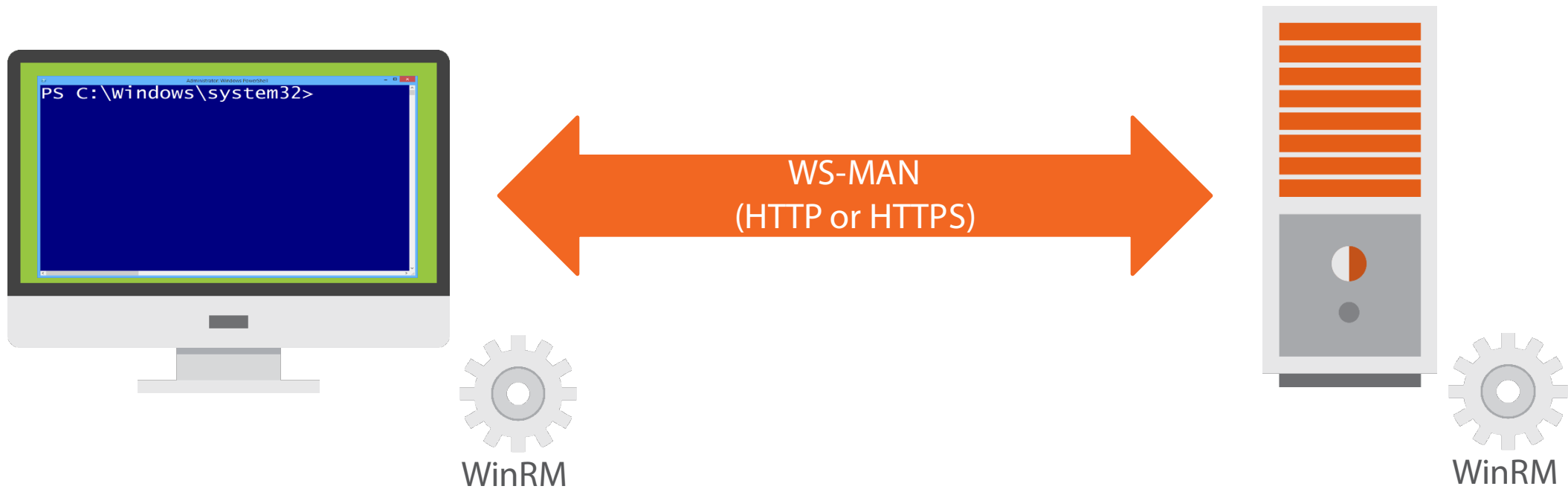
PowerShell Remoting Basics

Enabling Remoting

Working with Variables

Remoting with PowerShell

PowerShell Remoting Basics



Enable Remoting and Permissions

Enable Remoting

- Run `Enable-PSRemoting`

Set Permissions

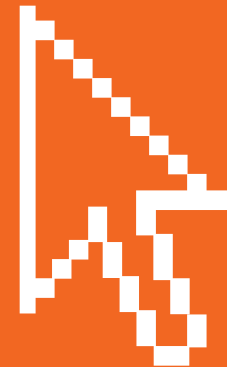
- Run `Set-PSSessionConfiguration`
- Add as **Local Administrator**

Requirements for Remoting with PowerShell

`Enable-PSRemoting`

`Get-PSSessionConfiguration`

`Set-PSSessionConfiguration`



Working with Variables

Integers

- `$A = 1`

Strings

- `$B = "Server2"`

Commands

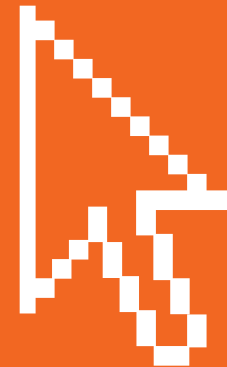
- `$C = Get-Service`

Working with Variables

Get-Variable

```
$Comp = "Client02"
```

Write-Output



Options for Remoting with PowerShell

-Computername
parameter

*-PSSession
cmdlets

Invoke-Command

New-CimSession

Remoting with PowerShell

`Get-Process -computername`

`New-PSSession`

`Enter-PSSession`

`Remove-PSSession`

`Invoke-Command`

`New-CIMSession`



Wrap Up

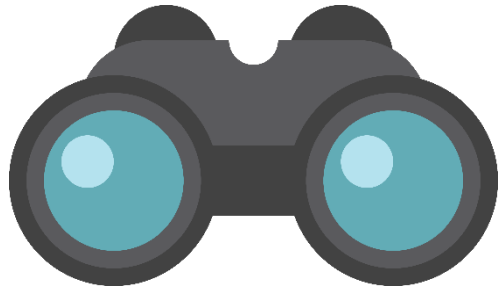
WinRM

Requirements
for Remoting

Variables

Remoting
Options

Next Up



Building A User Inventory Script with PowerShell