

Scripts

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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

KMS Activation Script

Save this at .bat file and run as admin

```
@echo off
```

```
:: For unattended mode, run the script with /u parameter.
```

```
::=====
=====
==
```

```
:: Change to 1 to enable debug mode
```

```
set _Debug=0
```

```
:: Change to 0 to turn OFF Windows or Office activation via the script
```

```
:: - This is not effective if Windows and/or Office installation is already Volume (GVLK installed)
```

```
:: - In [Online KMS + Digital License] $OEM$ preactivation, Windows KMS activation is turned off by default.
```

```
set ActWindows=1
```

```
set ActOffice=1
```

```
:: Change to 0 to revert Windows 10 KMS38 to normal KMS
```

```
set SkipKMS38=1
```

```
:: Server List - You can edit the Online KMS Servers in below line.
```

```
set "servers=kms.srv.crsoo.com kms.digiboy.ir kms8.MSGuides.com kms.loli.beer kms.lolico.moe
kms.moecub.org kms.garybear.tk kms.chinancce.com"
```

```
:: Change to 1 to clear KMS cache after the activation.
```

```
:: - Registered KMS server address (cache) enables the system to automatically renew the license (for next 180
days) every 7 days, as long as the server is online.
```

```
:: - This process is same as how the legal KMS suppose to work, so no security program will flag this behavior.
```

```
:: - Changing this option here won't have any effect if manual (Desktop Context menu) and/or auto, renewal
activation script is installed. [default (0)].
```

```
:: - I recommend to leave this option as default (0).
```

```
set Clear-KMS-Cache=0
```

: #####
: # NORMALLY THERE IS NO NEED TO CHANGE ANYTHING BELOW THIS COMMENT #
: #####

::=====

=====

==

::=====

=====

==

:

=====

===

: This script is a fork of KMS_VL_ALL-SppExtComObjPatcher Project
: The main project is maintained by @abbodi1406 (MDL)
: <https://forums.mydigitallife.net/posts/838808>

: Thanks to @RPO (MDL), for providing the help in making of this fork.

:

=====

===

```
: =====
: This script is a part of 'Microsoft Activation Scripts'
: Maintained by @WindowsAddict
: Homepage - https://www.nsaneforums.com/topic/316668--/
: =====
```

```
::=====
=====
==
```

```
::=====
=====
==
```

```
cls
title Online KMS Activation
if /i "%*" EQU "/u" (set Unattended=1) else (set Unattended=0)
if defined Renewal_Task set Task=1
if defined Run_Once set Task=1
if defined Task set Unattended=1& set DateTime=1
if defined SkipWin set ActWindows=0
for /f "tokens=6 delims=[]. " %%G in ('ver') do set winbuild=%%G
```

```
set "EchoRed=powershell write-host -back Black -fore Red"
set "EchoGreen=powershell write-host -back Black -fore Green"
set "ELine=echo. & %EchoRed% ==== ERROR ==== &echo."
setlocal EnableDelayedExpansion
```

```
::=====
=====
==
```

```
: =====
: Check if the file path name contains special characters
: https://stackoverflow.com/a/33626625
: Written by @jeb (stackoverflow)
: Thanks to @abbodi1406 (MDL) for the help.
: =====
```

```
setlocal
setlocal DisableDelayedExpansion
set "param=%~f0"
cmd /v:on /c echo(^!^!param^!^! findstr /R "[ \` ~ ! @ % ^ \ & ( ) \[ \ ] { } + = ; ' , |]*^"
endlocal
if %errorlevel% EQU 0 (
%ELine%
echo Disallowed special characters detected in file path name.
echo Make sure file path name do not have following special characters,
echo ^` ^~ ^! ^@ %% ^^ ^& ^ ( ^) [ ] { } ^+ ^= ^; ^' ^,
goto Done
)
```

```
::=====
=====
==
```

```
if %winbuild% LSS 7600 (
%ELine%
echo Unsupported OS version Detected.
echo Project is supported only for Windows 7/8/8.1/10 and their Server equivalent.
goto Done
)
```

```
::=====
=====
==
```

```
: =====
: Self-elevate passing args and preventing loop
: Written by @AveYo aka @BAU
: =====
```

```
reg query HKEY_USERS\S-1-5-20 1>nul 2>nul && goto GotPrivileges
If "%ElevError%"=="Y" goto Elev_Err
set "args="%~f0" %*" & call set "args=%%args:="\%%"
echo Initializing...
powershell -c "start cmd -ArgumentList '/c set ElevError=Y& call %args%' -verb runas" && exit /b
```

```
:Elev_Err
%ELine%
echo Right click on this file and select 'Run as administrator'
goto Done
```

```
:GotPrivileges
```

```
::=====
=====
==
```

```
If defined Task call :_Start_>>"%windir%\Online_KMS_Activation_Script\Logs.txt" & exit
:_Start_
If defined Task call :Activation_Start & echo Exiting... & echo. & exit /b
```

```
::=====
=====
==
```

```
: =====
: Set buffer height independently of window height
: https://stackoverflow.com/a/13351373
: Written by @dbenham (stackoverflow)
: =====
```


mode con: cols=98 lines=30

powershell -command "&{\$H=get-

host;\$W=\$H.ui.rawui;\$B=\$W.bufferSize;\$B.Width=98;\$B.Height=160;\$W.bufferSize=\$B;}"

::=====

=====

==

if "%~f0"=="%ProgramData%\Online_KMS_Activation.cmd" echo Running: %~f0 & timeout /t 2 >nul & cls

setlocal

call :Activation_Start

@echo off

endlocal

setlocal

call :Clear-KMS-Cache

endlocal

::=====

=====

==

:Done

echo.

if %_Debug% EQU 1 exit /b

if %Unattended% EQU 1 (

echo Exiting in 5 seconds...

if %winbuild% LSS 7600 (ping -n 5 127.0.0.1 > nul) else (timeout /t 5)

exit /b

)

echo Press any key to exit...

pause >nul

exit /b

::=====

=====

==

:Clear-KMS-Cache

```
If exist "%windir%\Online_KMS_Activation_Script" exit /b
if exist "%ProgramData%\Online_KMS_Activation.cmd" exit /b
if %Clear-KMS-Cache% NEQ 1 exit /b
```

```
: =====
: Clear-KMS-Cache.cmd
: https://forums.mydigitallife.net/posts/1511883
: Written by @abbodi1406 (MDL)
: =====
```

```
set "SysPath=%Windir%\System32"
if exist "%Windir%\Sysnative\reg.exe" (set "SysPath=%Windir%\Sysnative")
set "Path=%SysPath%;%Windir%;%SysPath%\Wbem;%SysPath%\WindowsPowerShell\v1.0\"
set "OSPP=SOFTWARE\Microsoft\OfficeSoftwareProtectionPlatform"
set "SPPk=SOFTWARE\Microsoft\Windows NT\CurrentVersion\SoftwareProtectionPlatform"
wmic path SoftwareLicensingProduct where (Description like '%%KMSCLIENT%%') get Name 2>nul | findstr /i
Windows 1>nul && (set SppHook=1) || (set SppHook=0)
wmic path SoftwareLicensingProduct where (Description like '%%KMSCLIENT%%') get Name 2>nul | findstr /i
Office 1>nul && (set SppHook=1)
wmic path OfficeSoftwareProtectionService get Version >nul 2>&1 && (set OspHook=1) || (set OspHook=0)
if %SppHook% NEQ 0 call :cKMS SoftwareLicensingProduct SoftwareLicensingService SPP
if %OspHook% NEQ 0 call :cKMS OfficeSoftwareProtectionProduct OfficeSoftwareProtectionService OSPP
call :cREG >nul 2>&1
%EchoGreen% Cleared KMS Cache successfully.
exit /b
```

```
:cKMS
set spp=%1
set sps=%2
for /f "tokens=2 delims==" %%G in ("wmic path %spp% where (Description like '%%KMSCLIENT%%') get ID
/VALUE" 2^>nul') do (set app=%%G&call :cAPP)
for /f "tokens=2 delims==" %%A in ("wmic path %sps% get Version /VALUE") do set ver=%%A
wmic path %sps% where version='%ver%' call ClearKeyManagementServiceMachine >nul 2>&1
wmic path %sps% where version='%ver%' call ClearKeyManagementServicePort >nul 2>&1
wmic path %sps% where version='%ver%' call DisableKeyManagementServiceDnsPublishing 1 >nul 2>&1
wmic path %sps% where version='%ver%' call DisableKeyManagementServiceHostCaching 1 >nul 2>&1
goto :eof
```

:cAPP

wmic path %spp% where ID='%app%' call ClearKeyManagementServiceMachine >nul 2>&1

wmic path %spp% where ID='%app%' call ClearKeyManagementServicePort >nul 2>&1

goto :eof

:cREG

reg delete "HKLM\%SPPk%\55c92734-d682-4d71-983e-d6ec3f16059f" /f

reg delete "HKLM\%SPPk%\0ff1ce15-a989-479d-af46-f275c6370663" /f

reg delete "HKLM\%SPPk%" /f /v KeyManagementServiceName

reg delete "HKLM\%SPPk%" /f /v KeyManagementServicePort

reg delete "HKU\S-1-5-20\%SPPk%\55c92734-d682-4d71-983e-d6ec3f16059f" /f

reg delete "HKU\S-1-5-20\%SPPk%\0ff1ce15-a989-479d-af46-f275c6370663" /f

reg delete "HKLM\%OSPP%\59a52881-a989-479d-af46-f275c6370663" /f

reg delete "HKLM\%OSPP%\0ff1ce15-a989-479d-af46-f275c6370663" /f

reg delete "HKLM\%OSPP%" /f /v KeyManagementServiceName

reg delete "HKLM\%OSPP%" /f /v KeyManagementServicePort

if %OspHook% NEQ 1 (

reg delete "HKLM\%OSPP%" /f

reg delete "HKU\S-1-5-20\%OSPP%" /f

)

goto :eof

:=====

=====

===

:=====

=====

===

:=====

=====

===

:=====

=====

===

:Activation_Start

:: change External to 1 and set KMS_IP address to activate via external KMS server
set External=1

:: ### Advanced Options ###

:: change KMS auto renewal schedule, range in minutes: from 15 to 43200

:: example: 10080 = weekly, 1440 = daily, 43200 = monthly

set KMS_RenewalInterval=10080

:: change KMS reattempt schedule for failed activation or unactivated, range in minutes: from 15 to 43200

set KMS_ActivationInterval=120

:: change Hardware Hash for local KMS emulator server (only affect Windows 8.1 and 10)

set KMS_HWID=0x3A1C049600B60076

:: change KMS TCP port

set KMS_Port=1688

set KMS_Emulation=1

set Unattend=1

set Silent=0

set Logger=0

set "SysPath=%Windir%\System32"

if exist "%Windir%\Sysnative\reg.exe" (set "SysPath=%Windir%\Sysnative")

set "Path=%SysPath%;%Windir%;%SysPath%\Wbem;%SysPath%\WindowsPowerShell\v1.0\"

set "_err===== ERROR ====="

set _args=%1

fsutil dirty query %SystemDrive% >nul 2>&1 || goto :E_Admin

if defined _args (

if /i "%~1"==" /u" set Unattend=1

if /i "%~1"==" /s" set Silent=1

```

if /i "%~1"==" /d" set _Debug=1
if /i "%~2"==" /d" set _Debug=1
if /i "%~2"==" /l" set Logger=1
)
if %Silent% EQU 1 (
set Unattend=1
)
set "_run=nul"
if %Logger% EQU 1 (
set _run="%~dp0Activate.log"
)

set "_temp=%SystemRoot%\Temp"
set "_log=%~dpn0"
set "_work=%~dp0"
if "%_work:~-1%"=="\" set "_work=%_work:~0,-1%"
setlocal EnableExtensions EnableDelayedExpansion

if %_Debug% EQU 0 (
    set "_Nul1=1>nul"
    set "_Nul2=2>nul"
    set "_Nul6=2^>nul"
    set "_Nul3=1>nul 2>nul"
    set "_Pause=pause >nul"
    if %Unattend% EQU 1 set "_Pause="
    if %Silent% EQU 0 (call :Begin) else (call :Begin >!_run! 2>&1)
) else (
    set "_Nul1="
    set "_Nul2="
    set "_Nul6="
    set "_Nul3="
    set "_Pause="
    if %Silent% EQU 0 (
        echo.
        echo Running in Debug Mode...
        echo The window will be closed when finished
    )
    copy /y nul "!_work!\#.rw" 1>nul 2>nul && (if exist "!_work!\#.rw" del /f /q "!_work!\#.rw") || (set
"_log=!_temp!\%~n0")
@echo on

