

Wooi Ping Cheah

From: Bin ZHANG (20412961)
Sent: Thursday, March 6, 2025 5:06 AM
To: Wooi Ping Cheah
Subject: 回复: For Computer Security Lab 2's Configuration Issue

Hi Dear Dr. Cheah,

After my testing, Part 2 can run perfectly as expected.

Thanks 😊!

Best regards,
Bin Zhang

发件人: Bin ZHANG (20412961) <scybz2@nottingham.edu.cn>

发送时间: 2025年3月5日 6:21

收件人: Wooi Ping Cheah <Wooi-Ping.Cheah@nottingham.edu.cn>

主题: 回复: For Computer Security Lab 2's Configuration Issue

Hi Dear Dr. Cheah,

1. For your Question 1:

I just connected to the WIFI network in UNNC dormitory (named UNNC-Living), and no VPN needed.

2. For your Question 2:

This error message will cause the inability to download "libpam-cracklib" successfully, this will affect all subsequent tasks, as if it cannot be downloaded properly, the "common-password" file will not be able to be changed to the required content.

But I found a solution for this strange downloading issue:

1. Firstly, run as root in the terminal:

```
apt remove firefox-esr
```

```
apt autoremove
```

2. Secondly, there may be an issue (also may not for some student) with "/var/cache/racklib/racklib-disct: error reading header", so we need to run as root for:

```
sudo apt install --reinstall libpam-cracklib cracklib-runtime  
sudo create-cracklib-dict /usr/share/dict/word
```

Then all the tasks in the Part 1 can run smoothly now.

For Part 2, I will try tonight or tomorrow.

Note: The only issue is that could you please check and confirm whether the deletion of "firefox-esr" will affect the normal progress of the coming Lab and Coursework in our course.

Thanks 😊!

Best regards,

Bin Zhang

发件人: Wooi Ping Cheah <Wooi-Ping.Cheah@nottingham.edu.cn>

发送时间: 2025年3月3日 14:33

收件人: Bin ZHANG (20412961) <scybz2@nottingham.edu.cn>

主题: RE: For Computer Security Lab 2's Configuration Issue

Hi Bin,

Thank you for your assistance with this matter.

Could you kindly confirm the following details regarding the installation tasks?

1. Did you connect to Eduroam (or any other network) while performing the installation?
2. Despite encountering the error message:
"*The following packages have unmet dependencies: libc6 : Breaks: firefox-esr (< 91~) but 68.10.0esr-1 is to be installed,*" were you able to complete all subsequent tasks without any issues? In other words, did the error message affect the progress or outcome of the lab work?

Additionally, I've attached Part 2 of the lab work for your reference.

Thank you for your time and support.

Best regards,
Wooi Ping Cheah

From: Bin ZHANG (20412961) <scybz2@nottingham.edu.cn>

Sent: Monday, March 3, 2025 4:18 AM

To: Wooi Ping Cheah <Wooi-Ping.Cheah@nottingham.edu.cn>

Subject: For Computer Security Lab 2's Configuration Issue

Hi Dear Dr. Cheah,

I have tried all the contents of Lab 2 and found an install issues when I am working for this Lab based on PPT 36-50.

1. [Issue of install "libpam-cracklib"](#) -- I can successfully obtain the public key and perform the update operation, but when I tried to run "apt get install libpam cracklib", I received an error notification (see the second screenshot), this seems to be due to a version issue with 'firefox-esr'.

Error message is:

The following packages have unmet dependencies:

libc6 : Breaks: firefox-esr (< 91~) but 68.10.0esr-1 is to be installed

- 2.
3. [Issue of update "firefox-esr"](#) -- When I tried to solve the previous problem by upgrading "firefox-esr", I received an error message again (see the third screenshot).

I didn't find any other issues, everything else went smoothly.

Note: When adding the user "uri" to the "sudo" group (also for the password's "minlen" modification), a virtual machine restart is required to take effect.

Thanks 😊!

Best regards,
Bin Zhang