**Section 1 Cmdlets, Aliases, and Parameters used (as well as related Cmdlets)**

Get-History

Gets a list of the commands entered during the current session.

Aliases: ghy, h, history

Clear-Host

Clears the display in the host program.

Aliases: cls, clear

Get-Date

Gets the current date and time.

Get-Service, Start-Service, Stop-Service

Gets, starts, or stops the services on a local or remote computer.

Aliases: Get-Service gsv, Start-Service sasv, Stop-Service spsv

Update-Help or Save-Help

Downloads and installs or saves the newest help files on your computer

Update-Help -SourcePath

Will used files provided by Save-Help to install help files on an offline computer

Get-Help

Displays information about Windows PowerShell commands and concepts.

Commonly used parameters:

-Examples (displays examples)

-Full (displays full help file)

-Online (displays newest help available in web browser from Microsoft site)

-Parameter (display help information for one or more parameters)

-ShowWindow (displays graphical external window with full help file, includes search bar)

Help

Function that uses Get-Help and more to pause a screen a t a time.

New-Item, Move-Item, Copy-Item, Remove-Item

Create, move, copy, or remove an item

Aliases: New-Item ni, Move-Item mi, Copy-Item copy or cpi or cp, Remove-Item rd or ri or rm

Measure-Command

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

Example usage: Measure-Command {Get-ChildItem -Path C:\Windows\\*.txt -Recurse}

Measure-Object

Calculates the numeric properties of objects, and the characters, words, and lines such as files of text.

Aliases: measure

Example usage: Get-ChildItem | Measure-Object

Get-ChildItem

Gets the files and folders in a file system drive

Aliases: dir, gci, ls

Get-Command

Gets all commands or those that match search criteria.

Aliases: gcm

Show-Command

Creates Windows PowerShell commands in a graphical command window.

Aliases: shcm

Get-Alias

Gets the aliases for the current session.

Aliases: gal

Get-Process, Start-Process, Stop-Process

Gets, starts, or stops the processes that are running on the local or remote computer.

Aliases: Get-Process gps or ps, Start-Process saps or start, Stop-Process kill or spps

-Confirm

A common parameter available that prompts you for confirmation before executing the command.

-WhatIf

A common parameter available that displays a message that describes the effect of the command, instead of executing the command.