poweshell

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 -NoTypeInformation -Encoding UTF8
```

Equpos 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

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