

Instalación netmiko

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File Edit View Search Terminal Help
[duki69@duki69] - [~] - [362]
[duki69$] pip install netmiko
[8:46:30]
Defaulting to user installation because normal site-packages is not writeable
Requirement already satisfied: netmiko in ./local/lib/python3.10/site-packages (4.2.0)
Requirement already satisfied: textfsm>=1.1.3 in ./local/lib/python3.10/site-packages (from netmiko) (1.1.3)
Requirement already satisfied: ntc-templates>=2.0.0 in ./local/lib/python3.10/site-packages (from netmiko) (4.0.0)
Requirement already satisfied: pyyaml>=5.3 in /usr/lib/python3/dist-packages (from netmiko) (5.4.1)
Requirement already satisfied: pyserial>=3.3 in ./local/lib/python3.10/site-packages (from netmiko) (3.5)
Requirement already satisfied: scp>=0.13.6 in ./local/lib/python3.10/site-packages (from netmiko) (0.14.5)
Requirement already satisfied: paramiko>=2.9.5 in ./local/lib/python3.10/site-packages (from netmiko) (3.3.1)
Requirement already satisfied: bcrypt>=3.2 in ./local/lib/python3.10/site-packages (from paramiko>=2.9.5->netmiko) (4.0.1)
Requirement already satisfied: pynacl>=1.5 in /usr/lib/python3/dist-packages (from paramiko>=2.9.5->netmiko) (1.5.0)
Requirement already satisfied: cryptography>=3.3 in /usr/lib/python3/dist-packages (from paramiko>=2.9.5->netmiko) (3.4.8)
Requirement already satisfied: future in ./local/lib/python3.10/site-packages (from textfsm>=1.1.3->netmiko) (0.18.3)
Requirement already satisfied: six in /usr/lib/python3/dist-packages (from textfsm>=1.1.3->netmiko) (1.16.0)
Requirement already satisfied: cffi>=1.4.1 in ./local/lib/python3.10/site-packages (from pynacl>=1.5->paramiko>=2.9.5->netmiko) (1.16.0)
Requirement already satisfied: pycparser in ./local/lib/python3.10/site-packages (from cffi>=1.4.1->pynacl>=1.5->paramiko>=2.9.5->netmiko) (2.21)
[duki69$]
[8:52:22]
```

Show ip brief

```
File Edit Selection View Go Run Terminal Help
lab2.2_ricardo.py
home > dukie9 > Desktop > unidad3 > lab2.2_ricardo.py > ...
1 from netmiko import ConnectHandler
2
3 sshCli = ConnectHandler(
4     device_type = 'cisco_ios',
5     host = '10.10.20.48',
6     port = 22,
7     username = 'developer',
8     password = 'Cisco12345'
9 )
10
11 output = sshCli.send_command('show ip int brief')
12 print("show ip int brief: :\n",output)
13
14 output = sshCli.send_command('show ip int brief')
15
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
Loopback10 unassigned YES unset up up
Loopback109 10.255.255.9 YES NVRAM up up
VirtualPortGroup0 192.168.1.1 YES NVRAM up up
Interfaces despues de realizar los cambios de direccion a la loopback 1
Interface IP-Address OK? Method Status Protocol
GigabitEthernet1 10.10.20.48 YES NVRAM up up
GigabitEthernet2 unassigned YES NVRAM administratively down down
GigabitEthernet3 unassigned YES NVRAM administratively down down
Loopback0 10.0.0.1 YES NVRAM up up
Loopback1 2.2.2.2 YES manual up up
Loopback10 unassigned YES unset up up
Loopback109 10.255.255.9 YES NVRAM up up
VirtualPortGroup0 192.168.1.1 YES NVRAM up up
[dukie9@dukie9] - [-] - [364]
[$]
```

Ln 13, Col 1 Spaces: 4 UTF-8 LF Python 3.10.12 64-bit [8:50:23]

Preguntas:

¿La nueva interfaz loopback2 se creó con éxito?

Verificamos la salida después de ejecutar el script. Si la interfaz loopback2 se creó con éxito, debería verse en la salida del comando "show ip int brief".

¿El cambio de configuración fue aceptado, aceptado parcialmente o rechazado?

La respuesta dependerá de la configuración específica y del éxito de la ejecución del comando. Si la configuración fue aceptada correctamente, deberías ver la nueva interfaz loopback2 en la salida del comando "show ip int brief". Si hubo un problema, la salida proporcionará información sobre cualquier error o advertencia.