

Get AD User Last Logon and Last Logon AD Server Script

Save this as .ps1 file and run as admin in the Domain Controller

```
Import-Module ActiveDirectory

function Get-ADUsersLastLogon()
{

    $dateinfile = (Get-Date).AddMonths(-1).ToString('yyyy-MM')
    $domain = (Get-WmiObject -Namespace root\cimv2 -Class Win32_ComputerSystem | Select Domain).Domain

    $dcs = Get-ADDomainController -Filter {Name -like "*"}
    $users = Get-ADUser -Filter * -Properties *
    $time = 0
    $exportFilePath = "c:\temp\$dateinfile - $domain - ADUser_lastLogon.csv"
    $columns =
    "Name,UserName,Description,AccountDisabled,CreationDate,LastLogonTime,LastLogonServer,PasswordLastSet"

    Out-File -filepath $exportFilePath -force -InputObject $columns

    foreach($user in $users)
    {
        $timearray = [System.Collections.ArrayList]@()
        $rowarray = [System.Collections.ArrayList]@()
        foreach($dc in $dcs)
        {
            $currentUser = Get-ADUser $user.SamAccountName | Get-ADObject -Server $dc.HostName -Properties
lastLogon

            if ($currentUser.lastlogon -eq $null -or $currentUser.lastlogon -eq 0){
                $dt = 0
            }
            else {
```

```

$time = $currentUser.LastLogon
$dt = [DateTime]::FromFileTime($time).ToString("dd/MM/yyyy HH:mm:ss")
}
$timearray.Add($dt)

if($user.Enabled){
    $disable = "No"
}else{
    $disable = "Yes"
}

if ($user.passwordlastset -eq $null){
    $pwdset = 0
}else{
    $pwdset = $user.passwordlastset.ToString("dd/MM/yyyy HH:mm:ss")
}

$row = $user.SamAccountName + "," + $user.Name + "," +
    $user.Description + "," + $disable + "," +
    $user.whenCreated.ToString("dd/MM/yyyy HH:mm:ss") + "," +
    $dt + "," +
    $dc.Name + "," +
    $pwdset + ","
$rowarray.add($row);
}

$newest = ($timearray | measure -Maximum).Maximum
write-host $user.name $newest $rowarray[$rowarray.indexof($newest)]
Out-File -filepath $exportFilePath -append -noclobber -InputObject $rowarray[$timearray.indexof($newest)]

$time = 0
}
}

Get-ADUsersLastLogon

```