

powershell

Powershell

Para ejecutar el powershell desde el cuadro buscar→ powershell o desde consola ejecutamos

```
Powershell
```

El prompt cambiará y aparecerá como **PS C:\>**

Sacar información del directorio activo

Lo primero es carga el módulo del AD desde el powershell con

```
import-module ActiveDirectory
```

y si queremos sacar un listado po pantalla de equipos de nuestro dominio

```
Get-ADComputer -Filter * -Property * | Format-Table  
Name,OperatingSystem,OperatingSystemServicePack,OperatingSystemVersion -Wrap  
-Auto
```

que queremos el mismo listado para abrirlo desde un excel

```
Get-ADComputer -Filter * -Property * | Select-Object  
Name,OperatingSystem,OperatingSystemServicePack,OperatingSystemVersion |  
Export-CSV AllWindows.csv -NoTypeInfoation -Encoding UTF8
```

Equipos que no han cambiado la password en 30 días

```
$d = [DateTime]::Today.AddDays(-30)  
Get-ADComputer -Filter 'PasswordLastSet -lt $d' -Properties  
PasswordLastSet | FT Name,PasswordLastSet
```

Usuarios que no han cambiado su contraseña en tres 180 días

```
$d = [DateTime]::Today.AddDays(-180)  
Get-ADUser -Filter 'PasswordLastSet -lt $d' -Properties PasswordLastSet  
| FT Name,PasswordLastSet
```

Usuarios que no requieren password

```
Get-ADUser -Filter 'userAccountControl -band 32' | FT Name
```

Otro valores que podemos utilizar en vez de 32

Active Directory userAccountControl Values:

Normal Day to Day Values: ===== 512 - Enable Account 514 - Disable account 544 - Account Enabled - Require user to change password at first logon 4096 - Workstation/server 66048 - Enabled, password never expires 66050 - Disabled, password never expires 262656 - Smart Card Logon Required 532480 - Domain controller



All Other Values: ===== 1 - script 2 - accountdisable 8 - homedir_required 16 - lockout 32 - passwd_notreqd 64 - passwd_cant_change 128 - encrypted_text_pwd_allowed 256 - temp_duplicate_account 512 - normal_account 2048 - interdomain_trust_account 4096 - workstation_trust_account 8192 - server_trust_account 65536 - dont_expire_password 131072 - mns_logon_account 262144 - smartcard_required 524288 - trusted_for_delegation 1048576 - not_delegated 2097152 - use_des_key_only 4194304 - dont_req_preauth 8388608 - password_expired 16777216 - trusted_to_auth_for_delegation

referencias

- <http://blogs.itpro.es/rtejero/2014/10/13/algunos-cmdlets-interesantes-de-directorio-activo-gracias-a-un-rap-as-a-service/>
- <http://blogs.technet.com/b/askds/archive/2010/02/04/inventorying-computers-with-ad-powershell.aspx>
- <http://www.joseangelfernandez.es/blog/category/programacion/powershell/>
- <http://blogs.technet.com/b/heyscriptingguy/archive/2013/11/23/using-scheduled-tasks-and-scheduled-jobs-in-powershell.aspx#>
- <http://blogs.itpro.es/rtejero/2014/04/02/instalar-powershell-4-0-en-nuestros-clientes-y-servidores-windows-management-framework-4-0/>
- http://blogs.itpro.es/rtejero/2014/09/15/errores-de-netlogon-no_client_site-parsear-con-powershell/
- Using PowerShell to Remove Virtual Machine Snapshots in VMware ESXi 4.1
http://pipe2text.com/?page_id=1953

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