```

```

@prompt $G
@call :Begin >"!_log!.tmp" 2>&1 &cmd /u /c type "!_log!.tmp">"!_log!_Debug.log"&del "!_log!.tmp"
)
@exit /b

:Begin

::=====
=====
==

: =====
: Multi KMS servers integration
: 1688 Port Test, Internet Test with Powershell
: Written by @RPO (MDL)
: =====

If defined Renewal_Task set T_Name=Renewal_Task
If defined Run_Once set T_Name=Run_Once_[Activation_Task]

if defined DateTime (
echo
=====
=====
echo -----
Echo %T_Name%
echo -----
echo -----
echo Date : %date% Time : %time%
echo -----
)

set /a loop=1
set /a max_loop=1
if defined Renewal_Task set /a max_loop=3
if defined Run_Once set /a max_loop=5

:repeat
powershell -nologo "If([Activator]::CreateInstance([Type]::GetTypeFromCLSID([Guid]'{DCB00C01-570F-4A9B-8D69-199FDBA5723B}')).IsConnectedToInternet){Exit 0}Else{Exit 1}"

```

```

if %errorlevel%==0 (goto IntConnected)

(
if %loop%== %max_loop% (
%ELine%
echo Internet is not connected.
echo. &exit /b 1
)
echo Checking: Internet is not connected.
echo Waiting 30 s
timeout /t 30 >nul
set /a loop=%loop%+1
goto repeat
)

:IntConnected

set n=1&for %%a in (%servers%) do (set server[!n!]=%%a&set /A n+=1)&set /a max_servers=!n!-1
set server_num=1
set /a online_server_count=0
echo.

:server
if %online_server_count%==2 (
%EchoRed% Error: Activation was not successful.
echo Restart the system and try again.
echo Read the troubleshoot guide in ReadMe.txt
echo.
echo -----
echo.
exit /b 1
)
set /a activation_ok=1
if %server_num% gtr !max_servers! (
echo -----
echo.
%EchoRed% Error: Internet is not connected.
echo.
echo -----
echo.

```

```

exit /b 1
)
set KMS_IP=!server[%server_num%]!
if %WinBuild% GEQ 9600 powershell -nologo -command test-netconnection %KMS_IP% -port 1688 -
InformationLevel Quiet | findstr /i true %_Nul3%
if %WinBuild% LSS 9600 powershell New-Object System.Net.Sockets.TCPClient -ArgumentList %KMS_IP%, 1688 |
findstr /irC:"connected.*true" %_Nul3%
if %errorlevel% NEQ 0 (
set /a server_num+=1
goto :server
)
echo KMS Server: ^(%KMS_IP%^)
set /a online_server_count+=1

::=====
=====
==

if %ActWindows% EQU 0 if %ActOffice% EQU 0 (echo.&echo Both Windows and Office activations are
OFF...&goto :END)
set AUR=0
if exist "%SystemRoot%\system32\SppExtComObj*.dll" (
dir /b /al "%SystemRoot%\system32\SppExtComObjHook.dll" %_Nul3% || set AUR=1
)
if %External% EQU 1 (
set AUR=1
)
if %External% EQU 0 (
set KMS_IP=172.16.0.2
)
if %AUR% EQU 0 (
set KMS_ActivationInterval=43200
set KMS_RenewalInterval=43200
)

set xOS=x64
if /i "%PROCESSOR_ARCHITECTURE%"=="x86" (if not defined PROCESSOR_ARCHITEW6432 set xOS=Win32)
set "IFEO=HKLM\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Image File Execution Options"
set "OSPP=SOFTWARE\Microsoft\OfficeSoftwareProtectionPlatform"
set "SPPk=SOFTWARE\Microsoft\Windows NT\CurrentVersion\SoftwareProtectionPlatform"

```



```

wmic path SoftwareLicensingProduct where (Description like '%%KMSCLIENT%%') get Name %_Nul2% | findstr /i
Windows %_Nul1% && (set SppHook=1) || (set SppHook=0)

wmic path OfficeSoftwareProtectionService get Version %_Nul3% && (set OsppHook=1) || (set OsppHook=0)


for /f "tokens=6 delims=[.] " %%G in ('ver') do set winbuild=%%G
if %winbuild% GEQ 9200 (
    set OSType=Win8
) else if %winbuild% GEQ 7600 (
    set OSType=Win7
) else (
    goto :UnsupportedVersion
)
if %winbuild% GEQ 9600 (
reg add "HKLM\SOFTWARE\Policies\Microsoft\Windows NT\CurrentVersion\Software Protection Platform" /f /v
NoGenTicket /t REG_DWORD /d 1 %_Nul3%
)
SET Win10Gov=0
IF %winbuild% LSS 14393 GOTO :Main


SET "RegKey=HKLM\SOFTWARE\Microsoft\Windows\CurrentVersion\Component Based Servicing\Packages"
SET "Pattern=Microsoft-Windows-*Edition~31bf3856ad364e35"
SET "EditionPKG=NUL"
FOR /F "TOKENS=8 DELIMS=\" %%A IN ('REG QUERY "%RegKey%" /f "%Pattern%" /k %_Nul6% ^| FIND /I
"CurrentVersion") DO (
    REG QUERY "%RegKey%\%%A" /v "CurrentState" %_Nul2% | FIND /I "0x70" %_Nul1% && (
        FOR /F "TOKENS=3 DELIMS=-~" %%B IN ('ECHO %%A') DO SET "EditionPKG=%%B"
    )
)
IF /I "%EditionPKG:~-7%"=="Edition" (
SET "EditionID=%EditionPKG:~0,-7%"
) ELSE (
FOR /F "TOKENS=3 DELIMS=: " %%A IN ('DISM /English /Online /Get-CurrentEdition %_Nul6% ^| FIND /I "Current
Edition :") DO SET "EditionID=%%A"
)
FOR /F "TOKENS=2 DELIMS==" %%A IN ('WMIC PATH SoftwareLicensingProduct WHERE (Name LIKE
'Windows%%' AND PartialProductKey is not NULL) GET LicenseFamily /VALUE" %_Nul6%) DO IF NOT
ERRORLEVEL 1 SET "EditionWMI=%%A"
IF NOT DEFINED EditionWMI (
IF %winbuild% GEQ 17063 FOR /F "SKIP=2 TOKENS=3 DELIMS= " %%A IN ('REG QUERY
"HKLM\SOFTWARE\Microsoft\Windows NT\CurrentVersion" /v EditionId') DO SET "EditionID=%%A"

```

```

GOTO :Main
)
FOR %%A IN
(Cloud,CloudN,IoTEnterprise,IoTEnterpriseS,ProfessionalSingleLanguage,ProfessionalCountrySpecific) DO (IF /I
"%EditionWMI%"=="%%A" GOTO :Main)
SET EditionID=%EditionWMI%
FOR %%A IN (EnterpriseG,EnterpriseGN) DO (IF /I "%EditionID%"=="%%A" SET Win10Gov=1)

:Main
if %AUR% EQU 0 if not exist "!_work!\bin!\xOS!.dll" goto :E_DLL
call :StopService sppsvc
if %OspHook% NEQ 0 call :StopService ospsvc
if %AUR% EQU 0 call :InstallHook

reg query HKLM\SOFTWARE\Microsoft\Office\ClickToRun\Configuration /v ProductReleaseIds %_Nul3% && set
"_C2R=HKLM\SOFTWARE\Microsoft\Office\ClickToRun\Configuration"
if not defined _C2R reg query HKLM\SOFTWARE\WOW6432Node\Microsoft\Office\ClickToRun\Configuration /v
ProductReleaseIds %_Nul3% && set
"_C2R=HKLM\SOFTWARE\WOW6432Node\Microsoft\Office\ClickToRun\Configuration"
for %%A in (14,15,16,19) do call :officeLoc %%A

if %AUR% EQU 1 if %External% EQU 0 (
if %winbuild% GEQ 9200 call :UpdateIFEOEntry SppExtComObj.exe
if %winbuild% LSS 9200 call :UpdateIFEOEntry sppsvc.exe
call :UpdateIFEOEntry ospsvc.exe
)
if %AUR% EQU 1 if %External% EQU 1 (
call :UpdateOSPPEntry ospsvc.exe
)

call :SPP
if %ActOffice% NEQ 0 call :OSPP
if %ActOffice% EQU 0 (echo.&echo Office activation is OFF...)

if exist "!_temp!\*chk.txt" del /f /q "!_temp!\*chk.txt"
if exist "!_temp!\slmgr.vbs" del /f /q "!_temp!\slmgr.vbs"
call :StopService sppsvc
if %OspHook% NEQ 0 call :StopService ospsvc

if %AUR% EQU 0 call :UninstallHook

```

```

sc start sppsvc trigger=timer;sessionid=0 %_Nul3%
echo.
if %activation_ok%==0 (
echo ----- &echo.
if not %online_server_count%==2 (
echo Activation wasn't successful. Trying another server...&echo.
echo ----- &echo.
)
set /a server_num+=1
goto :server
)

if defined Run_Once (
echo Deleting Scheduled Task Online_KMS_Activation_Script-Run_Once
echo Deleting File %windir%\Online_KMS_Activation_Script\Online_KMS_Activation_Script-Run_Once.cmd
schtasks /delete /tn Online_KMS_Activation_Script-Run_Once /f 1>nul 2>nul
del /f /q %windir%\Online_KMS_Activation_Script\Online_KMS_Activation_Script-Run_Once.cmd >nul 2>&1
)

goto :END

:SPP
set spp=SoftwareLicensingProduct
set sps=SoftwareLicensingService
set W1nd0ws=1
set WinPerm=0
set WinVL=0
set Off1ce=0
if %winbuild% GEQ 9200 if %ActOffice% NEQ 0 (
call :sppoff
if !Off1ce! EQU 0 (echo.&echo !aword! Office 2013/2016/2019 Product Detected...)
)
wmic path %spp% where (Description like '%%KMSCLIENT%%') get Name %_Nul2% | findstr /i Windows
%_Nul1% && (set WinVL=1) || (echo.&echo No Supported KMS Client Windows Detected...)
if %Off1ce% EQU 0 if %WinVL% EQU 0 exit /b
if %AUR% EQU 0 (
reg delete "HKLM\%SPPk%\55c92734-d682-4d71-983e-d6ec3f16059f" /f %_Nul3%
reg delete "HKLM\%SPPk%\0ff1ce15-a989-479d-af46-f275c6370663" /f %_Nul3%
)

