AD Account 10 Stunden nach letzten Logon deaktivieren

Mit diesen beiden Beispiel-Skripten können wir AD Konten nach einer beliebigen Zeit deaktivieren. Mein Ziel war es, AD Konten von externen Support Mitarbeitern 10 Stunden nach dem letzten Logon zu deaktivieren.

Aktuell habe ich nur einen User dessen letzter Logon mehr als 1 Stunde her ist. Dieser würde jetzt deaktiviert werden.

Skript 1)

```
# Jörn Walter https://www.der-windows-papst.de
Clear
$domain = "ndsedv.de"
$HoursInactive = 10
$time = (Get-Date).AddHours(-($HoursInactive))

Get-ADUser -Filter {LastLogon -lt $time -and enabled -eq $true} -Properties
LastLogon -Server dc01 -SearchBase " OU=User
Accounts,OU=User,OU=ORG,DC=ndsedv,DC=de " |
select-object samaccountname,@{Name="LastLogon";
Expression={[DateTime]::FromFileTime($_.lastLogon).ToString('dd-MM-yyyy
hh:mm:ss')}} | export-csv C:\Temp\inactiveUser.csv -notypeinformation

Import-Csv "C:\Temp\inactiveUser.csv" | ForEach-Object {  $samAccountName =
$_."samAccountName" Get-ADUser -Identity $samAccountName |   Disable-ADAccount }
```

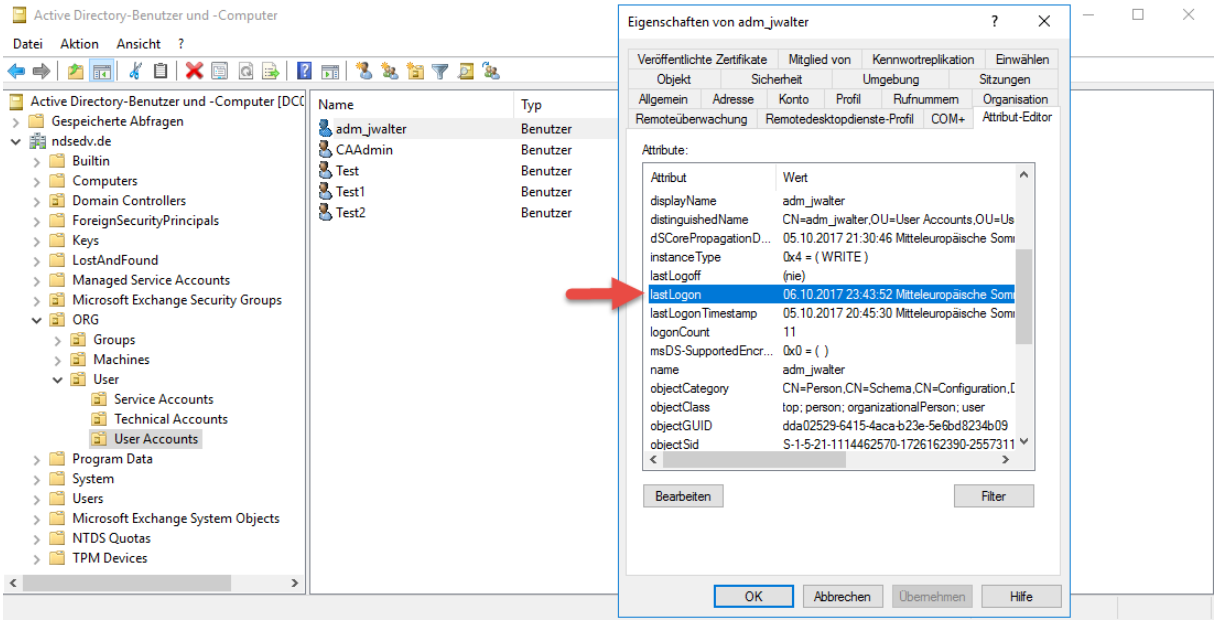
Skript 2)

```
# Jörn Walter https://www.der-windows-papst.de
$time = [DateTime]::Now.Subtract([TimeSpan]::FromHours(10)).ToFileTime()
Search-ADAccount -accountinactive -usersonly -SearchBase "OU=User
Accounts,OU=User,OU=ORG,DC=ndsedv,DC=de" | where {$_.lastlogon -lt $time} |
Disable-ADAccount -WhatIf
```

Ausgangssituation:

Das sind die aktuellen Timestamps folgender User:

Der User adm_jwalter hat sich erst gerade authentifiziert.



