**SharePoint 2010 Farm Discovery**

You may use following PowerShell Scripts to discover your current SharePoint 2010 Environment

1. **List Site Collection Data**

This script collects

* Site Collection URL
* Content Database
* Site Collection Owner(s)
* Last Modified Date

***Get-SPWebApplication|get-spsite -limit all|ft Url, contentdatabase, Owner, LastContentModifiedDate -auto|out-file -width 500 c:\temp\SCList.csv***

Following script discovers Site Collection Sizes

***get-spwebapplication|get-spsiteadministration -Limit All|ft url,diskused -autosize|out-file –width 500 c:\temp\SCSize.csv***

1. **List all Database Information**

This script gathers basic information on Content, config and Service Application databases.

***Get-SPDatabase |ft name, disksizerequired, server, needsupgrade, canupgrade, canselectforbackup, isreadonly, status, version,failoverserver -auto|out-file -width 500 c:\temp\db.csv***

1. **List all SubSites (URL, Template, Language and UIVersion)**

***Get-SPWebApplication|get-spsite -limit ALL|get-spweb -limit ALL|ft url, webtemplate, Configuration, uiculture,uiversion -auto|out-file -width 500 c:\temp\AllSites\_templates\_UIVersion.csv***

1. **Find all Solutions**

***get-spsolution|ft name,solutionid,deploymentstate,containsglobalassembly -auto|out-file c:\temp\Solutions.csv -width 300***

1. **list all templates**

***get-spwebtemplate|sort-object "name"|out-file c:\temp\Templates.csv -width 300***

1. **List all features**

***Get-SPWebApplication|get-spsite -limit ALL|get-spweb -limit ALL|%{get-spfeature -web $\_}|select displayname , id -unique|out-file -width 500 c:\temp\features.csv***

1. **List Managed Paths**

***get-spwebapplication | %{$url = $\_.url; write-host “`nWeb app: $($\_.url)”; get-spmanagedpath -webapplication $\_ | %{write-host ”     Type: $($\_.type) – url: $($url)$($\_.name)”}}***

1. **List Alternative Access Mappings**

***Get-spalternateurl|out-file c:\temp\aam.csv –width 500***

1. **List All Service Applications**

***get-spserviceapplication|ft name, typename, applicationpool -auto |out-file c:\temp\sa.csv -width 500***

1. **List All Service Applications**

Use the following Powershell or the attached **servicesonserver.PS1** file.

***Add-PSSnapin microsoft.sharepoint.powershell -ErrorAction SilentlyContinue***

***$services = new-object system.collections.sortedlist***

***$servers = (get-spfarm).servers***

***foreach ($server in $servers)***

***{***

***foreach($service in $server.serviceinstances)***

***{***

***if ($service.status = "Online")***

***{***

***$s = $service.typename***

***if ($services.contains($s))***

***{***

***$serverlist = $services[$s]***

***$servername = $server.name***

***$services[$s] = "$serverlist - $servername"***

***}***

***else***

***{***

***$services[$s] = $server.name***

***}***

***}***

***}***

***}***

***$services***

1. **Farm Info**

***get-spfarm|fl version, properties, servers|out-file c:\temp\farminfo.csv***

1. **Web Application Details**

***Get-spwebapplication|fl|out-file c:\webapp.csv –width 500***

1. **Find Custom Workflows**

Use attached **Discoverworkflow.ps1**

1. **Find Custom InfoPath Forms**

Use **DiscoverInfopath.PS1** or use the following Script

1. **Find List Details**

This script can be used to identify the following.

* List Templates (For example, Slide Libraries)
* Last modified Date
* List item count
* Versioning Details (Major/Minor)
* Whether checkout enabled

You may run **listdetails.ps1**

1. **Find Extraneous Versions**

This lists all documents with versions exceeding a specific count.

You may run **versionreport.ps1**

1. **Find sites with Hardcoded Navigation**

Use following script to discover sites with hardcoded navigation.

**Discoverhardcodedtopnav.ps1** – Lists all hardcoded Top navigation Links

**DiscoverhardcodedquickLaunch.ps1** – Lists all hardcoded quick launch Links

1. **SPSFARMREPORT**

You can also generate a snapshot the SharePoint farm using SPSFarmReport tool. This can be downloaded from

<http://spsfarmreport.codeplex.com>

Run this on one of the SharePoint Servers and obtain the resulting HTML file.

1. **STSADM Commands**

***List all Sites***

Stsadm -o enumallwebs > c:\enumallwebs.xml

***List all features***

Stsadm -o enumallwebs -includefeatures > c:\enumallwebs-features.xml

***List all Webparts***

Stsadm -o enumallwebs  -includewebparts > c:\enumallwebs-webparts.xml

***List all Setup Files***

Stsadm -o enumallwebs -includesetupfiles > c:\enumallwebs-setupfiles.xml

***List all Event Receivers***

Stsadm -o enumallwebs -includeeventreceivers > c:\enumallwebs-eventreceivers.xml