

Administering Active Directory Objects with PowerShell

Create new AD User	New-ADUser User01
Create new AD User with password	\$Password = ConvertTo-SecureString -String "Pass!23" -AsPlainText -Force New-ADUser -name User01 -Department IT -Title Manager -AccountPassword \$Password -Enabled \$true
Get AD User details	Get-ADUser User01 Get-ADUser -Identity User01 Get-ADUser -Identity User01 -Properties department, title
Get AD Users with filter	Get-ADUser -Filter {name -like "c*"}
Get inactive AD Users with filter	Get-ADUser -Filter {name -like "c*" -and enabled -eq "FALSE"}
Remove AD User	Remove-ADUser -Identity User01
Create multiple AD Users	\$Password = ConvertTo-SecureString -String "Pass!23" -AsPlainText -Force 1..10 ForEach-Object {New-ADUser -Name "User\$PSItem" -AccountPassword \$Password -Enabled \$true}
Disable/Enable/Unlock AD Account	Disable-ADAccount -Identity User01 Enable-ADAccount -Identity User01 Unlock-ADAccount -Identity User01
Last account logon	get-aduser -filter * -Properties lastlogondate ft name,lastlogondate
Last password reset	get-aduser -filter * -Properties lastlogondate,passwordlastset ft name,lastlogondate,passwordlastset
Disabled Accounts	Search-ADAccount -AccountDisabled -usersonly fl name
Locked out accounts	Search-ADAccount -LockedOut -UsersOnly fl name
Search AD Account	Search-ADAccount -PasswordNeverExpires Select-Object name Search-ADAccount -PasswordNeverExpires Set-ADUser -PasswordNeverExpires \$false Search-ADAccount -PasswordExpired Disable-ADAccount
Password expired accounts	Search-ADAccount -PasswordExpired -usersonly fl name
Password never expires accounts	Search-ADAccount -PasswordNeverExpires -usersonly fl name
Get Accounts inactive since date or days	Search-ADAccount -AccountInactive -DateTime " June 16" Search-ADAccount -AccountInactive -TimeSpan 1.12:00:00 # -TimeSpan Day.hour:minute:second
Account inactive for 30 days or more	Search-ADAccount -AccountInactive -TimeSpan 30.00:00:00 fl name
Move AD User to Organisation Unit	Get-ADUser test Move-ADObject -TargetPath "OU=Domain Users,DC=avtech,DC=loc"