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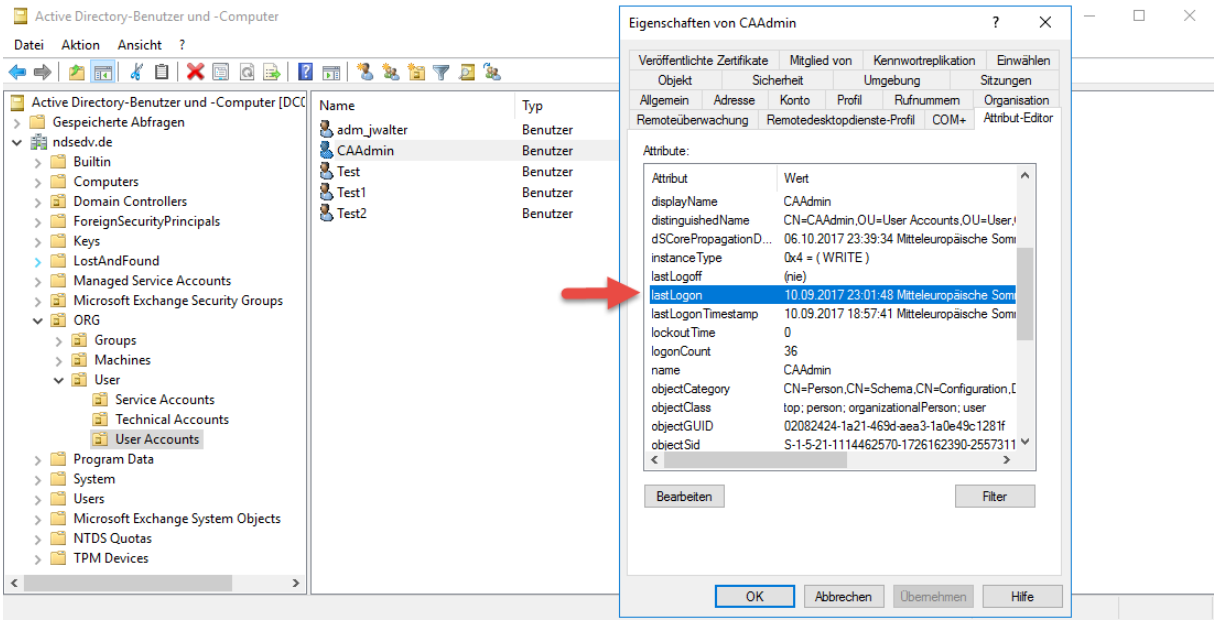
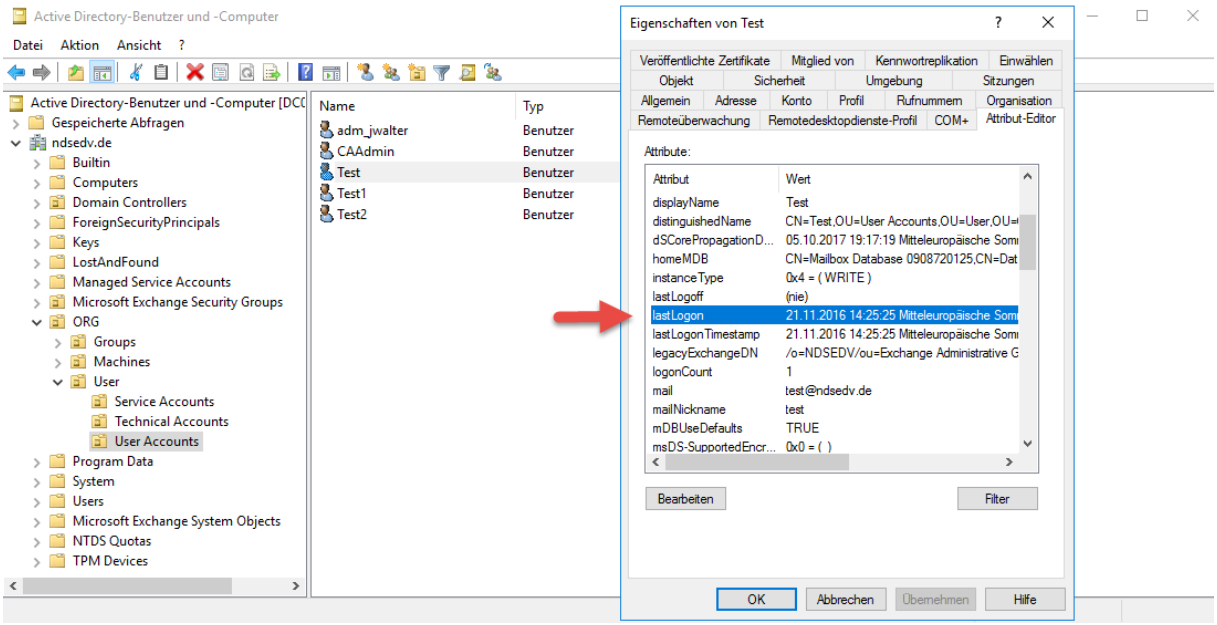
Der User CAAdmin hat sich vor gut 17 Tagen zuletzt authentifiziert.



