

## Configuracion ya realiada

```
FW/Firewall
192.168.126.128/legacy/Creder.unl/topology

Firewall0
name: port10 mode: static ip: 0.0.0.0 0.0.0.0 status: up netbios-forward: disable type: physical ring-rx: 0 ring-tx: 0 netflow-sampler: disable sflow-sampler: disable
src-check: enable explicit-web-proxy: disable explicit-ftp-proxy: disable proxy-captive-portal: disable mtu-override: disable wccp: disable drop-overlapped-fragment: disable
drop-fragment: disable
name: port11 mode: static ip: 0.0.0.0 0.0.0.0 status: up netbios-forward: disable type: physical ring-rx: 0 ring-tx: 0 netflow-sampler: disable sflow-sampler: disable
src-check: enable explicit-web-proxy: disable explicit-ftp-proxy: disable proxy-captive-portal: disable mtu-override: disable wccp: disable drop-overlapped-fragment: disable
drop-fragment: disable
name: port12 mode: static ip: 0.0.0.0 0.0.0.0 status: up netbios-forward: disable type: physical ring-rx: 0 ring-tx: 0 netflow-sampler: disable sflow-sampler: disable
src-check: enable explicit-web-proxy: disable explicit-ftp-proxy: disable proxy-captive-portal: disable mtu-override: disable wccp: disable drop-overlapped-fragment: disable
drop-fragment: disable
name: port13 mode: static ip: 0.0.0.0 0.0.0.0 status: up netbios-forward: disable type: physical ring-rx: 0 ring-tx: 0 netflow-sampler: disable sflow-sampler: disable
src-check: enable explicit-web-proxy: disable explicit-ftp-proxy: disable proxy-captive-portal: disable mtu-override: disable wccp: disable drop-overlapped-fragment: disable
drop-fragment: disable

FortiGate-VN64-KVM (Interface) # Timeout

FortiGate-VN64-KVM login:
FortiGate-VN64-KVM login:
FortiGate-VN64-KVM login:
FortiGate-VN64-KVM login:
FortiGate-VN64-KVM login: config t
Password:
Login incorrect

FortiGate-VN64-KVM login: admin
Password:
Welcome!

FortiGate-VN64-KVM # config system interface

FortiGate-VN64-KVM (Interface) # get
name: port1 mode: dhcp ip: 192.168.126.153 255.255.255.0 status: up netbios-forward: disable type: physical ring-rx: 0 ring-tx: 0 netflow-sampler: disable sflow-sampler:
disable src-check: enable explicit-web-proxy: disable explicit-ftp-proxy: disable proxy-captive-portal: disable mtu-override: disable wccp: disable drop-overlapped-frag
ment: disable drop-fragment: disable
name: port2 mode: static ip: 192.168.1.1 255.255.255.0 status: up netbios-forward: disable type: physical ring-rx: 0 ring-tx: 0 netflow-sampler: disable sflow-sampler: 0
disable src-check: enable explicit-web-proxy: disable explicit-ftp-proxy: disable proxy-captive-portal: disable mtu-override: disable wccp: disable drop-overlapped-fragme
nt: disable drop-fragment: disable
name: port3 mode: static ip: 0.0.0.0 0.0.0.0 status: up netbios-forward: disable type: physical ring-rx: 0 ring-tx: 0 netflow-sampler: disable sflow-sampler: disabl
e src-check: enable explicit-web-proxy: disable explicit-ftp-proxy: disable proxy-captive-portal: disable mtu-override: disable wccp: disable drop-overlapped-fragmen
t: disable drop-fragment: disable
name: port4 mode: static ip: 0.0.0.0 0.0.0.0 status: up netbios-forward: disable type: physical ring-rx: 0 ring-tx: 0 netflow-sampler: disable sflow-sampler: disabl
e src-check: enable explicit-web-proxy: disable explicit-ftp-proxy: disable proxy-captive-portal: disable mtu-override: disable wccp: disable drop-overlapped-fragmen
t: disable drop-fragment: disable
c-More-->
```

```
File Edit Selection View Go Run Terminal Help
C:\Users\Raban> OneDrive - AFP Creder > Documents > Firewall Fortinet.py ...
1 from netatiko import ConnectHandler
2
3 # Define los parametros del dispositivo
4
5 fortinet_device = {}
6
7 'device-type': 'fortinet',
8 'host': '192.168.126.153', # Reemplazar con la IP de su dispositivo
9 'username': 'admin', # Reemplazar con el usuario de su dispositivo
10 'password': 'admin', # Reemplazar con la clave de su dispositivo
11
12 try:
13     # Establecer la conexion
14     connection = ConnectHandler(**fortinet_device)
15
16     # Enviar un comando
17     output = connection.send_command('get system status')
18     print("System Status:\n", output)
19
20     # Enviar comandos de configuracion
21     config_commands = [
22         'config system interface',
23         'edit port2',
24         'set ip 192.168.1.1/24',
25         'set allowaccess ping http ssh http',
26         'next',
27         'end'
28     ]
29
30     output = connection.send_config_set(config_commands)
31     print("Configuracion Saliente:\n", output)
32
33 except Exception as e:
34     print(f"An error occurred: {e}")
35 finally:
36     connection.disconnect()

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
FortiGate-VN64-KVM (port2) # set allowaccess ping http ssh http
FortiGate-VN64-KVM (port2) # next
FortiGate-VN64-KVM (Interface) # end
FortiGate-VN64-KVM #
PS C:\Users\Rfabian>
```

```

from netmiko import ConnectHandler

# Define los parametros del dispositivo

fortinet_device = {
    'device_type': 'fortinet',
    'host': '192.168.126.153', # Reemplazar con la IP de su dispositivo
    'username': 'admin', # Reemplazar con el usuario de su dispositivo
    'password': 'admin', # Reemplazar con la clave de su dispositivo
}

try:
    # Establecer la coneccion
    connection = ConnectHandler(**fortinet_device)

    # Enviar un Comando
    output = connection.send_command('get system status')
    print("System Status:\n", output)

    # Enviar comandos de configuracion
    config_commands = [
        'config system interface',
        'edit port2',
        'set ip 192.168.1.1/24',
        'set allowaccess ping http ssh http',
        'next',
        'end'
    ]

    output = connection.send_config_set(config_commands)
    print("Configuracion Saliente:\n", output)

except Exception as e:
    print (f"An error occurred: {e}")
finally:
    connection.disconnect()

```