

Add-ADCentralAccessPolicyMember

Adds central access rules to a central access policy in Active Directory

Add-ADgroupmember PhoenixAdmins PhoenixAdmin01, PhoenixAdmin02

Add members to group

Add-ADResourcePropertyListMember

Adds one or more resource properties to a resource property list in Active Directory

Add-Computer -DomainName domainname.com

Joins a computer to domain

Add-NetSwitchTeamMember

Adds a network adapter member to an existing switch team

Add-PhysicalDisk

Adds a physical disk to storage pool

Add-WindowsFeature

Adds a role or feature

Configure-SMRemoting.exe -Enable

Used to configure a computer running Windows Server 2012 for Remote Management

Configure-SMRemoting.exe -Get

Used to find out if a computer is configured for Remote Management

Enable-ADOptionalFeature -Identity 'CN=Recycle Bin Feature,CN=Optional Features,CN=Directory Service,CN=Windows

NT,CN=Services,CN=Configuration,DC=nuggetlab,DC=com' -Scope

ForestOrConfigurationSet -Target 'domain.com'

Enable Active Directory Recycle Bin

Enable-NetFirewallRule

Enables a previously disabled firewall rule to be active within the computer or a GP OU

Enable-PSRemoting

Configures the computer to receive Windows PowerShell remote commands that are sent by using the WS-Management technology

Enter-PSSession remote server name -credential user name

Establishes a PS session with a remote computer

Get-ADTrust

Returns all trusted domain objects in the directory

Get-ADUser

Gets one or more Active Directory users

Get-DNSServerGlobalQueryBlockList

List of servers that it does not respond to when the DNS server receives a query to resolve the name in any zone for which the server is authoritative

Get-Help Install-WindowsFeature

Gets the syntax and accepted parameters for the Install-WindowsFeature Cmdlet

Get-NetIPAddress

Gets information about IP address configuration

Get-StoragePool

Show storage pools

Get-VirtualDisk

Show virtual disks

Get-VM –ComputerName <NAME> | Enable-VMResourceMetering

Enable Hyper-V resource metering on Hyper-V host

Get-VM –ComputerName NAME | Measure-VM

To get all VMs metering data

Get-WindowsFeature

Used to get a list of roles and features installed on a computer running Server 2012

Import-GPO

Imports a GPO

Import-Module

Adds module to the current session

Install-ADDSDomain

Installs New Domain

Install-ADDSDomainController

Installs additional DC

Install-ADDSForest

Installs new forest

Install-AddsForest –DomainName “example.com”

Used to promote a server to an Active Directory Domain Controller and make that new DC responsible for a new forest

Install-WindowsFeature

(for remote computer add the –computer flag, as in Install-WindowsFeature <Feature>  
-Computer <ComputerName>  
Adds a role or feature

Install-WindowsFeature –name AD-Domain-Services  
Installs Active Directory binaries

Install-WindowsFeature Migration  
Adds Migration tools

Install-WindowsFeature –Name Hyper-V –ComputerName<name>  
-IncludeManagementTools -Restart  
Installs Hyper-V on remote computer

Install-WindowsFeature Server-Gui-Mgmt-Infra  
Installs Minimal Server Interface from Server Core

Install-WindowsFeature Server-Gui-Mgmt-Infra, Server-Gui-Shell –Restart  
Switch from Server Core to Full GUI

Netdom renamecomputer %ComputerName% /NewName: <NewComputerName>  
Renames computer

New-ADGroup (with appropriate flags)  
Creates a new AD group

New-ADUser  
Creates new AD user

New-GPO  
Creates a new GPO

New-GPStarterGPO  
Creates a new starter GPO

New-NetFirewallRule  
New firewall rule

New-NetIPAddress –IPAddress 10.10.10.73 –InterfaceAlias “Ethernet” –DefaultGateway  
10.10.10.1 –PrefixLength 24  
Configures IP address- Server Core

New-SMBShare –Name Documents –Path D:\Shares  
Creates a new SMB Quick share named Documents with the drive label D:

New-StoragePool –FriendlyName –StorageSubSystemFriendlyName –PhysicalDisks  
Used to create a storage pool

New-NetRoute –InterfaceIndex 13 –DestinationPrefix 2001:ABCD: /64 –Publish Yes  
Configure Network Route for ISATAP Interface

New-NetSwitchTeam  
Creates a new switch team (for network traffic failover)

New-VM –Name “VMNAME” –MemoryStartupBytes <memory> -NewVHDSIZEBytes  
<disksize>  
Create a Hyper-V virtual machine

Remove-ADCentralAccessPolicy  
Creates a new central access policy in Active Directory containing a set of central  
access rules

Repair-VirtualDisk  
Repair virtual disk

Reset-ADServiceAccountPassword  
Resets the password for a standalone managed service account. Reset is not  
supported for group managed service accounts.

Reset-PhysicalDisk  
Removes physical disk from storage pool

Restart-Computer  
Restarts a computer

Set-DnsClientServerAddress -InterfaceAlias "Ethernet" -ServerAddresses 10.10.10.70,  
10.10.10.1  
Configure DNS address- Server Core

Set-DNSServerGlobalQueryBlockList  
Replaces all names in the list of names that the DNS server does not resolve with the  
names that you specify (if you need to resolve name such as ISATAP or WPAD remove  
these names from the list).

Set-ExecutionPolicy  
Enables you to determine which Windows PowerShell scripts will be allowed to run on  
your computer

Set-NetFirewallProfile  
Enable Windows firewall

Set-NetFirewallRule

Modify existing firewall rule

Set-NetIPAddress

Modifies IP address configuration properties of an existing IP address

Set-NetIPInterface

Modifies IP interface properties such as in DHCP, IPv6 neighbor discovery settings, router settings, and Wake on LAN settings.

Set-NetIPv4Protocol

Modifies information about the IPv4 protocol configuration

Set-RemoteDesktop –Enable

Enable Remote desktop connections to the server

Show-WindowsFeatures

List of roles and features installed on a computer

Sync-ADObject

Replicates a single object between any two domain controllers that have partitions in common

Test-ADServiceAccount

Tests a managed service account from a computer

Uninstall-ADDSDomainController –ForceRemoval –LocalAdministratorPassword <password> -Force

Demotes a domain controller

Uninstall-WindowsFeature –Name GPMC –Vhd “path” –Remove

Features on Demand- removes binaries for Group Policy Management Console (can be used for any other feature).

Uninstall-WindowsFeature Server-Gui-Mgmt-Infra, Server-Gui-Shell –Restart (use –Remove before the restart to remove binaries)

Switch from full GUI to Server Core

Uninstall-WindowsFeature Server-Gui-Shell –Restart

Switch from Full to Minimal Server Interface; no IE, taskbar, Windows Explorer, or Control Panel