Der User Test hat sich vor gut 10 Monaten zuletzt angemeldet.



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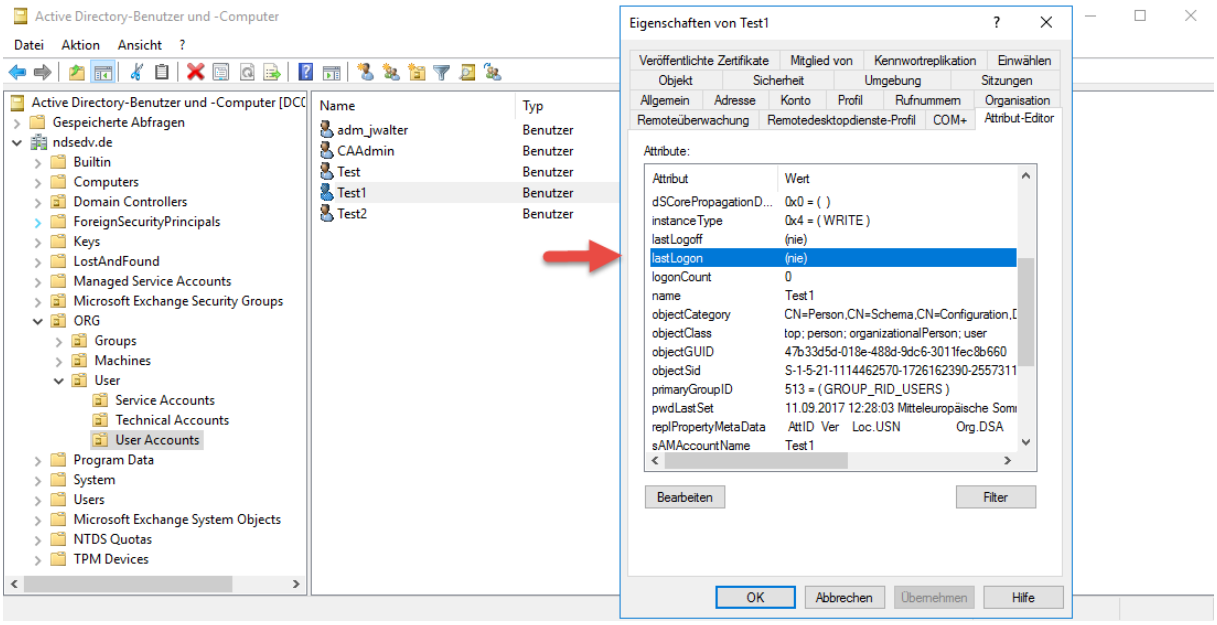
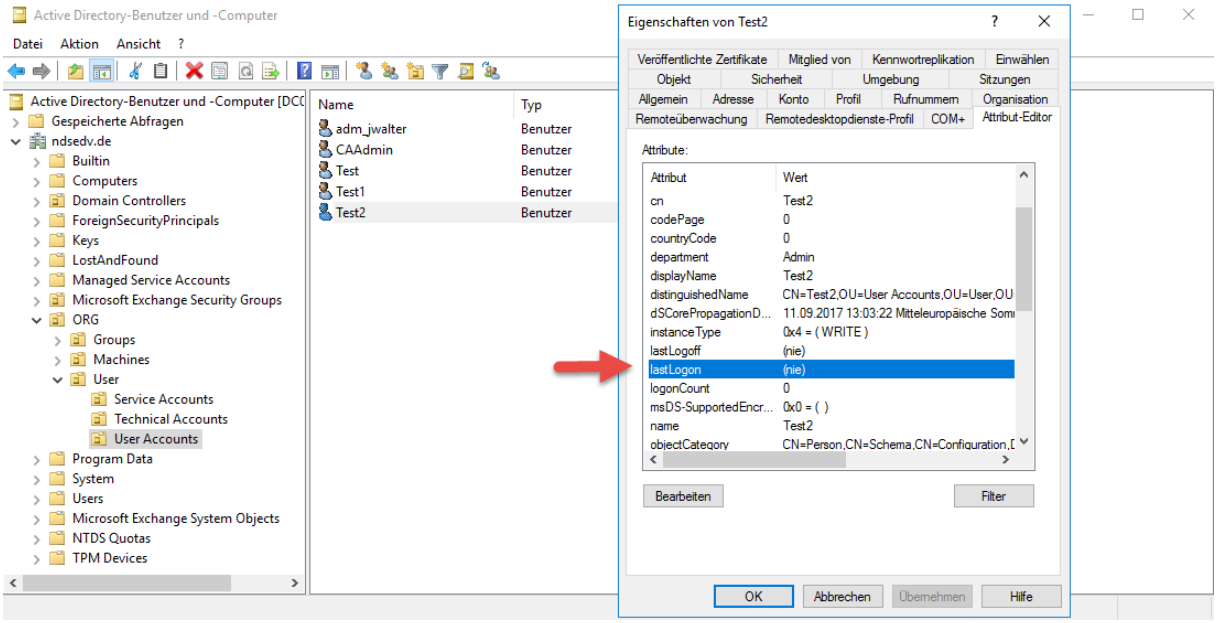
Der User Test1 und Test2 waren noch nie angemeldet.





