Commands Used in Hyper-V Course

Secton 1, Lesson 2:

PowerShell : Set-VMProcessor -EnableHost ResourceProtection $true

Section 1, Lesson 4:

Command Prompt: SystemInfo

Section 1, Lesson 5:

PowerShell: Invoke-WebRequest <https://raw.githubusercontent.com/Microsoft/Virtualization-Documentation/master/hyperv-tools/Nested/Enable-NestedVM.ps1> -OutFile [Path]/NestedVM.ps1

PowerShell: ./NestedVM.ps1 -VMName “[VMName]”

Section 3, Lesson 2:

PowerShell: New-VMSwitch -Name “LAN” -NetAdapterName “Ethernet 3”

PowerShell: New-VMSwitch -Name “Private1” -SwitchType Private

Section 3, Lesson 3:

PowerShell: Enable-VMSwitchExtension -Name “Microsoft Windows Filtering Platform” -VMSwitchName LANAccess

PowerShell: Get-VMSystemSwitchExtension -VMSwitchName “LANAccess”

Section 4, Lesson 1:

PowerShell: Get-VMHostSupportedVersion -Default

PowerShell: Get-VM | Format-Table Name, Version

PowerShell: Update-VMVersion -VMName Svr2016

PowerShell: Get-VM -ComputerName(GetlClusterNode) | Stop-VM

PowerShell: Get-VM -ComputerName(Get-ClusterNode) | Update-VMVersion

PowerShell: Get-VM -ComputerName(Get-ClusterNode) | Start-VM

Section 4, Lesson 2:

PowerShell: New-VM -Name WebSvr2 -MemoryStartupBytes 4GB, -SwitchName LAN -NewVHDPath G:\WebSvr1.vhdx -NewVHDSizeBytes 128GB

Section 5, Lesson 5:

PowerShell: Enter-PSSession -VMName -Credential

PowerShell: Invoke-Command -VMName -Credential -ScriptBlock{} or

-Filepath

PowerShell: $S = New-PSSession -VMName -Credential

PowerShell: Enter-PSSession $S

PowerShell: Enter-PSSession -VMName Svr2019 -Credential JAS\Administrator

PowerShell: Get-Service|Where-Object Status -eq ‘Running’

PowerShell: Exit-PSSession

PowerShell: Invoke-Command -VMName Svr2019 -Credential JAS\Administrator -ScriptBlock{Get-Service|Where-Object Status -eq ‘Running’

PowerShell: $Sess = New-PSSession -VMName Svr2-10 -Credential JAS\Administrator -Name S1

PowerShell: Enter-PSSession -Session $Sess

PowerShell: Get-Service | Where-Object Status -eq ‘Running’

PowerShell: Exit-PSSession