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2014.04.26


PS C:\> Get-WindowsFeature -Name Hyper*
PS C:\> Install-WindowsFeature -Name Hyper-V -IncludeAllSubFeature -IncludeManagementTools
PS C:\> Restart-Computer -Force

PS C:\ISO-to-vhdx> .\Convert-WindowsImage.ps1 -VHDFormat VHDX -VHDPartitionStyle GPT -Edition ServerStandard -
SizeBytes 146GB -SourcePath .\SW_DVD9_Windows_Svr_Std_and_DataCtr_2012_R2_64Bit_English_-3_MLF_X19-53588.ISO -
VHDPath 'C:\vmstore\Hyper-V\Virtual Hard Disks\dc-01-win_svr_2012_r2_rtm_with_update_1_std_english_gen2.vhdx'

PS C:\> New-VMSwitch -Name LAB-star.local -SwitchType Internal
PS C:\> Get-VMSwitch

PS C:\> New-VM -Name Star-DC-01 -MemoryStartupBytes 1GB -Generation 2 -SwitchName LAB-star.local -VHDPath
'C:\vmstore\Hyper-V\Virtual Hard Disks\dc-01-win_svr_2012_r2_rtm_with_update_1_std_english_gen2.vhdx'
PS C:\> Get-VM 'Star-DC-01' | fl Name, Generation, MemoryStartup, ProcessorCount
PS C:\> (Get-VM 'Star-DC-01').NetworkAdapters | fl Name, VMName, SwitchName, MacAddress, Status

PS C:\> Get-VM
PS C:\> Get-VM | start-vm

PS C:\> Get-NetAdapter | fl
PS C:\> New-NetIPAddress -IPAddress 192.168.10.10 -PrefixLength 24 -DefaultGateway 192.168.10.254 -
InterfaceIndex 12
PS C:\> Set-DnsClientServerAddress -InterfaceIndex 12 -ServerAddresses 192.168.10.10, 192.168.10.20

C:\> cscript C:\Windows\System32\slmgr.vbs /ipk 12345-12345-12345-12345-12345
C:\> cscript C:\Windows\System32\slmgr.vbs /ato

C:\> tzutil /g
C:\> tzutil /s "Korea Standard Time"

C:\> hostname
C:\> netdom renamecomputer %COMPUTERNAME% /newname:star-dc-01 /Reboot:60 /Force

C:\> cscript C:\Windows\System32\SCregEdit.wsf /AR
C:\> cscript C:\Windows\System32\SCregEdit.wsf /AR /v
C:\> cscript C:\Windows\System32\SCregEdit.wsf /AR 0

PS C:\> Enable-PSRemoting -SkipNetworkProfileCheck -Force
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PS C:\> Export-Credential -Path C:\temp\cred-localadmin -Credential Administrator
PS C:\> Export-Credential -Path C:\temp\cred-domainadmin -Credential Administrator@star.local

PS C:\> Set-Item WSMan:\localhost\Client\TrustedHosts -Value * -Force
PS C:\> Get-Item WSMan:\localhost\Client\TrustedHosts

PS C:\> $hosts = cat C:\temp\hostlist-IPaddr.txt
PS C:\> $hosts
192.168.10.10
192.168.10.20
192.168.10.101
192.168.10.102
PS C:\> $localadmin = Import-Credential -Path C:\temp\cred-localadmin
PS C:\> Invoke-Command -ComputerName $hosts -ScriptBlock { hostname } -Credential $localadmin
PS C:\> Get-NetTCPConnection -RemotePort 5985 | ft -AutoSize

PS C:\> Enter-PSSession -ComputerName star-dc-01 -Credential $localadmin
[star-dc-01]: PS C:\> Exit-PSSession

PS C:\> Enter-PSSession -ComputerName star-dc-01 -Credential $localadmin
[star-dc-01]: PS C:\> Install-windowsfeature -name AD-Domain-Services -IncludeManagementTools
[star-dc-01]: PS C:\> Install-ADDSForest -DomainName star.local -DomainMode Win2012R2 -ForestMode Win2012R2

PS C:\> $domainadmin = Import-Credential C:\temp\cred-domainadmin
PS C:\> Enter-PSSession -ComputerName star-dc-01 -Credential $domainadmin
[star-dc-01]: PS C:\> netdom query DC

[star-dc-02]: PS C:\> Install-windowsfeature -name AD-Domain-Services -IncludeManagementTools
[star-dc-02]: PS C:\> Install-ADDSDomainController -DomainName star.local -safemodeadministratorpassword
(convertto-securestring "Password123!" -AsPlainText -Force) -Credential (Get-Credential)
[star-dc-01]: PS C:\> netdom query DC

PS C:\> Invoke-Command -ComputerName star-app-01, star-app-02 -Credential $localadmin -ScriptBlock { hostname ;
netdom join $env:computername /Domain:star.local /UserD:Administrator /PasswordD:'Password123!' /reboot:1 }
[star-dc-01]: PS C:\Users\Administrator\Documents> netdom query SERVER

PS C:\> Invoke-Command -ScriptBlock { Add-WindowsFeature Telnet-Client } -ComputerName $hosts -Credential
$domainadmin

[star-dc-01]: PS C:\temp> Invoke-WebRequest -Uri http://dl.7-zip.org/7z925-x64.msi -OutFile 7z925-x64.msi
[star-dc-01]: PS C:\temp> Unblock-File .\7z925-x64.msi
[star-dc-01]: PS C:\temp> Start-Process ".\7z925-x64.msi" -ArgumentList "/quiet" -Wait
[star-dc-01]: PS C:\temp> dir 'C:\Program Files\7-Zip'
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D:\> Setup.exe /qs /ACTION=Install /FEATURES=SQLEngine,Conn,SSMS,ADV_SSMS /INSTANCENAME=MSSQLSERVER
/SQLSVCACCOUNT="NT Service\MSSQLSERVER" /AGTSVCACCOUNT="NT Service\SQLSERVERAGENT"
/SQLSYSADMINACCOUNTS="STAR\Administrator" /TCPENABLED=1 /IAcceptSQLServerLicenseTerms
```