

```
'Script revision date: 2/12/2015
' - updated to add "Trim" commands to UUID and SerialNumber strings to ensure no
extra spaces are included in the concatenated string.
' - updated to add error handling to allow script to continue in the event of a
failure of WMI to provide data
' - updated to change Windows version cutoff from 5.1 to 5.2 to account for XP x64
and Server 2003

On Error Resume Next

Dim asc, enc, bytes, instr, outstr, pos

strComputer = "."
Set objWMIService = GetObject("winmgmts:\\." & strComputer & "\root\CIMV2")
Set colItems = objWMIService.ExecQuery( _
    "SELECT * FROM Win32_ComputerSystemProduct",,48)
For Each objItem in colItems
    Wscript.Echo "SMBIOS UUID: " & objItem.UUID
    UUID = objItem.UUID
Next

Set colItems = objWMIService.ExecQuery( _
    "SELECT * FROM Win32_OperatingSystem",,48)
For Each objItem in colItems
    Ver = Left(objItem.Version,3)
Next

If Ver <= 5.2 then
    Set colItems = objWMIService.ExecQuery( _
        "SELECT * FROM Win32_PhysicalMedia where Tag='\\\\.\\PHYSICALDRIVE0'",,
48)
    For Each objItem in colItems
        Wscript.Echo "HD 0 SerialNumber: " & objItem.SerialNumber
        Serial = objItem.SerialNumber
    Next
Else
    Set colItems = objWMIService.ExecQuery( _
        "SELECT * FROM Win32_DiskDrive where DeviceID='\\\\.\\PHYSICALDRIVE0'",
,,48)
    For Each objItem in colItems
        Wscript.Echo "HD 0 SerialNumber: " & objItem.SerialNumber
        Serial = objItem.SerialNumber
    Next
End If

Wscript.Echo "Concatenated components with no separators: " & Trim(UUID) & Trim(
Serial)
instr = Trim(UUID) & Trim(Serial)

Wscript.Echo "OS Version: " & Ver

If Ver > 5.1 then
```

```
'Borrow some objects from .NET (supported from 1.1 onwards)
Set asc = CreateObject("System.Text.UTF8Encoding")
Set enc = CreateObject("System.Security.Cryptography.SHA1CryptoServiceProvider")

'Convert the string to a byte array and hash it
bytes = asc.GetBytes_4(instr)
bytes = enc.ComputeHash_2((bytes))

'Convert the byte array to a hex string
For pos = 1 To Lenb(bytes)
    outstr = outstr & LCase(Right("0" & Hex(AscB(Midb(bytes, pos, 1))), 2))
Next

WScript.Echo "SHA1 of concatenated components (i.e. Your DeviceID is): " &
outstr

Else

    WScript.Echo "Sorry, only OS versions newer than XP support the generation of
a SHA1 (DeviceID) by this tool. You will have to perform your own SHA1 of the
provided concatenated string:" & instr

End If
```