

SSH Access Python Script:

this script let you access and configure multiple switches with one click

first you need to install python to run the script

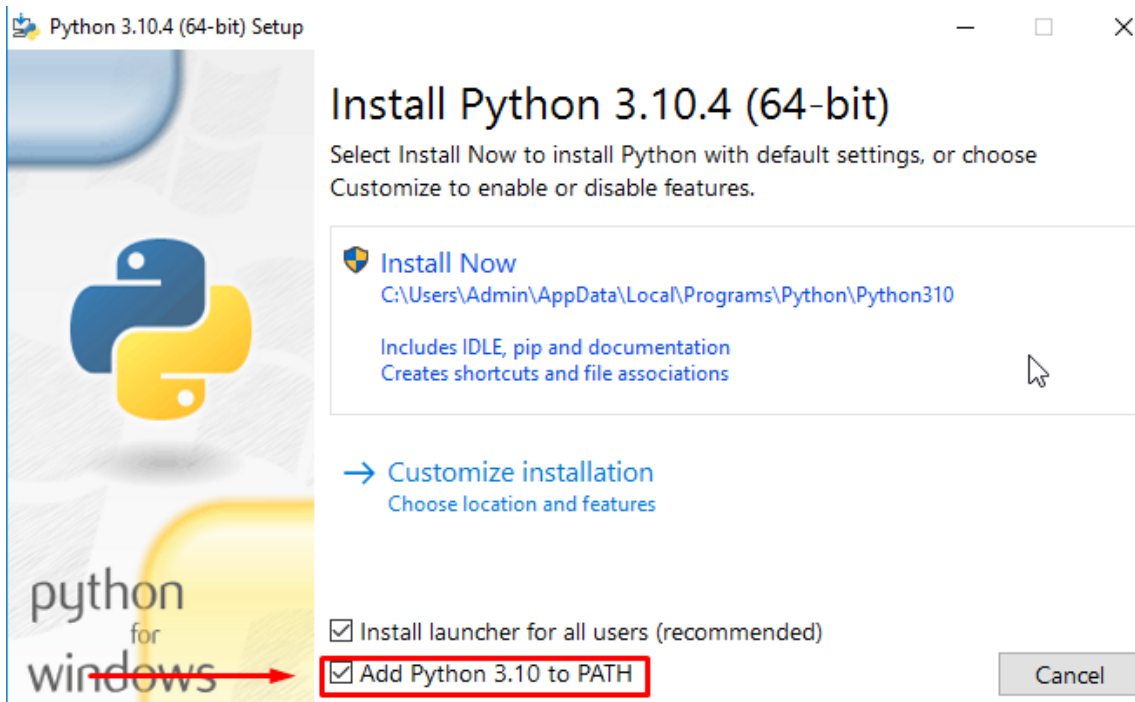
Go to <https://www.python.org/downloads>

download python



Install python and Check the “Add python 3.10 to PATH” Box

Make sure to check this box or **the script will not work!**



After installing python, open “commands.txt” file and write your commands that need to be configured on the devices, keep in mind that every SPACE and ENTER Count!

After writing your commands save the file and close it.

```
*commands.txt - Notepad
File Edit Format View Help
enable
confi ter
User admin password 123123|
end
write memory
```

double click on the script “SshAccess.py”

Name	Date modified	Type	Size
commands.txt	4/11/2022 1:27 AM	Text Document	2 KB
How To Use SshAccess.rtf	4/11/2022 2:22 AM	تنسيق نص منسق	1 KB
key	4/9/2022 3:57 AM	File	1 KB
key.pub	4/8/2022 7:43 PM	Microsoft Publish...	1 KB
requirments.txt	4/9/2022 3:56 AM	Text Document	1 KB
SshAccess.py	4/11/2022 1:31 AM	Python File	5 KB

If you are running the script for the first time it will download some requirements, just let it run for a bit and it will close automatically

```
C:\Windows\py.exe
*****
* You Need To install Some Requirments *
*****
Collecting paramiko
  Downloading paramiko-2.10.3-py2.py3-none-any.whl (211 kB)
----- 211.9/211.9 KB 1.2 MB/s eta 0:00:00
Collecting pynacl>=1.0.1
  Downloading PyNaCl-1.5.0-cp36-abi3-win_amd64.whl (212 kB)
----- 212.1/212.1 KB 13.5 MB/s eta 0:00:00
Collecting six
  Downloading six-1.16.0-py2.py3-none-any.whl (11 kB)
Collecting cryptography>=2.5
  Downloading cryptography-36.0.2-cp36-abi3-win_amd64.whl (2.2 MB)
----- 2.2/2.2 MB 12.5 MB/s eta 0:00:00
Collecting bcrypt>=3.1.3
  Downloading bcrypt-3.2.0-cp36-abi3-win_amd64.whl (28 kB)
Collecting cffi>=1.1
  Downloading cffi-1.15.0-cp310-cp310-win_amd64.whl (180 kB)
----- 180.3/180.3 KB 11.3 MB/s eta 0:00:00
Collecting pycparser
  Downloading pycparser-2.21-py2.py3-none-any.whl (118 kB)
----- 118.7/118.7 KB 6.8 MB/s eta 0:00:00
Installing collected packages: six, pycparser, cffi, pynacl, cryptography, bcrypt, paramiko
```

Reopen the script and write your ip range, you can also add IPs individually

```
C:\Windows\py.exe
Add Your first IP in the range: 192.168.100.144
Add your last IP: 192.168.100.200
Do you want to add unique IPs out of the range? (y/n): y
Enter the IPs separated by space: 192.168.100.1 192.168.100.22 10.25.1.1
```

Next, add your username and password for all the devices (the password and username should be the same for all switches)

And press enter

```
Enter Username: b
Enter Password: b

*****
Connect To 192.168.100.144
*****

=====
configuring: confi ter

configuring: User admin password 123123

configuring: end

configuring: write memory

=====
--- Your Configuration Is Done, Press Enter to close the Terminal ^,^ ---
```

You can see the commands that configured, and the switch that is connected currently.