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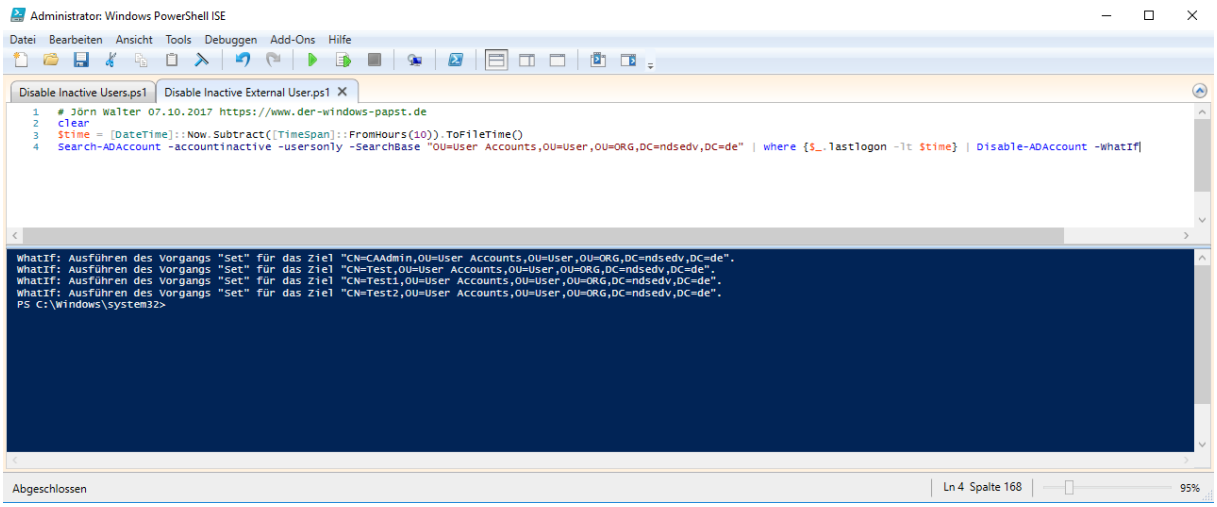
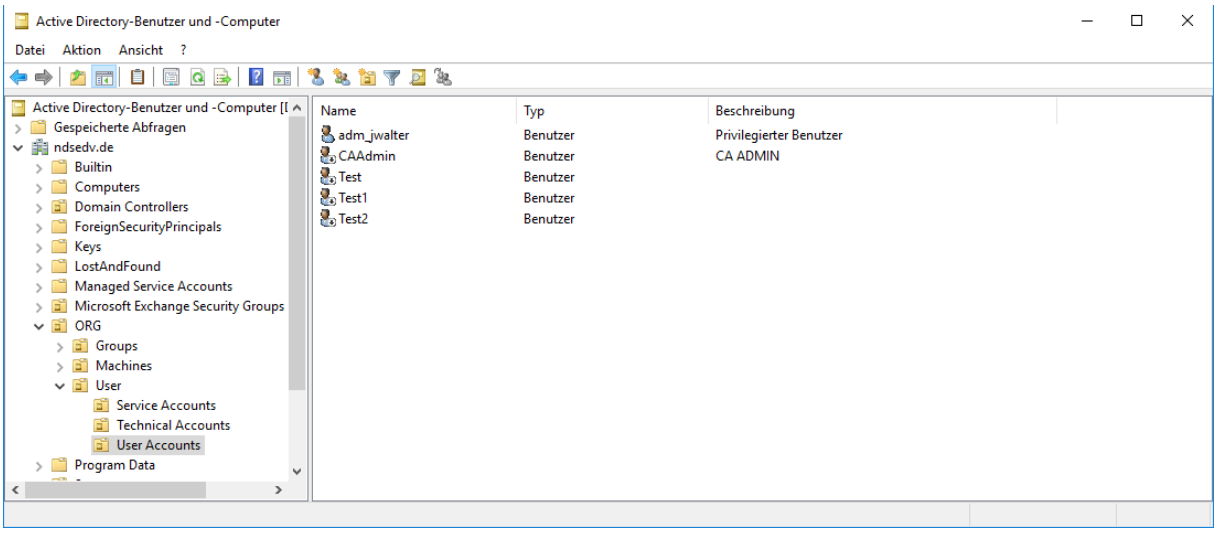
Starte ich nun das Skript, werden alle User bis auf den User adm_jwalter deaktiviert.



