Automated monitoring script

NetworkAutomation-2

GNU nano 4.8 monitoring.py Modified

```
from netmiko import ConnectHandler
import logging
import time
import os

logging.basicConfig(filename='test.log', level=logging.DEBUG)
logger = logging.getLogger("netmiko")

from datetime import datetime
timestr = datetime.now().strftime("%Y%m%d-%H%M%S")
file = f"Monitoring-check-at-{timestr}.txt"
file_path = f"/root/{file}"

with open('dev_monitoring') as f:
    conf = f.read().splitlines()

outputs = []

from all_dev_info import all_dev
for devices in all_dev:
    net_connect = ConnectHandler(**devices)
    net_connect.enable()
    device_name = net_connect.find_prompt().replace('#', '')
    device_ip = devices['ip']

    output = net_connect.send_config_set(conf)

    outputs.append((device_name, device_ip, output))

with open(file_path, "w") as f:
    for output in outputs:
        f.write(f"Output from {output[0]} ({output[1]}):\n")
        f.write('-' * 108 + '\n')
        f.write(output[2])
        f.write('\n\n\n\n\n\n\n\n\n' + '-' * 108 + '\n')

time.sleep(5)

import pexpect

# Specify the password for the remote host
password = '9090'

# Build the SCP command
scp_command = f'scp -p {file_path} tftp-srv@192.168.10.10:/home/monitoring/'

# Run the SCP command in a pexpect shell
child = pexpect.spawn(scp_command)

# Wait for the password prompt and enter the password
child.expect('password:')
child.sendline(password)

# Wait for the SCP command to complete
child.expect(pexpect.EOF, timeout=60)


os.remove(file_path)
```