**New VLANs.txt**

from netmiko import ConnectHandler

# Device connection details

device = {

'device\_type': 'cisco\_ios',

'host': '10.10.1.1',

'username': 'admin',

'password': 'password',

'secret': 'enable\_password'

}

# New VLAN details

new\_vlan\_id = 30

new\_vlan\_name = "VLAN30"

try:

# Establish connection to the device

connection = ConnectHandler(\*\*device)

connection.enable() # Enter enable mode

# Send configuration command to add new VLAN

connection.send\_config\_set([f'vlan {new\_vlan\_id}', f'name {new\_vlan\_name}'])

print(f"VLAN {new\_vlan\_id} added and named {new\_vlan\_name}.")

# Disconnect from the device

connection.disconnect()

except Exception as e:

# Print any errors that occur

print(f"Error: {e}")