

main

...

CVE-vulns / tenda\_ac6 / formSetDeviceName / formSetDeviceName.md

Haizhen Qi(祁海珍) add

History

0 contributors

47 lines (31 sloc) | 28.5 KB

# Tenda AC6V1.0 V15.03.05.19 was discovered to contain a buffer overflow via the devName parameter in the formSetDeviceName function.

## Description

Tenda Router AC6V1.0 V15.03.05.19 was discovered to contain a buffer overflow in the httpd module when handling /goform/SetOnlineDevName request.

## Firmware information

- Manufacturer's address: <https://www.tenda.com.cn/>
- Firmware download address : <https://www.tenda.com.cn/download/detail-2681.html>

## Affected version

AC6V1.0升级软件 **V15.03.05.19**

立即下载

关联产品: AC6v1.0 更新日期: 2017/5/27

- 此固件只适用于AC6V1.0的机器升级，不同型号不同硬件版本不能使用该软件，升级前请通过路由器底部贴纸确认产品型号和版本（如下图所示）；
- 修复部分bug；
- 增强设备安全；
- 升级方法：使用tendawifi.com登录到路由器管理界面，打开系统管理--软件升级--点击本地升级，浏览到下载解压后的“.bin”的文件，点击确定即可升级；
- 升级过程中切勿切断电源，否则会导致路由器损坏而无法使用！软件升级完成后需要将路由器恢复出厂设置并重新设置上网！



AC6V1.0:电源输入是12V-1A



AC6V2.0:电源输入是9V-1A

\* 如果链接错误或其他问题，请反馈到 [tenda@tenda.com.cn](mailto:tenda@tenda.com.cn)或联系在线客服，谢谢。

## Vulnerability details

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

```

3  memset(v7, 0, sizeof(v7));
4  if ( a1 && a2 )
5  {
6      lower_mac(a2, v9);
7      if ( tpi_set_mac_info(v9, a1) )
8      {
9          memset(v6, 0, sizeof(v6));
10         if ( GetValue("cgi_debug", v6) && !strcmp("on", (const char *)v6) )
11         {
12             s[130] = 2;
13             printf("%s[%s:%s:%d] %s", off_FCFEC[0], "cgi", "set_device_name", 1515, off_FCFE8[0]);
14             printf("device name setted failed! [ %s : %s ]\n\x1B[0m", a1, a2);
15         }
16         return 1;
17     }
18     else
19     {
20         memset(v7, 0, sizeof(v7));
21         if ( GetValue("cgi_debug", v7) && !strcmp("on", (const char *)v7) )
22         {
23             s[131] = 1;
24             printf("%s[%s:%s:%d] %s", off_FCFEC[0], "cgi", "set_device_name", 1505, off_FCFE4[0]);
25             printf("set device name %s == %s\n\x1B[0m", v9, a1);
26         }
27         sprintf(s, "client.device name %s", v9);
28         sprintf(v10, "%s1", a1);
29         SetValue(s, v10);
30         return 0;
31     }
32 }
33 else
34 {

```

000B8004 sub\_C2FD4:10 (C3004) (Synchronized with IDA View-A, Hex View-1)

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