```

```

wmic path %spp% where (Description like '%%KMSCLIENT%%' and PartialProductKey is not NULL) get Name
%_Nul2% | findstr /i Windows %_Nul1% && (set gvlk=1) || (set gvlk=0)

set gpr=0

if %winbuild% GEQ 10240 if %SkipKMS38% NEQ 0 if %gvlk% EQU 1 for /f "tokens=2 delims==" %%A in ("wmic
path %spp% where (Description like '%%KMSCLIENT%%' and Name like 'Windows%%' and PartialProductKey is
not NULL) get GracePeriodRemaining /VALUE" %_Nul6%) do set "gpr=%%A"

if %gpr% NEQ 0 if %gpr% GTR 259200 (
set W1nd0ws=0

wmic path %spp% where "Description like '%%KMSCLIENT%%' and Name like 'Windows%%' and
PartialProductKey is not NULL" get LicenseFamily %_Nul2% | findstr /i EnterpriseG %_Nul1% && (call set
W1nd0ws=1)
)

for /f "tokens=2 delims==" %%A in ("wmic path %sps% get Version /VALUE") do set ver=%%A

wmic path %sps% where version='%ver%' call SetKeyManagementServiceMachine MachineName="%KMS_IP%"
%_Nul3%

wmic path %sps% where version='%ver%' call SetKeyManagementServicePort %KMS_Port% %_Nul3%

if %W1nd0ws% EQU 0 for /f "tokens=2 delims==" %%G in ("wmic path %spp% where (Description like
'%%KMSCLIENT%%' and Name like 'Windows%%') get ID /VALUE") do (set app=%%G&call :sppchkwin)

if %W1nd0ws% EQU 1 if %ActWindows% NEQ 0 for /f "tokens=2 delims==" %%G in ("wmic path %spp% where
(Description like '%%KMSCLIENT%%' and Name like 'Windows%%') get ID /VALUE") do (set app=%%G&call
:sppchkwin)

if %W1nd0ws% EQU 1 if %ActWindows% EQU 0 (echo.&echo Windows activation is OFF...)

if %Off1ce% EQU 1 if %ActOffice% NEQ 0 for /f "tokens=2 delims==" %%G in ("wmic path %spp% where
(Description like '%%KMSCLIENT%%' and Name like 'Office%%') get ID /VALUE") do (set app=%%G&call
:sppchkoff)

if %AUR% EQU 0 (
call :cKMS %_Nul3%
call :cREG %_Nul3%
) else (
wmic path %sps% where version='%ver%' call DisableKeyManagementServiceDnsPublishing 0 %_Nul3%
wmic path %sps% where version='%ver%' call DisableKeyManagementServiceHostCaching 0 %_Nul3%
)

exit /b

:sppoff
set spp_off15=0&set spp_off16=0&set spp_off19=0

wmic path %spp% where (Description like '%%KMSCLIENT%%') get Name > "!_temp!\sppchk.txt" 2>&1
find /i "Office 15" "!_temp!\sppchk.txt" %_Nul1% && (set spp_off15=1)
find /i "Office 16" "!_temp!\sppchk.txt" %_Nul1% && (set spp_off16=1)
find /i "Office 19" "!_temp!\sppchk.txt" %_Nul1% && (set spp_off19=1)

```

```

for %%A in (15,16,19) do if !loc_off%%A! EQU 0 set spp_off%%A=0
set loc_offgl=1
if %loc_off15% EQU 0 if %loc_off16% EQU 0 if %loc_off19% EQU 0 (set loc_offgl=0)
if %loc_offgl% EQU 1 set Off1ce=1
set spp_offgl=1
if %spp_off15% EQU 0 if %spp_off16% EQU 0 if %spp_off19% EQU 0 (set spp_offgl=0)
if %spp_offgl% EQU 0 (
set Off1ce=0
if %loc_offgl% EQU 0 set "aword=No Installed"
if %loc_offgl% EQU 1 set "aword=No Supported KMS Client"
)
exit /b

:sppchkoff
wmic path %spp% where ID='%app%' get Name > "!_temp!\sppchk.txt"
find /i "Office 15" "!_temp!\sppchk.txt" %_Nul1% && (if %loc_off15% EQU 0 exit /b)
find /i "Office 16" "!_temp!\sppchk.txt" %_Nul1% && (if %loc_off16% EQU 0 exit /b)
find /i "Office 19" "!_temp!\sppchk.txt" %_Nul1% && (if %loc_off19% EQU 0 exit /b)
set office=1
wmic path %spp% where (PartialProductKey is not NULL) get ID %_Nul2% | findstr /i "%app%" %_Nul1% &&
(echo.&call :activate %app%&exit /b)
for /f "tokens=3 delims==, " %%G in ("wmic path %spp% where ID='%app%' get Name /value") do set
OffVer=%%G
call :offchk%OffVer%
exit /b

:sppchkwin
set office=0
if %winbuild% GEQ 14393 if %gvlk% EQU 0 wmic path %spp% where (Description like '%%KMSCLIENT%%' and
PartialProductKey is not NULL) get Name %_Nul2% | findstr /i Windows %_Nul1% && (set gvlk=1)
wmic path %spp% where ID='%app%' get LicenseStatus %_Nul2% | findstr "1" %_Nul1% && (echo.&call
:activate %app%&exit /b)
wmic path %spp% where (PartialProductKey is not NULL) get ID %_Nul2% | findstr /i "%app%" %_Nul1% &&
(echo.&call :activate %app%&exit /b)
if %gvlk% EQU 1 exit /b
if %WinPerm% EQU 1 exit /b
if %winbuild% LSS 10240 (call :winchk&exit /b)
for %%A in (
b71515d9-89a2-4c60-88c8-656fbcca7f3a,af43f7f0-3b1e-4266-a123-1fdb53f4323b,075aca1f-05d7-42e5-a3ce-
e349e7be7078

```

```

11a37f09-fb7f-4002-bd84-f3ae71d11e90,43f2ab05-7c87-4d56-b27c-44d0f9a3dabd,2cf5af84-abab-4ff0-83f8-
f040fb2576eb
6ae51eeb-c268-4a21-9aae-df74c38b586d,ff808201-fec6-4fd4-ae16-abbddade5706,34260150-69ac-49a3-8a0d-
4a403ab55763
4dfd543d-caa6-4f69-a95f-5ddfe2b89567,5fe40dd6-cf1f-4cf2-8729-92121ac2e997,903663f7-d2ab-49c9-8942-
14aa9e0a9c72
2cc171ef-db48-4adc-af09-7c574b37f139,5b2add49-b8f4-42e0-a77c-adad4efeeeb1
) do (
if /i '%app%' EQU '%%A' exit /b
)
if not defined EditionID (call :winchk&exit /b)
if /i '%app%' EQU '0df4f814-3f57-4b8b-9a9d-fddadcd69fac' if /i %EditionID% NEQ CloudE exit /b
if /i '%app%' EQU 'e0c42288-980c-4788-a014-c080d2e1926e' if /i %EditionID% NEQ Education exit /b
if /i '%app%' EQU '73111121-5638-40f6-bc11-f1d7b0d64300' if /i %EditionID% NEQ Enterprise exit /b
if /i '%app%' EQU '2de67392-b7a7-462a-b1ca-108dd189f588' if /i %EditionID% NEQ Professional exit /b
if /i '%app%' EQU '3f1afc82-f8ac-4f6c-8005-1d233e606eee' if /i %EditionID% NEQ ProfessionalEducation exit /b
if /i '%app%' EQU '82bbc092-bc50-4e16-8e18-b74fc486aec3' if /i %EditionID% NEQ ProfessionalWorkstation exit
/b
if /i '%app%' EQU '3c102355-d027-42c6-ad23-2e7ef8a02585' if /i %EditionID% NEQ EducationN exit /b
if /i '%app%' EQU 'e272e3e2-732f-4c65-a8f0-484747d0d947' if /i %EditionID% NEQ EnterpriseN exit /b
if /i '%app%' EQU 'a80b5abf-76ad-428b-b05d-a47d2dffeebf' if /i %EditionID% NEQ ProfessionalN exit /b
if /i '%app%' EQU '5300b18c-2e33-4dc2-8291-47ffcec746dd' if /i %EditionID% NEQ ProfessionalEducationN exit
/b
if /i '%app%' EQU '4b1571d3-bafb-4b40-8087-a961be2caf65' if /i %EditionID% NEQ ProfessionalWorkstationN
exit /b
if /i '%app%' EQU '58e97c99-f377-4ef1-81d5-4ad5522b5fd8' if /i %EditionID% NEQ Core exit /b
if /i '%app%' EQU 'cd918a57-a41b-4c82-8dce-1a538e221a83' if /i %EditionID% NEQ CoreSingleLanguage exit /b
if /i '%app%' EQU 'ec868e65-fadf-4759-b23e-93fe37f2cc29' if /i %EditionID% NEQ ServerRdsh exit /b
if /i '%app%' EQU 'e4db50ea-bda1-4566-b047-0ca50abc6f07' if /i %EditionID% NEQ ServerRdsh exit /b
if /i '%app%' EQU 'e4db50ea-bda1-4566-b047-0ca50abc6f07' (
wmic path %spp% where 'Description like "%%KMSCLIENT%%"' get ID | findstr /i "ec868e65-fadf-4759-b23e-
93fe37f2cc29" %_Nul3% && (exit /b)
)
call :winchk
exit /b

:winchk
if not defined tok (if %winbuild% GEQ 9200 (set "tok=4") else (set "tok=7"))
if not defined wApp set wApp=55c92734-d682-4d71-983e-d6ec3f16059f
wmic path %spp% where (LicenseStatus='1' and Description like '%%KMSCLIENT%%') get Name %_Nul2% |

```

```

findstr /i "Windows" %_Nul3% && (exit /b)
echo.
wmic path %spp% where (LicenseStatus='1' and GracePeriodRemaining='0' and PartialProductKey is not NULL)
get Name %_Nul2% | findstr /i "Windows" %_Nul3% && (
set WinPerm=1
)
if %WinPerm% EQU 0 (
wmic path %spp% where "ApplicationID='%wApp%' and LicenseStatus='1'" get Name %_Nul2% | findstr /i
"Windows" %_Nul3% && (
for /f "tokens=%tok% delims=, " %%G in ("wmic path %spp% where (ApplicationID='%wApp%' and
LicenseStatus='1') get Description /VALUE") do set "channel=%%G"
for %%A in (VOLUME_MAK, RETAIL, OEM_DM, OEM_SLP, OEM_COA, OEM_COA_SLP, OEM_COA_NSLP,
OEM_NONSLP, OEM) do if /i "%%A"=="!channel!" set WinPerm=1
)
)
if %WinPerm% EQU 0 (
copy /y %Windir%\System32\slmgr.vbs "!_temp!\slmgr.vbs" %_Nul3%
cscript //nologo "!_temp!\slmgr.vbs" /xpr %_Nul2% | findstr /i "permanently" %_Nul3% && set WinPerm=1
)
if %WinPerm% EQU 1 (
for /f "tokens=2 delims==" %%x in ("wmic path %spp% where (ApplicationID='%wApp%' and
LicenseStatus='1') get Name /VALUE") do echo Checking: %%x
echo Product is Permanently Activated.
exit /b
)
call :insKey %app%
exit /b

:OSPP
set spp=OfficeSoftwareProtectionProduct
set sps=OfficeSoftwareProtectionService
if %winbuild% LSS 9200 (set "aword=2010/2013/2016/2019") else (set "aword=2010")
if %OspHook% NEQ 1 (echo.&echo No Installed Office %aword% Product Detected...&exit /b)
wmic path %spp% where (Description like '%%KMSCLIENT%%') get Name /VALUE %_Nul3% || (echo.&echo No
Supported KMS Client Office %aword% Product Detected...&exit /b)
if %AUR% EQU 0 (
reg delete "HKLM\%OSPP%\59a52881-a989-479d-af46-f275c6370663" /f %_Nul3%
reg delete "HKLM\%OSPP%\0ff1ce15-a989-479d-af46-f275c6370663" /f %_Nul3%
)
for /f "tokens=2 delims==" %%A in ("wmic path %sps% get Version /VALUE" %_Nul6%) do set ver=%%A

```

```

wmic path %sps% where version='%ver%' call SetKeyManagementServiceMachine MachineName="%KMS_IP%"
%_Nul3%

wmic path %sps% where version='%ver%' call SetKeyManagementServicePort %KMS_Port% %_Nul3%
for /f "tokens=2 delims==" %%G in ("wmic path %spp% where (Description like '%%KMSCLIENT%%') get ID
/VALUE") do (set app=%%G&call :ospchk)
if %AUR% EQU 0 (
call :cKMS %_Nul3%
call :cREG %_Nul3%
) else (
wmic path %sps% where version='%ver%' call DisableKeyManagementServiceDnsPublishing 0 %_Nul3%
wmic path %sps% where version='%ver%' call DisableKeyManagementServiceHostCaching 0 %_Nul3%
)
exit /b

:ospchk
wmic path %spp% where ID='%app%' get Name > "!_temp!\ospchk.txt"
find /i "Office 14" "!_temp!\ospchk.txt" %_Nul1% && (if %loc_off14% EQU 0 exit /b)
find /i "Office 15" "!_temp!\ospchk.txt" %_Nul1% && (if %loc_off15% EQU 0 exit /b)
find /i "Office 16" "!_temp!\ospchk.txt" %_Nul1% && (if %loc_off16% EQU 0 exit /b)
find /i "Office 19" "!_temp!\ospchk.txt" %_Nul1% && (if %loc_off19% EQU 0 exit /b)
set office=0

wmic path %spp% where (PartialProductKey is not NULL) get ID | findstr /i "%app%" %_Nul3% && (echo.&call
:activate %app%&exit /b)
for /f "tokens=3 delims==, " %%G in ("wmic path %spp% where ID='%app%' get Name /value") do set
OffVer=%%G
call :offchk%OffVer%
exit /b

:offchk
set ls=0
set ls2=0
for /f "tokens=2 delims==" %%A in ("wmic path %spp% where (Name like '%%Office%~2%%') get
LicenseStatus /VALUE" %_Nul6%) do set /a ls=%%A
if "%~4" NEQ "" (
for /f "tokens=2 delims==" %%A in ("wmic path %spp% where (Name like '%%Office%~4%%') get
LicenseStatus /VALUE" %_Nul6%) do set /a ls2=%%A
)
if "%ls2%" EQU "1" (
echo Checking: %~5
echo Product is Permanently Activated.