Das Ergebnis:



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Final Skript:

```
# Jörn Walter 07.10.2017 https://www.der-windows-papst.de
clear
$From = "DisableExternalAccounts@ndsedv.de.de"
$To = "joern.walter@ndsedv.de.de"
$smtpServer = "172.18.32.107"
$reportfile = "C:\Install\inactiveUsers.csv"

write-Host "-------------------------------------------" -ForegroundColor Red
write-Host "Delete old File: $reportfile" -ForegroundColor Red
write-Host "-------------------------------------------" -ForegroundColor Red
if (Test-Path $reportfile) {
  Remove-Item $reportfile -ErrorAction SilentlyContinue
}

write-Host "-------------------------------------" -ForegroundColor Yellow
write-Host "Current Time -10 Hours" -ForegroundColor Yellow
$HoursInactive = 10
$InactiveDate = (Get-Date).AddHours(-($HoursInactive))
$InactiveDate2 = [DateTime]::Now.Subtract([TimeSpan]::FromHours(10)).ToFileTime()
write-Host "Lockdown Time is: $InactiveDate " -ForegroundColor Yellow
write-Host "Lockdown Time is: $InactiveDate2 " -ForegroundColor Yellow
write-Host "-------------------------------------" -ForegroundColor Yellow

$dc = "dc01","dc02"
Get-ADUser -Server $DC -SearchBase "OU=RemoteSupport,OU=Externe
MA,OU=SITES,OU=\#KONFIGURATION,DC=ndsedv,DC=de" -Filter { LastLogon -lt
$InactiveDate2 -and Enabled -eq $true } -Properties LastLogon | Select-Object @{
Name="SamAccountName"; Expression={$_.SamAccountName} }, LastLogon | Export-Csv
C:\Install\InactiveUsers.csv -NoTypeInformation -append
Get-ADUser -Server $DC -SearchBase "OU=RemoteSupport,OU=Externe
MA,OU=SITES,OU=\#KONFIGURATION,DC=ndsedv,DC=de" -Filter { LastLogon -notlike "*" -
and Enabled -eq $true } -Properties LastLogon | Select-Object @{
Name="SamAccountName"; Expression={$_.SamAccountName} }, LastLogon | Export-Csv
C:\Install\InactiveUsers.csv -NoTypeInformation -append
write-Host "-----------------" -ForegroundColor White
write-Host "Connect $DC" -ForegroundColor White
write-Host "-----------------" -ForegroundColor White

#Alternative
#$Users = Search-ADAccount -AccountInactive -TimeSpan "00.10:00:00" -UsersOnly -
SearchBase "OU=RemoteSupport,OU=Externe
MA,OU=SITES,OU=\#KONFIGURATION,DC=ndsedv,DC=de"  | where {$_.Enabled -eq "True"} |
Select-Object @{ Name="SamAccountName"; Expression={$_.SamAccountName} } | Export-
