

# Python + pywbem Installation on Windows

## Required for using check\_esxi\_hardware.py

1. Download Python 2.5 for Windows:  
<http://www.python.org/ftp/python/2.5/python-2.5.msi>
2. Execute the Installer and install Python to C:\Python32
3. Download pywin32 project (add-ons for Windows) from SourceForge.  
Important: Select the correct version (here for python 2.5):  
<http://sourceforge.net/projects/pywin32/files/pywin32/Build216/pywin32-216.win32-py2.5.exe/download>
4. Install the downloaded exe. The exe should find the Python path (C:\Python32) itself. If asked, set it manually.
5. Download the python extension "pywbem" from SourceForge:  
<http://sourceforge.net/projects/pywbem/files/pywbem/pywbem-0.7/pywbem-0.7.0.tar.gz/download>  
Then unzip the tar.gz file (use WinRAR if your Windows can't open that filetype).
6. Open the folder which you unzipped in the previous step in Windows Explorer. Right-click on the file cim\_http.py and open it with WordPad (or another editor, but not Notepad!). Search for the line "import sys, string, re, os, socket, pwd" and remove the pwd from the list:  
`import sys, string, re, os, socket`  
More information here: <http://www.peppercrew.nl/index.php/2011/04/installing-python-and-pywbem/>
7. Open a cmd command box and change to the directory where you have unzipped the pywbem extension. Then launch the following commands:  
`setup.py build`  
`setup.py install`  
If no error appears, the extension was successfully installed.
8. In the cmd command box (or in a new box), change to the directory where you have downloaded check\_esxi\_hardware.py. Launch the script with the following command:  
`check_esxi_hardware.py -H esxhost -U root -P mypasswd -V hp`  
Where exhost is the IP or host name of your ESX server, mypasswd the root password of the ESX server and with the -V parameter the hardware type is defined (here HP).  
Use the following command for help:  
`check_esxi_hardware.py --help`