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Comprehensive Group Policy Import Script

The script imports all GPOs from a backup folder to a test domain. The script mirrors GPO configuration from a source domain into a target domain. Scope of Management (SOM), Block Inheritance, GP Link Enabled, Policy Precedence, Enforced and WMI filter settings can be imported.

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Import_GPOs.ps1

Ratings

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Group Policy

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Powershell, Group Policy, gpo, WMI Filter GPO, import gpo, group policy import, WMI Filter, Scope of Management, SOM, gp link, Block Inheritance, Policy precedence, Enforced status, mirror GPOs






Updated

3/17/2016

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Description

Q and A (2)

WHAT

The script imports all GPOs from a backup folder into a test domain. The script is designed to mirror GPO configuration from a source domain into a test domain. To achieve this, additional configuration details - Scope of Management (SOM), Block Inheritance, GP Link Enabled, Policy Precedence, Enforced and WMI filters - are also imported. The script will process the contents of a migration table. SOM paths, e.g. OU hierachy, must already exist in target domain.

See also:

Use PowerShell to Import Group Policy Objects

<http://blogs.technet.com/b/heyscriptingguy/archive/2014/01/05/use-powershell-to-import-group-policy-objects.aspx>

Companion scripts:

Comprehensive Group Policy Backup Script

<https://gallery.technet.microsoft.com/scriptcenter/Comprehensive-Group-Policy-5f9d3ea6>

Dump AD OU Structure Script

<https://gallery.technet.microsoft.com/scriptcenter/Dump-Active-Directory-OU-345e54d2>

Mirror AD OU Structure Script

<https://gallery.technet.microsoft.com/scriptcenter/Mirror-AD-OU-Structure-d9acfa6e>

Mirror AD User Accounts Script

<https://gallery.technet.microsoft.com/scriptcenter/Mirror-AD-User-Accounts-2d5594c4>

Compare AD User Accounts Script

<https://gallery.technet.microsoft.com/scriptcenter/Mirror-AD-User-Accounts-2d5594c4>

Dump AD User Accounts Script

<https://gallery.technet.microsoft.com/scriptcenter/Dump-AD-User-Accounts-25ba7ca8>

Dump AD Groups Script

<https://gallery.technet.microsoft.com/scriptcenter/Dump-AD-Groups-Script-c29e09fc>

Mirror AD Groups Script

<https://gallery.technet.microsoft.com/scriptcenter/Mirror-AD-Groups-Script-16e700fe>

New!

ADMirror PS module

<https://gallery.technet.microsoft.com/scriptcenter/AD-Mirror-PowerShell-Module-331b1b12>

EXAMPLE

.\Import_GPOs.ps1 -Domain fabrikam.com -BackupFolder "d:\backups" -MigTable -SomInfo

This will import all backed-up GPOs from the d:\backups into the fabrikam domain.

The import will look for a migration table in the backup folder and attempt to translate the table's values.

The import will also attempt to recreate GPO links and their precedence. Block Inheritance, Enforced and WMI filter details will also be restored, if possible.

OUTPUTS

Time and date stamped import log for use with Tace32.exe (SMS Trace) or CMTrace.exe (Config Manager Trace Log Tool)

VERSIONS

2.1 - The script now processes gPLink info on site objects from the backup

- There's also an empty WMI filter description issue fix

(thanks to Mark Renoden for both of the above)

PowerShell

Copy code

```
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Verified on the following platforms

Windows 10	No
Windows Server 2012	Yes
Windows Server 2012 R2	No
Windows Server 2008 R2	Yes
Windows Server 2008	No
Windows Server 2003	No
Windows Server 2016	No
Windows 8	No
Windows 7	No
Windows Vista	No
Windows XP	No
Windows 2000	No

This script is tested on these platforms by the author. It is likely to work on other platforms as well. If you try it and find that it works on another platform, please add a note to the script discussion to let others know.

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