```



```

exit /b
)
if "%ls%" EQU "1" (
echo Checking: %~3
echo Product is Permanently Activated.
exit /b
)
call :insKey %app%
exit /b

:offchk19
if /i '%app%' EQU '0bc88885-718c-491d-921f-6f214349e79c' exit /b
if /i '%app%' EQU 'fc7c4d0c-2e85-4bb9-afd4-01ed1476b5e9' exit /b
if /i '%app%' EQU '500f6619-ef93-4b75-bcb4-82819998a3ca' exit /b
if /i '%app%' EQU '85dd8b5f-eea4-4af3-a628-cce9e77c9a03' (
wmic path %spp% where 'PartialProductKey is not NULL' get ID | findstr /i "0bc88885-718c-491d-921f-6f214349e79c" %_Nul3% && (exit /b)
)
if /i '%app%' EQU '2ca2bf3f-949e-446a-82c7-e25a15ec78c4' (
wmic path %spp% where 'PartialProductKey is not NULL' get ID | findstr /i "fc7c4d0c-2e85-4bb9-afd4-01ed1476b5e9" %_Nul3% && (exit /b)
)
if /i '%app%' EQU '5b5cf08f-b81a-431d-b080-3450d8620565' (
wmic path %spp% where 'PartialProductKey is not NULL' get ID | findstr /i "500f6619-ef93-4b75-bcb4-82819998a3ca" %_Nul3% && (exit /b)
)
if /i '%app%' EQU '85dd8b5f-eea4-4af3-a628-cce9e77c9a03' (
call :offchk "%app%" "19ProPlus2019VL_MAK_AE" "Office ProPlus 2019" "19ProPlus2019XC2RVL_MAKC2R"
"Office ProPlus 2019 C2R"
exit /b
)
if /i '%app%' EQU '6912a74b-a5fb-401a-bfdb-2e3ab46f4b02' (
call :offchk "%app%" "19Standard2019VL_MAK_AE" "Office Standard 2019"
exit /b
)
if /i '%app%' EQU '2ca2bf3f-949e-446a-82c7-e25a15ec78c4' (
call :offchk "%app%" "19ProjectPro2019VL_MAK_AE" "Project Pro 2019" "19ProjectPro2019XC2RVL_MAKC2R"
"Project Pro 2019 C2R"
exit /b
)

```

```
if /i '%app%' EQU '1777f0e3-7392-4198-97ea-8ae4de6f6381' (
call :offchk "%app%" "19ProjectStd2019VL_MAK_AE" "Project Standard 2019"
exit /b
)
if /i '%app%' EQU '5b5cf08f-b81a-431d-b080-3450d8620565' (
call :offchk "%app%" "19VisioPro2019VL_MAK_AE" "Visio Pro 2019" "19VisioPro2019XC2RVL_MAKC2R" "Visio Pro
2019 C2R"
exit /b
)
if /i '%app%' EQU 'e06d7df3-aad0-419d-8dfb-0ac37e2bdf39' (
call :offchk "%app%" "19VisioStd2019VL_MAK_AE" "Visio Standard 2019"
exit /b
)
call :insKey %app%
exit /b

:offchk16
if /i '%app%' EQU 'd450596f-894d-49e0-966a-fd39ed4c4c64' (
call :offchk "%app%" "16ProPlusVL_MAK" "Office ProPlus 2016"
exit /b
)
if /i '%app%' EQU 'dedfa23d-6ed1-45a6-85dc-63cae0546de6' (
call :offchk "%app%" "16StandardVL_MAK" "Office Standard 2016"
exit /b
)
if /i '%app%' EQU '4f414197-0fc2-4c01-b68a-86cbb9ac254c' (
call :offchk "%app%" "16ProjectProVL_MAK" "Project Pro 2016"
exit /b
)
if /i '%app%' EQU 'da7ddabc-3fbe-4447-9e01-6ab7440b4cd4' (
call :offchk "%app%" "16ProjectStdVL_MAK" "Project Standard 2016"
exit /b
)
if /i '%app%' EQU '6bf301c1-b94a-43e9-ba31-d494598c47fb' (
call :offchk "%app%" "16VisioProVL_MAK" "Visio Pro 2016"
exit /b
)
if /i '%app%' EQU 'aa2a7821-1827-4c2c-8f1d-4513a34dda97' (
call :offchk "%app%" "16VisioStdVL_MAK" "Visio Standard 2016"
exit /b
)
```

```
)  
if /i '%app%' EQU '829b8110-0e6f-4349-bca4-42803577788d' (  
call :offchk "%app%" "16ProjectProXC2RVL_MAKC2R" "Project Pro 2016 C2R"  
exit /b  
)  
if /i '%app%' EQU 'cbbaca45-556a-4416-ad03-bda598eaa7c8' (  
call :offchk "%app%" "16ProjectStdXC2RVL_MAKC2R" "Project Standard 2016 C2R"  
exit /b  
)  
if /i '%app%' EQU 'b234abe3-0857-4f9c-b05a-4dc314f85557' (  
call :offchk "%app%" "16VisioProXC2RVL_MAKC2R" "Visio Pro 2016 C2R"  
exit /b  
)  
if /i '%app%' EQU '361fe620-64f4-41b5-ba77-84f8e079b1f7' (  
call :offchk "%app%" "16VisioStdXC2RVL_MAKC2R" "Visio Standard 2016 C2R"  
exit /b  
)  
call :insKey %app%  
exit /b  
  
:offchk15  
if /i '%app%' EQU 'b322da9c-a2e2-4058-9e4e-f59a6970bd69' (  
call :offchk "%app%" "ProPlusVL_MAK" "Office ProPlus 2013"  
exit /b  
)  
if /i '%app%' EQU 'b13afb38-cd79-4ae5-9f7f-eed058d750ca' (  
call :offchk "%app%" "StandardVL_MAK" "Office Standard 2013"  
exit /b  
)  
if /i '%app%' EQU '4a5d124a-e620-44ba-b6ff-658961b33b9a' (  
call :offchk "%app%" "ProjectProVL_MAK" "Project Pro 2013"  
exit /b  
)  
if /i '%app%' EQU '427a28d1-d17c-4abf-b717-32c780ba6f07' (  
call :offchk "%app%" "ProjectStdVL_MAK" "Project Standard 2013"  
exit /b  
)  
if /i '%app%' EQU 'e13ac10e-75d0-4aff-a0cd-764982cf541c' (  
call :offchk "%app%" "VisioProVL_MAK" "Visio Pro 2013"  
exit /b
```

```

)
if /i '%app%' EQU 'ac4efaf0-f81f-4f61-bdf7-ea32b02ab117' (
call :offchk "%app%" "VisioStdVL_MAK" "Visio Standard 2013"
exit /b
)
call :insKey %app%
exit /b

:offchk14
set "vPrem=" & set "vPro="
for /f "tokens=2 delims==" %%A in ('wmic path %spp% where (Name like '%%OfficeVisioPrem-MAK%%') get LicenseStatus /VALUE" %_Nul6%) do set vPrem=%%A
for /f "tokens=2 delims==" %%A in ('wmic path %spp% where (Name like '%%OfficeVisioPro-MAK%%') get LicenseStatus /VALUE" %_Nul6%) do set vPro=%%A
if /i '%app%' EQU '6f327760-8c5c-417c-9b61-836a98287e0c' (
call :offchk "%app%" "ProPlus-MAK" "Office ProPlus 2010" "ProPlusAcad-MAK" "Office Professional Academic 2010"
exit /b
)
if /i '%app%' EQU '9da2a678-fb6b-4e67-ab84-60dd6a9c819a' (
call :offchk "%app%" "Standard-MAK" "Office Standard 2010"
exit /b
)
if /i '%app%' EQU 'ea509e87-07a1-4a45-9edc-eba5a39f36af' (
call :offchk "%app%" "SmallBusBasics-MAK" "Office Home and Business 2010"
exit /b
)
if /i '%app%' EQU 'df133ff7-bf14-4f95-afe3-7b48e7e331ef' (
call :offchk "%app%" "ProjectPro-MAK" "Project Pro 2010"
exit /b
)
if /i '%app%' EQU '5dc7bf61-5ec9-4996-9ccb-df806a2d0efe' (
call :offchk "%app%" "ProjectStd-MAK" "Project Standard 2010"
exit /b
)
if /i '%app%' EQU '92236105-bb67-494f-94c7-7f7a607929bd' (
call :offchk "%app%" "VisioPrem-MAK" "Visio Premium 2010" "VisioPro-MAK" "Visio Pro 2010"
exit /b
)
if defined vPrem exit /b

```

```

if /i '%app%' EQU 'e558389c-83c3-4b29-adfe-5e4d7f46c358' (
call :offchk "%app%" "VisioPro-MAK" "Visio Pro 2010" "VisioStd-MAK" "Visio Standard 2010"
exit /b
)
if defined vPro exit /b
if /i '%app%' EQU '9ed833ff-4f92-4f36-b370-8683a4f13275' (
call :offchk "%app%" "VisioStd-MAK" "Visio Standard 2010"
exit /b
)
call :insKey %app%
exit /b

:officeLoc
set loc_off%1=0
if %1 EQU 19 (
if defined _C2R reg query %_C2R% /v ProductReleaselds %_Nul2% | findstr 2019 %_Nul1% && set loc_off%1=1
exit /b
)

for /f "tokens=2*" %%a in ("reg query HKLM\SOFTWARE\Microsoft\Office\%1.0\Common\InstallRoot /v Path"
%_Nul6%) do if exist "%b\OSPP.VBS" set loc_off%1=1
for /f "tokens=2*" %%a in ("reg query
HKLM\SOFTWARE\Wow6432Node\Microsoft\Office\%1.0\Common\InstallRoot /v Path" %_Nul6%) do if exist
"%b\OSPP.VBS" set loc_off%1=1

if %1 EQU 16 if defined _C2R (
for /f "skip=2 tokens=2*" %%a in ('reg query %_C2R% /v ProductReleaselds') do echo %b>
"!_temp!\c2rchk.txt"
for %%a in
(Mondo,ProPlus,Standard,ProjectProX,ProjectStdX,ProjectPro,ProjectStd,VisioProX,VisioStdX,VisioPro,VisioStd,Acc
ess,Excel,OneNote,Outlook,PowerPoint,Publisher,SkypeforBusiness,Word) do (
findstr /I /C:"%%aVolume" "!_temp!\c2rchk.txt" %_Nul1% && set loc_off%1=1
findstr /I /C:"%%aRetail" "!_temp!\c2rchk.txt" %_Nul1% && set loc_off%1=1
)
exit /b
)

if exist "%ProgramFiles%\Microsoft Office\Office%1\OSPP.VBS" set loc_off%1=1
if exist "%ProgramFiles(x86)%\Microsoft Office\Office%1\OSPP.VBS" set loc_off%1=1
exit /b