Csv C:\Install\InactiveUsers.csv -NoTypeInformation -append
#$Users = Search-ADAccount -AccountExpired -UsersOnly -SearchBase
"OU=RemoteSupport,OU=Externe MA,OU=SITES,OU=\#KONFIGURATION,DC=ndsedv,DC=de"  |
where {$_.Enabled -eq "True"} | Select-Object @{ Name="SamAccountName";
Expression={$_.SamAccountName} } | Export-Csv C:\Install\InactiveUsers.csv -
NoTypeInformation -append
#$Users = Search-ADAccount -PasswordNeverExpires -UsersOnly -SearchBase
"OU=RemoteSupport,OU=Externe MA,OU=SITES,OU=\#KONFIGURATION,DC=ndsedv,DC=de"  |
where {$_.Enabled -eq "True"} | Select-Object @{ Name="SamAccountName";
Expression={$_.SamAccountName} } | Export-Csv C:\Install\InactiveUsers.csv -
NoTypeInformation -append

write-Host "----------" -ForegroundColor Yellow
write-Host "Write file" -ForegroundColor Yellow
write-Host "----------" -ForegroundColor Yellow

If ((Get-Item $ReportFile).length -gt 0kb) {
Write-Host "Variable is OK"
}else{
write-Host "--------------------------" -ForegroundColor White
Write-Host "No Users found to Disable" -ForegroundColor White
write-Host "--------------------------" -ForegroundColor White
exit
}

write-Host "-------------------" -ForegroundColor Yellow
write-Host "Disable Accounts" -ForegroundColor Yellow
write-Host "-------------------" -ForegroundColor Yellow

Import-Csv "C:\Install\InactiveUsers.csv" | ForEach-Object {
 $samAccountName = $_."samAccountName"
```

Erstellt von Jörn Walter **07.10.2017**

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```
Get-ADUser -Identity $samAccountName |
Disable-ADAccount }
$ReportFiles = 'C:\Install\InactiveUsers.csv'

IF (Test-Path $ReportFiles){
 If ((Get-Item $ReportFiles).length -gt 0kb) {
 write-Host "------------------" -ForegroundColor green
 Write-Host "Send Mail to Admin" -ForegroundColor green
 write-Host "------------------" -ForegroundColor green
 Send-MailMessage -SmtpServer $smtpServer -To $To -From $From -Subject "Disable
External Inactive Users" -Body "Daily Report about External Inactive Users - IT-
Operations" -Attachments $reportfiles -Priority High -Encoding "UTF8"
 }

 } else {
 write-Host "------------------" -ForegroundColor red
 write-Host "No File no E-Mail" -ForegroundColor red
 write-Host "------------------" -ForegroundColor red
}
```