Enable Remoting:

PowerShell.exe as Administrator

Enable-PSRemoting

A

#

Enable-WSManCredSSP –Role Server

Y

# Enable WS Management Credentials SSP on a client

# This will allow a compromised computer to get your credentials from remoting

Enable-WSManCredSSP –Role Client

#

Add-PSSnapin Microsoft.SharePoint.PowerShell

Get-SPWebApplication <http://srv4023>

SharePoint Product Info:

SharePoint Management Shell.exe as Administrator

# To show all SharePoint products

Get-SPProduct

# To show all SharePoint products on local server

Get-SPProduct –Local

# Get Advanced Information & export it to .txt in C:\

Get-SPProduct –Local | Select \* > C:\ProductInfo.txt

Deleted Sites:

SharePoint Management Shell

# To show SharePoint deleted site

Get-SPDeletedSite

# To Restore a SharePoint deleted Site

$site = Get-SPDeletedSite

Restore-SPDeletedSite $site

# To remove a deleted site from the deleted site collection

Remove-SPDeletedSite –Identity <http://srv4023/sites/prod>

SPSite Administration:

Central Administration -> Application Management -> Site Collection List

-Open SharePoint Management Shell

# Get the Site Collection

Get-SPSiteAdministration | Select \*

# Getting SharePoint Url, Owner Login Name, and Storage level

Get-SPSiteAdministration | Select –Property Url, OwnerLoginName, @{Name=”storage”;Expression={$\_.Quota.StorageMaximumLevel}}

# Get all Used Disk on srv4023

Get-SPWebApplication <http://srv4023> | Get-SPSiteAdministration –Limit All |

ForEach-Object {$sum=0}{ $sum+=$\_.DiskUsed }{$sum}

# Getting a specific Web Application in Share Point Site Administration

Get-SPSiteAdministration –Identity <http://srv4023/sites/(Sales|Prod)> –Regex

General Commands:

SharePoint Management Shell.exe

#

Get-SPBrowserCustomerExperienceImprovementProgram –WebApplication <http://srv4023>

# Enable Share Point Farm

Set-SPBrowserCustomExperienceImprovementProgram –Farm –Enable

# Specify a Bing Maps Key

Set-SPBingMapsKey –BingKey AiDL2Bbfxxxxx

# Get a Developer key for Bing Maps

Get-SPBingMapsKey

# Define a SharePoint Web

$w = Get-SPWeb <http://srv4023/sites/sales>

$w | Select \*

-Open a SharePoint Management Shell.exe

Start-SPAssignment –Global

$w = Get-SPWeb <http://srv4023/sites/sales>

$w.Set\_Title(“My Sales”)

$w.Update()

Stop-SPAssignment –Global

Access Service App:

Central Administration -> Manage service applications -> Access Services 2010

SharePoint Management Shell.exe

Get-SPAccessServiceApplication | Select \*

# Change Maximum Request Duration

Get-SPAccessServiceApplication |

Set-SPAccessServiceApplication –RequestDurationMax 400

# Create a new Access Service Application

New-SPAccessServiceApplication –Name “MyAccessService”

SharePoint Designer Settings:

# Configure SharePoint Designer Settings with a Farm environment

# Using commands to Enable/Disable specific activities

General Application Setting -> Designer Settings -> Enable SharePoint Designer

-Open SharePoint Management Shell.exe

$siteurl = <http://srv4023>

$webapp = Get-SPWebApplication $siteurl

$webapp.AllowDesigner = $False

$webapp.Update()

# Try disabling Master Page Editing & Revert From Template & Show Url Structure

$webapp.AllowMasterPageEditing = $false

$webapp.AllowRevertFromTemplate = $false

$webapp.ShowURLStructure = $false

$webapp.Update()

Manage User Licenses:

-Open SharePoint Management Shell

# Show all User License

Get-SPUserLicense

# Create new User License using Domain Groups

$a = New-SPUserLicenseMapping –SecurityGroup “Domain Users” –License Enterprise

$a | Add-SPUserLicenseMapping

Enable-SPUserLicensing

Start and Stop SharePoint Service:

-Open SharePoint Management Shell

$service = “Visio Graphics Service”

Get-SPServiceInstance –Server $env:COMPUTERNAME |

Where-Object {$\_.TypeName –eq $service} | Select status

# To stop the Service Instance of Visio Graphics Service

Get-SPServiceInstance –Server $env:COMPUTERNAME |

Where-Object {$\_.TypeName –eq $service} | Stop-SPServiceInstance

SP Health Analysis Rule:

SharePoint Management Shell as Administrator

Get-SPHealthAnalysisRule

Get-SPHealthAnalysisRule –Identity “Blah blah”

# To disable a Health Analysis Rule

Disable-SPHealthAnalysisRule

# To enable a Health Analysis Rule

Enable-SPHealthAnalysisRule

Diagnostic Logging:

Central Administration -> Monitoring

-Open SharePoint Management Shell

Get-SPDiagnosticConfig

# Define SharePoint Log Location for Diagnostics Configuration

Set-SPDiagnosticConfig –LogLocation C:\DiagnosticLog

# Enable Maximum Disk Space Usage logging

Set-SPDiagnosticConfig –LogMaxDiskSpaceUsageEnabled

# Change Maximum Disk Space Usage in GB

Set-SPDiagnosticConfig –LogDiskSpaceUsageGB 500

# Change Trace variable

Set-SPLogLevel –TraceSeverity Monitorable

# Check SharePoint Diagnostic Configuration again

Get-SPDiagnosticConfig

Recover Data from an Unattached Content Database:

Central Administration -> Manage Content Database

-Open SharePoint Management Shell

# Take a Content Database offline

Dismount-SPContentDatabase “WSS\_Content\_Unattached”

# To restore a Content Database

Get-SPContentDatabase –ConnectAsUnattachedDatabase –DatabaseName “WSS\_Content\_Unattached” –DatabaseServer SQL4025.Diallonics.com