```

```

:insKey
echo.
set "key="
for /f "tokens=2 delims==" %%A in ('wmic path %spp% where ID='%1' get Name /VALUE') do echo Installing
Key for: %%A
call :keys %1
if "%key%" EQU "" (echo Could not find matching KMS Client key&exit /b)
wmic path %sps% where version='%ver%' call InstallProductKey ProductKey="%key%" %_Nul3%
set ERRORCODE=%ERRORLEVEL%
if %ERRORCODE% NEQ 0 (
cmd /c exit /b %ERRORCODE%
echo Failed: 0x!=ExitCode!
exit /b
)

:activate
wmic path %spp% where ID='%1' call ClearKeyManagementServiceMachine %_Nul3%
wmic path %spp% where ID='%1' call ClearKeyManagementServicePort %_Nul3%
if %W1nd0ws% EQU 0 if %office% EQU 0 if %sps% EQU SoftwareLicensingService (
wmic path %spp% where ID='%1' call SetKeyManagementServiceMachine MachineName="127.0.0.2" %_Nul3%
wmic path %spp% where ID='%1' call SetKeyManagementServicePort %KMS_Port% %_Nul3%
for /f "tokens=2 delims==" %%x in ('wmic path %spp% where ID='%1' get Name /VALUE') do echo Checking:
%%x
echo Product is KMS 2038 Activated.
exit /b
)
for /f "tokens=2 delims==" %%x in ('wmic path %spp% where ID='%1' get Name /VALUE') do echo Activating:
%%x
wmic path %spp% where ID='%1' call Activate %_Nul3%
call set ERRORCODE=%ERRORLEVEL%
if %ERRORCODE% NEQ 0 (
if %sps% EQU SoftwareLicensingService (call :StopService sppsvc) else (call :StopService osppsvc)
wmic path %spp% where ID='%1' call Activate %_Nul3%
call set ERRORCODE=!ERRORLEVEL!
)
if %sps% EQU SoftwareLicensingService wmic path %sps% where version='%ver%' call RefreshLicenseStatus
%_Nul3%
for /f "tokens=2 delims==" %%x in ('wmic path %spp% where ID='%1' get GracePeriodRemaining /VALUE') do
(set gpr=%%x&set /a gpr2=%%x/1440)

```

```

if %gpr% EQU 43200 if %office% EQU 0 if %winbuild% GEQ 9200 (
%EchoGreen% Windows Core/ProfessionalWMC Activation Successful
echo Remaining Period: 30 days ^(%gpr% minutes^)
exit /b
)
if %gpr% EQU 64800 (
%EchoGreen% Windows Core/ProfessionalWMC Activation Successful
echo Remaining Period: 45 days ^(%gpr% minutes^)
exit /b
)
if %gpr% GTR 259200 if %Win10Gov% EQU 1 (
%EchoGreen% Windows 10 %EditionID% Activation Successful
echo Remaining Period: %gpr2% days ^(%gpr% minutes^)
exit /b
)
if %gpr% EQU 259200 (
%EchoGreen% Product Activation Successful
) else (
cmd /c exit /b %ERRORCODE%
%EchoRed% Product Activation Failed: 0x!=ExitCode!
set activation_ok=0
)
echo Remaining Period: %gpr2% days ^(%gpr% minutes^)
exit /b

:StopService
sc query %1 | find /i "STOPPED" %_Nul1% || net stop %1 /y %_Nul3%
sc query %1 | find /i "STOPPED" %_Nul1% || sc stop %1 %_Nul3%
goto :eof

:InstallHook
for %%# in
(SppExtComObjHookAvrf.dll,SppExtComObjHook.dll,SppExtComObjPatcher.dll,SppExtComObjPatcher.exe) do (
if exist "%SystemRoot%\system32\%%#" del /f /q "%SystemRoot%\system32\%%#" %_Nul3%
)
mklink "%SystemRoot%\system32\SppExtComObjHook.dll" "!_work!\bin!\xOS!.dll" %_Nul3%
set ERRORCODE=%ERRORLEVEL%
if %ERRORCODE% NEQ 0 goto :E_SYM
set AclReset=0
icacls "%SystemRoot%\system32\SppExtComObjHook.dll" /findsid *S-1-5-32-545 %_Nul2% | find /i

```

```

"SppExtComObjHook.dll" %_Nul1% || (
set AclReset=1
icaccls "%SystemRoot%\system32\SppExtComObjHook.dll" /grant *S-1-5-32-545:RX %_Nul3%
)
if %OSType% EQU Win8 call :CreateIFEOEntry SppExtComObj.exe
if %OSType% EQU Win7 if %SppHook% NEQ 0 call :CreateIFEOEntry sppsvc.exe
if %OspHook% NEQ 0 call :CreateIFEOEntry ospsvc.exe
goto :eof

:UninstallHook
if %AclReset% EQU 1 icaccls "%SystemRoot%\system32\SppExtComObjHook.dll" /reset %_Nul3%
if exist "%SystemRoot%\system32\SppExtComObjHook.dll" del /f /q
"%SystemRoot%\system32\SppExtComObjHook.dll" %_Nul3%
if %OSType% EQU Win8 call :RemoveIFEOEntry SppExtComObj.exe
if %OSType% EQU Win7 if %SppHook% NEQ 0 call :RemoveIFEOEntry sppsvc.exe
if %OspHook% NEQ 0 call :RemoveIFEOEntry ospsvc.exe
goto :eof

:CreateIFEOEntry
reg delete "%IFEO%\%1" /f /v Debugger %_Nul3%
reg add "%IFEO%\%1" /f /v VerifierDlls /t REG_SZ /d "SppExtComObjHook.dll" %_Nul3%
reg add "%IFEO%\%1" /f /v GlobalFlag /t REG_DWORD /d 256 %_Nul3%
reg add "%IFEO%\%1" /f /v KMS_Emulation /t REG_DWORD /d %KMS_Emulation% %_Nul3%
reg add "%IFEO%\%1" /f /v KMS_ActivationInterval /t REG_DWORD /d %KMS_ActivationInterval% %_Nul3%
reg add "%IFEO%\%1" /f /v KMS_RenewalInterval /t REG_DWORD /d %KMS_RenewalInterval% %_Nul3%
if /i %1 EQU SppExtComObj.exe if %winbuild% GEQ 9600 (
reg add "%IFEO%\%1" /f /v KMS_HWID /t REG_QWORD /d "%KMS_HWID%" %_Nul3%
)
goto :eof

:RemoveIFEOEntry
if /i %1 NEQ ospsvc.exe (
reg delete "%IFEO%\%1" /f %_Nul3%
goto :eof
)
if %OspHook% NEQ 1 if /i %1 EQU ospsvc.exe (
reg delete "%IFEO%\%1" /f %_Nul3%
goto :eof
)
for %%A in

```



```

(VerifierDlls,GlobalFlag,Debugger,KMS_Emulation,KMS_ActivationInterval,KMS_RenewalInterval,Office2010,Office
2013,Office2016,Office2019) do reg delete "%IFEO%\%1" /v %%A /f %_Nul3%
reg delete "HKLM\%OSPP%" /v KeyManagementServiceName /f %_Nul3%
reg delete "HKLM\%OSPP%" /v KeyManagementServicePort /f %_Nul3%
goto :eof

:UpdateIFEOEntry
reg query "%IFEO%\%1" /v KMS_Emulation %_Nul3% || goto :eof
reg add "%IFEO%\%1" /f /v KMS_ActivationInterval /t REG_DWORD /d %KMS_ActivationInterval% %_Nul3%
reg add "%IFEO%\%1" /f /v KMS_RenewalInterval /t REG_DWORD /d %KMS_RenewalInterval% %_Nul3%
if /i %1 EQU SppExtComObj.exe if %winbuild% GEQ 9600 reg add "%IFEO%\%1" /f /v KMS_HWID /t REG_QWORD
/d "%KMS_HWID%" %_Nul3%

:UpdateOSPPEntry
if /i %1 EQU osppsvc.exe (
reg add "HKLM\%OSPP%" /f /v KeyManagementServiceName /t REG_SZ /d %KMS_IP% %_Nul3%
reg add "HKLM\%OSPP%" /f /v KeyManagementServicePort /t REG_SZ /d %KMS_Port% %_Nul3%
)
goto :eof

:cKMS
wmic path %sps% where version='%ver%' call ClearKeyManagementServiceMachine
wmic path %sps% where version='%ver%' call ClearKeyManagementServicePort
wmic path %sps% where version='%ver%' call DisableKeyManagementServiceDnsPublishing 1
wmic path %sps% where version='%ver%' call DisableKeyManagementServiceHostCaching 1
goto :eof

:cREG
reg delete "HKLM\%SPPk%\55c92734-d682-4d71-983e-d6ec3f16059f" /f
reg delete "HKLM\%SPPk%\0ff1ce15-a989-479d-af46-f275c6370663" /f
reg delete "HKLM\%SPPk%" /f /v KeyManagementServiceName
reg delete "HKLM\%SPPk%" /f /v KeyManagementServicePort
reg delete "HKU\S-1-5-20\%SPPk%\55c92734-d682-4d71-983e-d6ec3f16059f" /f
reg delete "HKU\S-1-5-20\%SPPk%\0ff1ce15-a989-479d-af46-f275c6370663" /f
reg delete "HKLM\%OSPP%\59a52881-a989-479d-af46-f275c6370663" /f
reg delete "HKLM\%OSPP%\0ff1ce15-a989-479d-af46-f275c6370663" /f
reg delete "HKLM\%OSPP%" /f /v KeyManagementServiceName
reg delete "HKLM\%OSPP%" /f /v KeyManagementServicePort
if %OspHook% NEQ 1 (
reg delete "HKLM\%OSPP%" /f

```

```
reg delete "HKU\S-1-5-20\%OSPP%" /f
)
goto :eof

:keys
if "%~1"==" " exit /b
goto :%1 %_Nul2% || exit /b

:: Windows 10 [RS5]
:32d2fab3-e4a8-42c2-923b-4bf4fd13e6ee
set "key=M7XTQ-FN8P6-TTKYV-9D4CC-J462D" &:: Enterprise LTSC 2019
exit /b

:7103a333-b8c8-49cc-93ce-d37c09687f92
set "key=92NFX-8DJQP-P6BBQ-THF9C-7CG2H" &:: Enterprise LTSC 2019 N
exit /b

:ec868e65-fadf-4759-b23e-93fe37f2cc29
set "key=CPWHC-NT2C7-VYW78-DHDB2-PG3GK" &:: Enterprise for Virtual Desktops
exit /b

:0df4f814-3f57-4b8b-9a9d-fddadcd69fac
set "key=NBTWJ-3DR69-3C4V8-C26MC-GQ9M6" &:: Lean
exit /b

:: Windows 10 [RS3]
:82bbc092-bc50-4e16-8e18-b74fc486aec3
set "key=NRG8B-VKK3Q-CXVCJ-9G2XF-6Q84J" &:: Pro Workstation
exit /b

:4b1571d3-bafb-4b40-8087-a961be2caf65
set "key=9FNHH-K3HBT-3W4TD-6383H-6XYWF" &:: Pro Workstation N
exit /b

:e4db50ea-bda1-4566-b047-0ca50abc6f07
set "key=7NBT4-WGBQX-MP4H7-QXFF8-YP3KX" &:: Enterprise Remote Server
exit /b

:: Windows 10 [RS2]
:e0b2d383-d112-413f-8a80-97f373a5820c
```

```
set "key=YYVX9-NTFWV-6MDM3-9PT4T-4M68B" &:: Enterprise G
exit /b
```

```
:e38454fb-41a4-4f59-a5dc-25080e354730
set "key=44RPN-FTY23-9VTTB-MP9BX-T84FV" &:: Enterprise G N
exit /b
```

```
:: Windows 10 [RS1]
:2d5a5a60-3040-48bf-beb0-fcd770c20ce0
set "key=DCPHK-NFMTC-H88MJ-PFHPY-QJ4BJ" &:: Enterprise 2016 LTSC
exit /b
```

```
:9f776d83-7156-45b2-8a5c-359b9c9f22a3
set "key=QFFDN-GRT3P-VKWWX-X7T3R-8B639" &:: Enterprise 2016 LTSC N
exit /b
```

```
:3f1afc82-f8ac-4f6c-8005-1d233e606eee
set "key=6TP4R-GNPTD-KYYHQ-7B7DP-J447Y" &:: Pro Education
exit /b
```

```
:5300b18c-2e33-4dc2-8291-47ffcec746dd
set "key=YVWGF-BXNMC-HTQYQ-CPQ99-66QFC" &:: Pro Education N
exit /b
```

```
:: Windows 10 [TH]
:58e97c99-f377-4ef1-81d5-4ad5522b5fd8
set "key=TX9XD-98N7V-6WMQ6-BX7FG-H8Q99" &:: Home
exit /b
```

```
:7b9e1751-a8da-4f75-9560-5fadfe3d8e38
set "key=3KHY7-WNT83-DGQKR-F7HPR-844BM" &:: Home N
exit /b
```

```
:cd918a57-a41b-4c82-8dce-1a538e221a83
set "key=7HNRX-D7KGG-3K4RQ-4WPJ4-YTDFH" &:: Home Single Language
exit /b
```

```
:a9107544-f4a0-4053-a96a-1479abdef912
set "key=PVMJN-6DFY6-9CCP6-7BKTT-D3WVR" &:: Home China
exit /b
```

