

03-05 PowerShell for Creating Group Policies

Edit the registries of our client computers in the group policy:

```
New-gpo "linkedin1"
```

Modify linkedin1:

```
# Prevent changing desktop background
Set-GPRegistryValue -Name "linkedin1" -Key
'HKCU\Software\Microsoft\Windows\CurrentVersion\Policies\ActiveDesktop'
-ValueName 'NoChangingWallPaper' -Value 1 -Type Dword

#Do Prevent changing desktop icons
Set-GPRegistryValue -Name "linkedin1" -Key
"HKCU\Software\Microsoft\Windows\CurrentVersion\Policies\System"
-ValueName 'NoDispBackgroundPage' -Value 1 -Type Dword

# Desktop Wallpaper
Set-GPRegistryValue -Name "linkedin1" -Key
"HKCU\Software\Microsoft\Windows\CurrentVersion\Policies\System"
-ValueName 'WallpaperStyle' -Value 0 -Type Dword

Set-GPRegistryValue -Name "Secure_computer" -Key
"HKCU\Software\Microsoft\Windows\CurrentVersion\Policies\System"
-ValueName 'Wallpaper' -Value
'\\SRV1\Share1$wallpaper.jpg' -Type ExpandString

#Disable Remove Recycle Bin icon from desktop
Set-GPRegistryValue -Name "Secure_computer" -Key
"HKCU\Software\Microsoft\Windows\CurrentVersion\Policies\NonEnum"
-ValueName '{645FF040-5081-101B-9F08-00AA002F954E}' -Value
'0' -Type Binary
```

By default, creating the group policy object doesn't bind it to any part of Active Directory.

To bind the group policy object to AD:

```
Get-GPO -Name "linkedin1" | New-GPLink -target
"OU=test,OU=Sites,DC=linkedin,DC=int" -LinkEnabled Yes
```

To back up group policy objects:

```
Get-GPO -All | Backup-GPO -Path C:\GPOBackup\ -Comment "$(Get-Date)"
```