Getting Started with PowerShell

Objectives:

At the end of this episode, I will be able to:

1. Differentiate between the different PowerShell versions.
2. Run PowerShell as administrator.

Additional resources used during the episode can be obtained using the download link on the overview episode.

* PowerShell versions
  + Windows PowerShell
    - Installed by default
      * Windows 7 SP1 and later
      * Windows Server 2008 R2 SP1
    - Latest and last version is 5.1
    - Only supports Windows
  + PowerShell 7
    - aka core
    - Download MSI
    - Install from Microsoft Store
    - Supports Windows Updates
    - Multi-platform support
      * Windows
      * macOS
      * Linux

Search Powershell from Start Menu

Launch Windows PowerShell

$PSVersionTable

Open browser

https://docs.microsoft.com/en-us/powershell/scripting/install/installing-powershell-on-windows?view=powershell-7.2

Launch PowerShell 7

$PSVersionTable

Open Microsoft Store

Search for PowerShell

Launch PowerShell app

$PSVersionTable

* Running PowerShell
  + Does not interact with UAC
  + Run PowerShell as administrator when required

Run PowerShell from Start menu

Set-ExecutionPolicy -ExecutionPolicy RemoteSigned

Examine error

Run PowerShell as administrator

Set-ExecutionPolicy -ExecutionPolicy RemoteSigned

External Resources:

During this episode, you can reference the following external resources for supplementary tools and information:

* [Installing PowerShell on Windows](https://docs.microsoft.com/en-us/powershell/scripting/install/installing-powershell-on-windows?view=powershell-7.2)