:2de67392-b7a7-462a-b1ca-108dd189f588

set "key=W269N-WFGWX-YVC9B-4J6C9-T83GX" &:: Pro

exit /b

:a80b5abf-76ad-428b-b05d-a47d2dffeebf

set "key=MH37W-N47XK-V7XM9-C7227-GCQG9" &:: Pro N

exit /b

:e0c42288-980c-4788-a014-c080d2e1926e

set "key=NW6C2-QMPVW-D7KKK-3GKT6-VCFB2" &:: Education

exit /b

:3c102355-d027-42c6-ad23-2e7ef8a02585

set "key=2WH4N-8QGBV-H22JP-CT43Q-MDWWJ" &:: Education N

exit /b

:73111121-5638-40f6-bc11-f1d7b0d64300

set "key=NPPR9-FWDCX-D2C8J-H872K-2YT43" &:: Enterprise

exit /b

:e272e3e2-732f-4c65-a8f0-484747d0d947

set "key=DPH2V-TTNVB-4X9Q3-TJR4H-KHJW4" &:: Enterprise N

exit /b

:7b51a46c-0c04-4e8f-9af4-8496cca90d5e

set "key=WNMTR-4C88C-JK8YV-HQ7T2-76DF9" &:: Enterprise 2015 LTSB

exit /b

:87b838b7-41b6-4590-8318-5797951d8529

set "key=2F77B-TNFGY-69QQF-B8YKP-D69TJ" &:: Enterprise 2015 LTSB N

exit /b

:: Windows Server 2019 [RS5]

:de32eafd-aaee-4662-9444-c1befb41bde2

set "key=N69G4-B89J2-4G8F4-WWYCC-J464C" &:: Standard

exit /b

:34e1ae55-27f8-4950-8877-7a03be5fb181

set "key=WMDGN-G9PQG-XVVXX-R3X43-63DFG" &:: Datacenter

exit /b

:034d3cbb-5d4b-4245-b3f8-f84571314078

set "key=WVDHN-86M7X-466P6-VHXV7-YY726" &:: Essentials

exit /b

:a99cc1f0-7719-4306-9645-294102fbff95

set "key=FDNH6-VW9RW-BXPJ7-4XTYG-239TB" &:: Azure Core

exit /b

:73e3957c-fc0c-400d-9184-5f7b6f2eb409

set "key=N2KJX-J94YW-TQVFB-DG9YT-724CC" &:: Standard ACor

exit /b

:90c362e5-0da1-4bfd-b53b-b87d309ade43

set "key=6NMRW-2C8FM-D24W7-TQWMY-CWH2D" &:: Datacenter ACor

exit /b

:8de8eb62-bbe0-40ac-ac17-f75595071ea3

set "key=GRFBW-QNDC4-6QBHG-CCK3B-2PR88" &:: ServerARM64

exit /b

:: Windows Server 2016 [RS4]

:43d9af6e-5e86-4be8-a797-d072a046896c

set "key=K9FYF-G6NCK-73M32-XMVPY-F9DRR" &:: ServerARM64

exit /b

:: Windows Server 2016 [RS3]

:61c5ef22-f14f-4553-a824-c4b31e84b100

set "key=PTXN8-JFHJM-4WC78-MPCBR-9W4KR" &:: Standard ACor

exit /b

:e49c08e7-da82-42f8-bde2-b570fbcae76c

set "key=2HXdN-KRXHB-GPYC7-YCKFJ-7FVDG" &:: Datacenter ACor

exit /b

:: Windows Server 2016 [RS1]

