Section Three – Summary of commands used

Get-Command Gets all commands or those that meet your search input.

Aliases: gcm

Clear-Host Clears the display in the host program

Aliases: clear, cls

New-ADUser Creates a new Active Directory user.

Read-Host Reads a line of input from the console.

Get-ADUser Gets one or more Active Directory users.

Set-ADUser Modifies an Active Directory user.

Search-ADAccount Gets Active Directory user, computer, or service accounts.

Unlock-ADAccount Unlocks an Active Directory account.

Get-ADGroup Gets one or more Active Directory groups.

Select-Object Selects objects or object properties.

Aliases: select

New-ADGroup Creates an Active Directory group.

Add-ADGroupMember Adds one or more members to an Active Directory group.

Help Function that uses Get-Help and pipes it to More in order to pause each page. Displays information about Windows PowerShell commands and concepts.

Get-ADGroupMember Gets the members of an Active Directory group.

Get-ADPrincipalGroupMembership Gets the Active Directory groups that have a specified user, computer, group, or service account.

Remove-ADGroupMember Removes one or more members from an Active Directory group.

Get-PSProvider Gets information about the specified Windows PowerShell provider.

Get-PSDrive Gets drives in the current session.

Aliases: gdr

Set-Location Sets the current working location to a specified location.

Aliases: cd, chdir, sl

Get-ChildItem Gets the files and folders in a file system drive.

Aliases: dir, gci, ls

Get-Alias Gets the aliases for the current session.

Aliases: gal

Get-Member Gets the properties and methods of objects.

Aliases: gm

Sort-Object Sorts objects by property values.

Aliases: sort

Out-Gridview Sends output to an interactive table in a separate window.

Aliases: ogv

Out-File Sends output to a file.

Get-Variable Gets the variables in the current console.

Aliases: gv

Measure-Object Calculates the numeric properties of objects, and the characters, words, and lines in string objects, such as files of text.

Aliases: measure

Measure-Command Measures the time it takes to run script blocks and cmdlets.

Where-Object Selects objects from a collection based on their property values.

Aliases: ?, where

See the Get-EmailAddressReport.ps1 script file for the final product of section 3 that creates our email address report.

Tips

* Use TAB to complete cmdlets, paths, and parameters
  + Ensures availability
  + Ensures proper spelling
* Use UP arrow to bring back the previous commands used
* Use ESC to clear an entire command string