:8c1c5410-9f39-4805-8c9d-63a07706358f

set "key=WC2BQ-8NRM3-FDDYY-2BFGV-KHKQY" &:: Standard

exit /b

:21c56779-b449-4d20-adfc-eece0e1ad74b

set "key=CB7KF-BWN84-R7R2Y-793K2-8XDDG" &:: Datacenter

exit /b

:2b5a1b0f-a5ab-4c54-ac2f-a6d94824a283

set "key=JCKRF-N37P4-C2D82-9YXRT-4M63B" &:: Essentials

exit /b

:7b4433f4-b1e7-4788-895a-c45378d38253

set "key=QN4C6-GBJD2-FB422-GHWJK-GJG2R" &:: Cloud Storage

exit /b

:3dbf341b-5f6c-4fa7-b936-699dce9e263f

set "key=VP34G-4NPPG-79JTQ-864T4-R3MQX" &:: Azure Core

exit /b

:: Windows 8.1

:fe1c3238-432a-43a1-8e25-97e7d1ef10f3

set "key=M9Q9P-WNJJT-6XPY-DWX8H-6XWKK" &:: Core

exit /b

:78558a64-dc19-43fe-a0d0-8075b2a370a3

set "key=7B9N3-D94CG-YTVHR-QBPX3-RJP64" &:: Core N

exit /b

:c72c6a1d-f252-4e7e-bdd1-3fca342acb35

set "key=BB6NG-PQ82V-VRDPW-8XVD2-V8P66" &:: Core Single Language

exit /b

:db78b74f-ef1c-4892-abfe-1e66b8231df6

set "key=NCTT7-2RGK8-WMHRF-RY7YQ-JTXG3" &:: Core China

exit /b

:ffee456a-cd87-4390-8e07-16146c672fd0

set "key=XYTND-K6QKT-K2MRH-66RTM-43JKP" &:: Core ARM

exit /b

:c06b6981-d7fd-4a35-b7b4-054742b7af67

set "key=GCRJD-8NW9H-F2CDX-CCM8D-9D6T9" &:: Pro

exit /b

:7476d79f-8e48-49b4-ab63-4d0b813a16e4

set "key=HMCNV-VVBFX-7HMBH-CTY9B-B4FX" &:: Pro N

exit /b

:096ce63d-4fac-48a9-82a9-61ae9e800e5f

set "key=789NJ-TQK6T-6XTH8-J39CJ-J8D3P" &:: Pro with Media Center

exit /b

:81671aaf-79d1-4eb1-b004-8cbbe173afea

set "key=MHF9N-XY6XB-WVXMC-BTDCT-MKKG7" &:: Enterprise

exit /b

:113e705c-fa49-48a4-beea-7dd879b46b14

set "key=TT4HM-HN7YT-62K67-RGRQJ-JFFXW" &:: Enterprise N

exit /b

:0ab82d54-47f4-4acb-818c-cc5bf0ecb649

set "key=NMMPB-38DD4-R2823-62W8D-VXKJB" &:: Embedded Industry Pro

exit /b

:cd4e2d9f-5059-4a50-a92d-05d5bb1267c7

set "key=FNFKF-PWTVT-9RC8H-32HB2-JB34X" &:: Embedded Industry Enterprise

exit /b

:f7e88590-dfc7-4c78-bccb-6f3865b99d1a

set "key=VHXM3-NR6FT-RY6RT-CK882-KW2CJ" &:: Embedded Industry Automotive

exit /b

:e9942b32-2e55-4197-b0bd-5ff58cba8860

set "key=3PY8R-QHNP9-W7XQD-G6DPH-3J2C9" &:: with Bing

exit /b

:c6ddecd6-2354-4c19-909b-306a3058484e

set "key=Q6HTR-N24GM-PMJFP-69CD8-2GXKR" &:: with Bing N

exit /b

:b8f5e3a3-ed33-4608-81e1-37d6c9dcfd9c

set "key=KF37N-VDV38-GRRTV-XH8X6-6F3BB" &:: with Bing Single Language

exit /b

:ba998212-460a-44db-bfb5-71bf09d1c68b

set "key=R962J-37N87-9VVK2-WJ74P-XTMHR" &:: with Bing China

exit /b

:e58d87b5-8126-4580-80fb-861b22f79296

set "key=MX3RK-9HNGX-K3QKC-6PJ3F-W8D7B" &:: Pro for Students

exit /b

:cab491c7-a918-4f60-b502-dab75e334f40

set "key=TNFGH-2R6PB-8XM3K-QYHX2-J4296" &:: Pro for Students N

exit /b

:: Windows Server 2012 R2

:b3ca044e-a358-4d68-9883-aaa2941aca99

set "key=D2N9P-3P6X9-2R39C-7RTCD-MDVJX" &:: Standard

exit /b

:00091344-1ea4-4f37-b789-01750ba6988c

set "key=W3GGN-FT8W3-Y4M27-J84CP-Q3VJ9" &:: Datacenter

exit /b

:21db6ba4-9a7b-4a14-9e29-64a60c59301d

set "key=KNC87-3J2TX-XB4WP-VCPJV-M4FWM" &:: Essentials

exit /b

:b743a2be-68d4-4dd3-af32-92425b7bb623

set "key=3NPTF-33KPT-GGBPR-YX76B-39KDD" &:: Cloud Storage

exit /b

:: Windows 8

:c04ed6bf-55c8-4b47-9f8e-5a1f31ceee60

set "key=BN3D2-R7TKB-3YPBD-8DRP2-27GG4" &:: Core

exit /b

:197390a0-65f6-4a95-bdc4-55d58a3b0253

set "key=8N2M2-HWPGY-7PGT9-HGDD8-GVGGY" &:: Core N

exit /b

:8860fcd4-a77b-4a20-9045-a150ff11d609

set "key=2WN2H-YGCQR-KFX6K-CD6TF-84YXQ" &:: Core Single Language

exit /b

:9d5584a2-2d85-419a-982c-a00888bb9ddf

set "key=4K36P-JN4VD-GDC6V-KDT89-DYFKP" &:: Core China

exit /b

:af35d7b7-5035-4b63-8972-f0b747b9f4dc

set "key=DXHJF-N9KQX-MFPVR-GHGQK-Y7RKV" &:: Core ARM

exit /b

:a98bcd6d-5343-4603-8afe-5908e4611112

set "key=NG4HW-VH26C-733KW-K6F98-J8CK4" &:: Pro

exit /b

:ebf245c1-29a8-4daf-9cb1-38dfc608a8c8

set "key=XCVCF-2NXM9-723PB-MHCB7-2RYQQ" &:: Pro N

exit /b

:a00018a3-f20f-4632-bf7c-8daa5351c914

set "key=GNBB8-YVD74-QJHX6-27H4K-8QHDG" &:: Pro with Media Center

exit /b

:458e1bec-837a-45f6-b9d5-925ed5d299de

set "key=32JNW-9KQ84-P47T8-D8GGY-CWCK7" &:: Enterprise

exit /b

:e14997e7-800a-4cf7-ad10-de4b45b578db

set "key=JMNMF-RHW7P-DMY6X-RF3DR-X2BQT" &:: Enterprise N

exit /b

:10018baf-ce21-4060-80bd-47fe74ed4dab

set "key=RYXVT-BNQG7-VD29F-DBMRY-HT73M" &:: Embedded Industry Pro

exit /b

:18db1848-12e0-4167-b9d7-da7fcda507db

set "key=NKB3R-R2F8T-3XCDP-7Q2KW-XWYQ2" &:: Embedded Industry Enterprise

exit /b

:: Windows Server 2012

:f0f5ec41-0d55-4732-af02-440a44a3cf0f

set "key=XC9B7-NBPP2-83J2H-RHMBY-92BT4" &:: Standard

exit /b

:d3643d60-0c42-412d-a7d6-52e6635327f6

set "key=48HP8-DN98B-MYWDG-T2DCC-8W83P" &:: Datacenter

exit /b

:7d5486c7-e120-4771-b7f1-7b56c6d3170c

set "key=HM7DN-YVMH3-46JC3-XYTG7-CYQJJ" &:: MultiPoint Standard

exit /b

:95fd1c83-7df5-494a-be8b-1300e1c9d1cd

set "key=XNH6W-2V9GX-RGJ4K-Y8X6F-QGJ2G" &:: MultiPoint Premium

exit /b

:: Windows 7

:b92e9980-b9d5-4821-9c94-140f632f6312

set "key=FJ82H-XT6CR-J8D7P-XQJJ2-GPDD4" &:: Professional

exit /b

:54a09a0d-d57b-4c10-8b69-a842d6590ad5

set "key=MRPKT-YTG23-K7D7T-X2JMM-QY7MG" &:: Professional N

exit /b

:5a041529-fef8-4d07-b06f-b59b573b32d2

set "key=W82YF-2Q76Y-63HXB-FGJG9-GF7QX" &:: Professional E

exit /b

:ae2ee509-1b34-41c0-acb7-6d4650168915

set "key=33PXH-7Y6KF-2VJC9-XBBR8-HVTHH" &:: Enterprise

exit /b

:1cb6d605-11b3-4e14-bb30-da91c8e3983a

set "key=YDRBP-3D83W-TY26F-D46B2-XCKRJ" &:: Enterprise N

exit /b

:46bbbed08-9c7b-48fc-a614-95250573f4ea

set "key=C29WB-22CC8-VJ326-GHFJW-H9DH4" &:: Enterprise E

exit /b

:db537896-376f-48ae-a492-53d0547773d0

set "key=YBYF6-BHCR3-JPKRB-CDW7B-F9BK4" &:: Embedded POSReady 7

exit /b

:e1a8296a-db37-44d1-8cce-7bc961d59c54

set "key=XGY72-BRBBT-FF8MH-2GG8H-W7KCW" &:: Embedded Standard

exit /b

:aa6dd3aa-c2b4-40e2-a544-a6bbb3f5c395

set "key=73KQT-CD9G6-K7TQG-66MRP-CQ22C" &:: Embedded ThinPC

exit /b

:: Windows Server 2008 R2

:a78b8bd9-8017-4df5-b86a-09f756affa7c

set "key=6TPJF-RBVHG-WBW2R-86QPH-6RTM4" &:: Web

exit /b

:cda18cf3-c196-46ad-b289-60c072869994

set "key=TT8MH-CG224-D3D7Q-498W2-9QCTX" &:: HPC

exit /b

:68531fb9-5511-4989-97be-d11a0f55633f

set "key=YC6KT-GKW9T-YTKYR-T4X34-R7VHC" &:: Standard

exit /b

:7482e61b-c589-4b7f-8ecc-46d455ac3b87

set "key=74YFP-3QFB3-KQT8W-PMXWJ-7M648" &:: Datacenter

exit /b

:620e2b3d-09e7-42fd-802a-17a13652fe7a

set "key=489J6-VHDMP-X63PK-3K798-CPX3Y" &:: Enterprise

exit /b

:8a26851c-1c7e-48d3-a687-fbca9b9ac16b

set "key=GT63C-RJFQ3-4GMB6-BRFB9-CB83V" &:: Itanium

exit /b

:f772515c-0e87-48d5-a676-e6962c3e1195

set "key=736RG-XDKJK-V34PF-BHK87-J6X3K" &:: MultiPoint Server
exit /b

:: Office 2019

:0bc88885-718c-491d-921f-6f214349e79c

set "key=VQ9DP-NVHPH-T9HJC-J9PDT-KTQRG" &:: Professional Plus C2R-P
exit /b

:fc7c4d0c-2e85-4bb9-afd4-01ed1476b5e9

set "key=XM2V9-DN9HH-QB449-XDGKC-W2RMW" &:: Project Professional C2R-P
exit /b

:500f6619-ef93-4b75-bcb4-82819998a3ca

set "key=N2CG9-YD3YK-936X4-3WR82-Q3X4H" &:: Visio Professional C2R-P
exit /b

:85dd8b5f-eaa4-4af3-a628-cce9e77c9a03

set "key=NMMKJ-6RK4F-KMJVX-8D9MJ-6MWKP" &:: Professional Plus
exit /b

:6912a74b-a5fb-401a-bfdb-2e3ab46f4b02

set "key=6NWWJ-YQWMR-QKGCB-6TMB3-9D9HK" &:: Standard
exit /b

:2ca2bf3f-949e-446a-82c7-e25a15ec78c4

set "key=B4NPR-3FKK7-T2MBV-FRQ4W-PKD2B" &:: Project Professional
exit /b

:1777f0e3-7392-4198-97ea-8ae4de6f6381

set "key=C4F7P-NCP8C-6CQPT-MQHV9-JXD2M" &:: Project Standard
exit /b

:5b5cf08f-b81a-431d-b080-3450d8620565

set "key=9BGNQ-K37YR-RQHF2-38RQ3-7VCBB" &:: Visio Professional
exit /b

:e06d7df3-aad0-419d-8dfb-0ac37e2bdf39

set "key=7TQNQ-K3YQQ-3PFH7-CCPPM-X4VQ2" &:: Visio Standard
exit /b

:9e9bceeb-e736-4f26-88de-763f87dcc485

set "key=9N9PT-27V4Y-VJ2PD-YXFMF-YTFQT" &:: Access
exit /b

:237854e9-79fc-4497-a0c1-a70969691c6b

set "key=TMJWT-YYNMB-3BKTF-644FC-RVXBD" &:: Excel
exit /b

:c8f8a301-19f5-4132-96ce-2de9d4adbd33

set "key=7HD7K-N4PVK-BHBCQ-YWQRW-XW4VK" &:: Outlook
exit /b

:3131fd61-5e4f-4308-8d6d-62be1987c92c

set "key=RRNCX-C64HY-W2MM7-MCH9G-TJHMQ" &:: PowerPoint
exit /b

:9d3e4cca-e172-46f1-a2f4-1d2107051444

set "key=G2KWX-3NW6P-PY93R-JXK2T-C9Y9V" &:: Publisher
exit /b

:734c6c6e-b0ba-4298-a891-671772b2bd1b

set "key=NCJ33-JHBBY-HTK98-MYCV8-HMKHJ" &:: Skype for Business
exit /b

:059834fe-a8ea-4bff-b67b-4d006b5447d3

set "key=PBX3G-NWMT6-Q7XBW-PYJGG-WXD33" &:: Word
exit /b

:: Office 2016

:829b8110-0e6f-4349-bca4-42803577788d

set "key=WGT24-HCNMF-FQ7XH-6M8K7-DRTW9" &:: Project Professional C2R-P
exit /b

:cbbaca45-556a-4416-ad03-bda598eaa7c8

set "key=D8NRQ-JTYM3-7J2DX-646CT-6836M" &:: Project Standard C2R-P
exit /b

:b234abe3-0857-4f9c-b05a-4dc314f85557

set "key=69WXN-MBYV6-22PQG-3WGHK-RM6XC" &:: Visio Professional C2R-P
exit /b

:361fe620-64f4-41b5-ba77-84f8e079b1f7

set "key=NY48V-PPYYH-3F4PX-XJRKJ-W4423" &:: Visio Standard C2R-P

exit /b

:e914ea6e-a5fa-4439-a394-a9bb3293ca09

set "key=DMTCJ-KNRKX-26982-JYCKT-P7KB6" &:: MondoR

exit /b

:9caabccb-61b1-4b4b-8bec-d10a3c3ac2ce

set "key=HFTND-W9MK4-8B7MJ-B6C4G-XQBR2" &:: Mondo

exit /b

:d450596f-894d-49e0-966a-fd39ed4c4c64

set "key=XQNVK-8JYDB-WJ9W3-YJ8YR-WFG99" &:: Professional Plus

exit /b

:dedfa23d-6ed1-45a6-85dc-63cae0546de6

set "key=JNRGM-WHDWX-FJJG3-K47QV-DRTFM" &:: Standard

exit /b

:4f414197-0fc2-4c01-b68a-86cbb9ac254c

set "key=YG9NW-3K39V-2T3HJ-93F3Q-G83KT" &:: Project Professional

exit /b

:da7ddabc-3fbe-4447-9e01-6ab7440b4cd4

set "key=GNFHQ-F6YQM-KQDGJ-327XX-KQBVC" &:: Project Standard

exit /b

:6bf301c1-b94a-43e9-ba31-d494598c47fb

set "key=PD3PC-RHNGV-FXJ29-8JK7D-RJRJK" &:: Visio Professional

exit /b

:aa2a7821-1827-4c2c-8f1d-4513a34dda97

set "key=7WHWN-4T7MP-G96JF-G33KR-W8GF4" &:: Visio Standard

exit /b

:67c0fc0c-deba-401b-bf8b-9c8ad8395804

set "key=GNH9Y-D2J4T-FJHGG-QRVH7-QPFDW" &:: Access

exit /b

:c3e65d36-141f-4d2f-a303-a842ee756a29

set "key=9C2PK-NWTVB-JMPW8-BFT28-7FTBF" &:: Excel
exit /b

:d8cace59-33d2-4ac7-9b1b-9b72339c51c8

set "key=DR92N-9HTF2-97XKM-XW2WJ-XW3J6" &:: OneNote
exit /b

:ec9d9265-9d1e-4ed0-838a-cdc20f2551a1

set "key=R69KK-NTPKF-7M3Q4-QYBHW-6MT9B" &:: Outlook
exit /b

:d70b1bba-b893-4544-96e2-b7a318091c33

set "key=J7MQP-HNJ4Y-WJ7YM-PFYGF-BY6C6" &:: Powerpoint
exit /b

:041a06cb-c5b8-4772-809f-416d03d16654

set "key=F47MM-N3XJP-TQXJ9-BP99D-8K837" &:: Publisher
exit /b

:83e04ee1-fa8d-436d-8994-d31a862cab77

set "key=869NQ-FJ69K-466HW-QYCP2-DDBV6" &:: Skype for Business
exit /b

:bb11badf-d8aa-470e-9311-20eaf80fe5cc

set "key=WXY84-JN2Q9-RBCCQ-3Q3J3-3PFJ6" &:: Word
exit /b

:: Office 2013

:dc981c6b-fc8e-420f-aa43-f8f33e5c0923

set "key=42QTK-RN8M7-J3C4G-BBGYM-88CYV" &:: Mondo
exit /b

:b322da9c-a2e2-4058-9e4e-f59a6970bd69

set "key=YC7DK-G2NP3-2QQC3-J6H88-GVGXT" &:: Professional Plus
exit /b

:b13afb38-cd79-4ae5-9f7f-eed058d750ca

set "key=KBKQT-2NMXY-JJWGP-M62JB-92CD4" &:: Standard

exit /b

:4a5d124a-e620-44ba-b6ff-658961b33b9a

set "key=FN8TT-7WMH6-2D4X9-M337T-2342K" &:: Project Professional

exit /b

:427a28d1-d17c-4abf-b717-32c780ba6f07

set "key=6NTH3-CW976-3G3Y2-JK3TX-8QHTT" &:: Project Standard

exit /b

:e13ac10e-75d0-4aff-a0cd-764982cf541c

set "key=C2FG9-N6J68-H8BTJ-BW3QX-RM3B3" &:: Visio Professional

exit /b

:ac4efaf0-f81f-4f61-bdf7-ea32b02ab117

set "key=J484Y-4NKBF-W2HMG-DBMJC-PGWR7" &:: Visio Standard

exit /b

:6ee7622c-18d8-4005-9fb7-92db644a279b

set "key=NG2JY-H4JBT-HQXYP-78QH9-4JM2D" &:: Access

exit /b

:f7461d52-7c2b-43b2-8744-ea958e0bd09a

set "key=VGPNG-Y7HQW-9RHP7-TKPV3-BG7GB" &:: Excel

exit /b

:fb4875ec-0c6b-450f-b82b-ab57d8d1677f

set "key=H7R7V-WPNXQ-WCYXC-76BGV-VT7GH" &:: Groove

exit /b

:a30b8040-d68a-423f-b0b5-9ce292ea5a8f

set "key=DKT8B-N7VXH-D963P-Q4PHY-F8894" &:: InfoPath

exit /b

:1b9f11e3-c85c-4e1b-bb29-879ad2c909e3

set "key=2MG3G-3BNNT-3MFW9-KDQW3-TCK7R" &:: Lync

exit /b

:efe1f3e6-aea2-4144-a208-32aa872b6545

set "key=TGN6P-8MMBC-37P2F-XHXXK-P34VW" &:: OneNote

exit /b

:771c3afa-50c5-443f-b151-ff2546d863a0

set "key=QPN8Q-BJBTJ-334K3-93TGY-2PMBT" &:: Outlook

exit /b

:8c762649-97d1-4953-ad27-b7e2c25b972e

set "key=4NT99-8RJFH-Q2VDH-KYG2C-4RD4F" &:: Powerpoint

exit /b

:00c79ff1-6850-443d-bf61-71cde0de305f

set "key=PN2WF-29XG2-T9HJ7-JQPJR-FCXK4" &:: Publisher

exit /b

:d9f5b1c6-5386-495a-88f9-9ad6b41ac9b3

set "key=6Q7VD-NX8JD-WJ2VH-88V73-4GBJ7" &:: Word

exit /b

:: Office 2010

:09ed9640-f020-400a-acd8-d7d867dfd9c2

set "key=YBJTT-JG6MD-V9Q7P-DBKXJ-38W9R" &:: Mondo

exit /b

:ef3d4e49-a53d-4d81-a2b1-2ca6c2556b2c

set "key=7TC2V-WXF6P-TD7RT-BQRXR-B8K32" &:: Mondo2

exit /b

:6f327760-8c5c-417c-9b61-836a98287e0c

set "key=VYBBJ-TRJPB-QFQRF-QFT4D-H3GVB" &:: Professional Plus

exit /b

:9da2a678-fb6b-4e67-ab84-60dd6a9c819a

set "key=V7QKV-4XVVR-XYV4D-F7DFM-8R6BM" &:: Standard

exit /b

:df133ff7-bf14-4f95-afe3-7b48e7e331ef

set "key=YGX6F-PGV49-PGW3J-9BTGG-VHKC6" &:: Project Professional

exit /b

:5dc7bf61-5ec9-4996-9ccb-df806a2d0efe

set "key=4HP3K-88W3F-W2K3D-6677X-F9PGB" &:: Project Standard
exit /b

:92236105-bb67-494f-94c7-7f7a607929bd

set "key=D9DWC-HPYVV-JGF4P-BTWQB-WX8BJ" &:: Visio Premium
exit /b

:e558389c-83c3-4b29-adfe-5e4d7f46c358

set "key=7MCW8-VRQVK-G677T-PDJCM-Q8TCP" &:: Visio Professional
exit /b

:9ed833ff-4f92-4f36-b370-8683a4f13275

set "key=767HD-QGMWX-8QTDB-9G3R2-KHFGJ" &:: Visio Standard
exit /b

:8ce7e872-188c-4b98-9d90-f8f90b7aad02

set "key=V7Y44-9T38C-R2VJK-666HK-T7DDX" &:: Access
exit /b

:cee5d470-6e3b-4fcc-8c2b-d17428568a9f

set "key=H62QG-HXVKF-PP4HP-66KMR-CW9BM" &:: Excel
exit /b

:8947d0b8-c33b-43e1-8c56-9b674c052832

set "key=QYYW6-QP4CB-MBV6G-HYMCJ-4T3J4" &:: Groove (SharePoint Workspace)
exit /b

:ca6b6639-4ad6-40ae-a575-14dee07f6430

set "key=K96W8-67RPQ-62T9Y-J8FQJ-BT37T" &:: InfoPath
exit /b

:ab586f5c-5256-4632-962f-fefd8b49e6f4

set "key=Q4Y4M-RHWJM-PY37F-MTKWH-D3XHX" &:: OneNote
exit /b

:ecb7c192-73ab-4ded-acf4-2399b095d0cc

set "key=7YDC2-CWM8M-RRTJC-8MDVC-X3DWQ" &:: Outlook
exit /b

:45593b1d-dfb1-4e91-bbfb-2d5d0ce2227a

```
set "key=RC8FX-88JRY-3PF7C-X8P67-P4VTT" &:: Powerpoint  
exit /b
```

```
:b50c4f75-599b-43e8-8dcd-1081a7967241  
set "key=BFK7F-9MYHM-V68C7-DRQ66-83YTP" &:: Publisher  
exit /b
```

```
:2d0882e7-a4e7-423b-8ccc-70d91e0158b1  
set "key=HVHB3-C6FV7-KQX9W-YQG79-CRY7T" &:: Word  
exit /b
```

```
:ea509e87-07a1-4a45-9edc-eba5a39f36af  
set "key=D6QFG-VBYP2-XQHM7-J97RH-VVRCK" &:: Home and Business  
exit /b
```

```
:END  
if %Unattend% EQU 0 echo Press any key to exit.  
%_Pause%  
exit /b 0
```

Get AD Group Member List Script

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

Simple

```
$groups = (Get-ADGroup -Filter * | Select name -ExpandProperty name)

$table=@()
$record=@{
    "groupname" =""
    "username"=""
}

foreach ($g in $groups){
    $i = 0
    $members = (Get-ADGroupMember -Identity $g | select name,samaccountname)

    foreach ($m in $members){
        $record."groupname"=$g
        $record."UserName"=$m.samaccountname

        $objrec= New-Object psobject -Property $record
        $table += $objrec
        $i+=1
    }

    if($i -eq 0){
        $record."groupname"=$g
        $record."UserName"=""
        $objrec= New-Object psobject -Property $record
        $table += $objrec
    }
}
```

```

}

$dateinfile = (Get-Date).AddMonths(-1).ToString('yyyy-MM')
$domain = (Get-WmiObject -Namespace root\cimv2 -Class Win32_ComputerSystem | Select Domain).Domain
$table |Export-Csv "C:\temp\$dateinfile - $domain - Group Member List.csv" -NoTypeInfo

```

Detailed

```

Import-Module ActiveDirectory

$date=Get-Date -f yyyy-MM-dd
$domain=(Get-WmiObject win32_computersystem).Domain
$csvexport=$null
$csvlocation="C:\temp\$domain-GroupReview-$date.csv"
If ((Test-Path C:\temp) -eq $false){
    New-Item C:\temp -ItemType Directory
}
If ((Test-Path $csvlocation) -eq $true){
    Remove-Item $csvlocation
}

$toprint=@()
$record=@{
    "Name" = ""
    "GroupScope"=""
    "Description"=""
    "adminCount"=""
    "ManagedBy"=""
    "samaccountname"=""
    "membertype"=""
    "WhenCreated"=""
    "WhenChanged"=""
}

$groupaccounts=Get-ADGroup -filter * -Properties * | Select
"Name","GroupScope","Description","adminCount","ManagedBy","WhenCreated","WhenChanged"
foreach ($grp in $groupaccounts) {
    $isempty=$true
    if ($grp.adminCount -eq 1){
        $record."adminCount"="Yes"
    }
}

```

```

} else {
    $record."adminCount"=""
}
if ($grp.ManagedBy){
    $record."ManagedBy"=$grp.ManagedBy.Split(",")[0].replace("CN=", "")
} else {
    $record."ManagedBy"=""
}

$record."Name"=$grp.Name
$record."GroupScope"=$grp.GroupScope
$record."Description"=$grp.Description
$record."samaccountname"=""
$record."membertype"=""
$record."WhenCreated"=$grp.WhenCreated.ToString("dd-MMM-yyyy HH:mm:ss")
$record."WhenChanged"=$grp.WhenChanged.ToString("dd-MMM-yyyy HH:mm:ss")

try{
    $groupmembers = (Get-ADGroupMember -Identity $grp.Name | select name,samaccountname,objectClass)
    foreach ($m in $groupmembers){
        if($m.objectClass){
            $membertype=$m.objectClass
        }else{
            $membertype="builtin group"
        }
        $record."samaccountname"=$m.samaccountname+"<br>"+$record."samaccountname"
        $record."membertype"=$membertype+"<br>"+$record."membertype"

        $isempty=$false
    }

    if($isempty -eq $true){
        $record."ManagedBy"=$grp.ManagedBy
        $record."samaccountname"="-"
        $record."membertype"="-"
    }

    $objrec= New-Object psobject -Property $record
    $toprint += $objrec
}catch{ # For OWFT foreignSecurityPrincipal objects

```

```

$members = dsquery group -name $grp.Name | dsget group -members
$foreignAccount = [System.Collections.ArrayList]::new()
$nonForeignAccount = [System.Collections.ArrayList]::new()

foreach ($m in $members){
    if ($m.Contains("ForeignSecurityPrincipals")) {
        $foreignAccount.add($m.ToString().replace('"',''))
    }else{
        $nonForeignAccount.add($m.ToString().replace('"',''))
    }
}

$foreignObjects = Get-ADObject -Filter {ObjectClass -eq "foreignSecurityPrincipal"} -Properties msds-
principalname,memberof
foreach ($fObject in $foreignAccount){
    $faccountname = ($foreignObjects | Where-Object DistinguishedName -eq $fObject ).'msds-
principalname'

    $record."samaccountname"=$faccountname+"<br>"+$record."samaccountname"
    $record."membertype"='foreignSecurityPrincipal'+"<br>"+$record."membertype"
}

foreach ($obj in $nonForeignAccount){
    if($obj -ne ""){
        $fullname=$obj.Split(',')[0].replace('CN=', '')
        $userObj = Get-ADUser -Filter {name -like $fullname} | Select-Object SamAccountName,ObjectClass

        $record."samaccountname"=$userObj.SamAccountName+"<br>"+$record."samaccountname"
        $record."membertype"=$userObj.ObjectClass+"<br>"+$record."membertype"
    }
}

$objrec= New-Object psobject -Property $record
$toprint += $objrec
}

$sn=0
foreach($tt in $toprint){
    $sn=$sn+1
    $csvexport += @(

```

```
[pscustomobject]@{
```

```
"SN"=$sn
```

```
"Group Name" = $tt.Name
```

```
"Group Scope" = $tt.GroupScope
```

```
"Description" = $tt.Description
```

```
"Admin Rights" = $tt.adminCount
```

```
"Managed By" = $tt.ManagedBy
```

```
"Member Name" = $tt.samaccountname.Replace("<br>","`n").ToString()
```

```
"MemberType" = $tt.membertype.Replace("<br>","`n").ToString()
```

```
"Creation Date" = $tt.WhenCreated
```

```
"Modified Date" = $tt.WhenChanged
```

```
}
```

```
)
```

```
}
```

```
$csvexport | Export-csv -Path $csvlocation -NoTypeInfo
```


Reset Local Account Script

Change line 8 and 9.

```
# Check if the script is running as an administrator
if (-not
([Security.Principal.WindowsPrincipal][Security.Principal.WindowsIdentity]::GetCurrent()).IsInRole([Security.Principal.WindowsBuiltInRole]::Administrator)) {
    Write-Host "Please run this script as an administrator." -ForegroundColor Red
    exit
}

# Prompt for the username and password
$username = "test"
$password = "P@ssw0rdT3str3S3t"

# Define the output file path in C:\Temp
$outputFilePath = "C:\Temp\ResetPasswordLog.txt"

# Reset the local account password
try {
    $user = [ADSI]"WinNT://./$username,user"
    $user.SetPassword($password)
    $user.SetInfo()
    $output = "Password for $username has been reset."
    Write-Host $output -ForegroundColor Green
    $output | Out-File -FilePath $outputFilePath -Append
} catch {
    $output = "Error resetting password for $username : $_"
    Write-Host $output -ForegroundColor Red
    $output | Out-File -FilePath $outputFilePath -Append
}

# Output the file path where the log was saved
Write-Host "Log file saved at: $outputFilePath"
```


Offline WSUS Scan Script

Step 1 - Download Wsusscan2.cab file

[Download Wsusscn2.cab](#) from [official MS website](#) and save it in C:\temp\wsusscn2.cab.

Step 2 - Run offline script

Save this as offlinescan.vbs file and run "cscript offlinescan.vbs" as admin.

```
Set UpdateSession = CreateObject("Microsoft.Update.Session")
Set UpdateServiceManager = CreateObject("Microsoft.Update.ServiceManager")
Set UpdateService = UpdateServiceManager.AddScanPackageService("Offline Sync Service",
"c:\Temp\wsusscn2.cab")
Set UpdateSearcher = UpdateSession.CreateUpdateSearcher()

WScript.Echo "Searching for updates..." & vbCRLF

UpdateSearcher.ServerSelection = 3 ' ssOthers

UpdateSearcher.ServiceID = UpdateService.ServiceID

Set SearchResult = UpdateSearcher.Search("IsInstalled=0")

Set Updates = SearchResult.Updates

If searchResult.Updates.Count = 0 Then
    WScript.Echo "There are no applicable updates."
    WScript.Quit
End If

WScript.Echo "List of applicable items on the machine when using wssuscan.cab:" & vbCRLF

For I = 0 to searchResult.Updates.Count-1
    Set update = searchResult.Updates.Item(I)
    WScript.Echo I + 1 & "> " & update.Title
```

Next

WScript.Quit