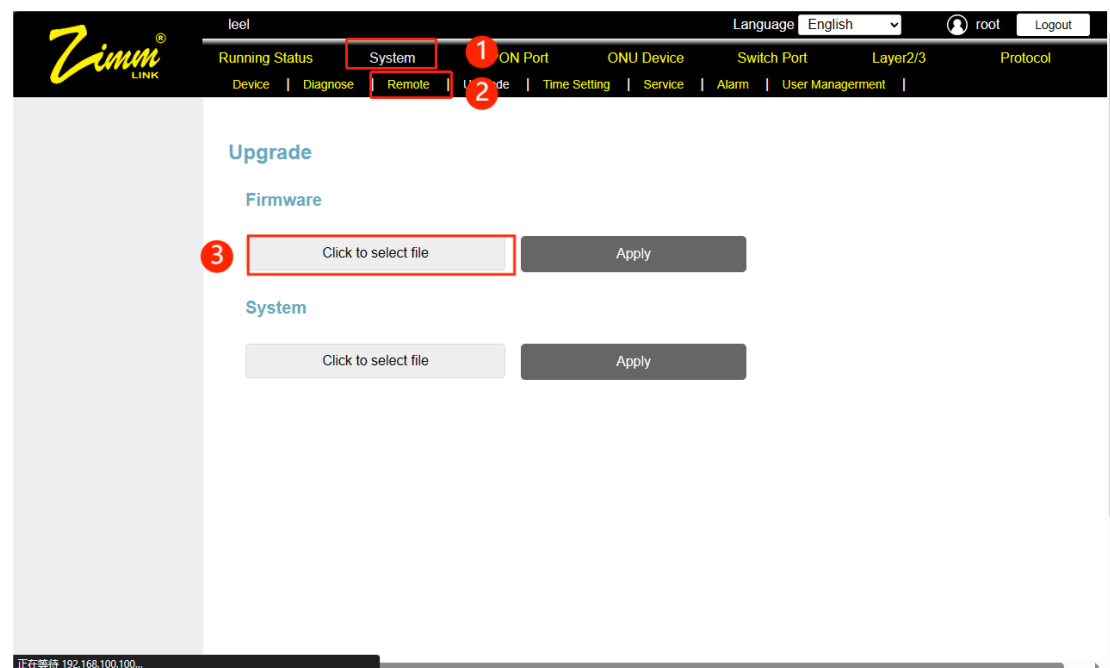


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Web mode upgrade

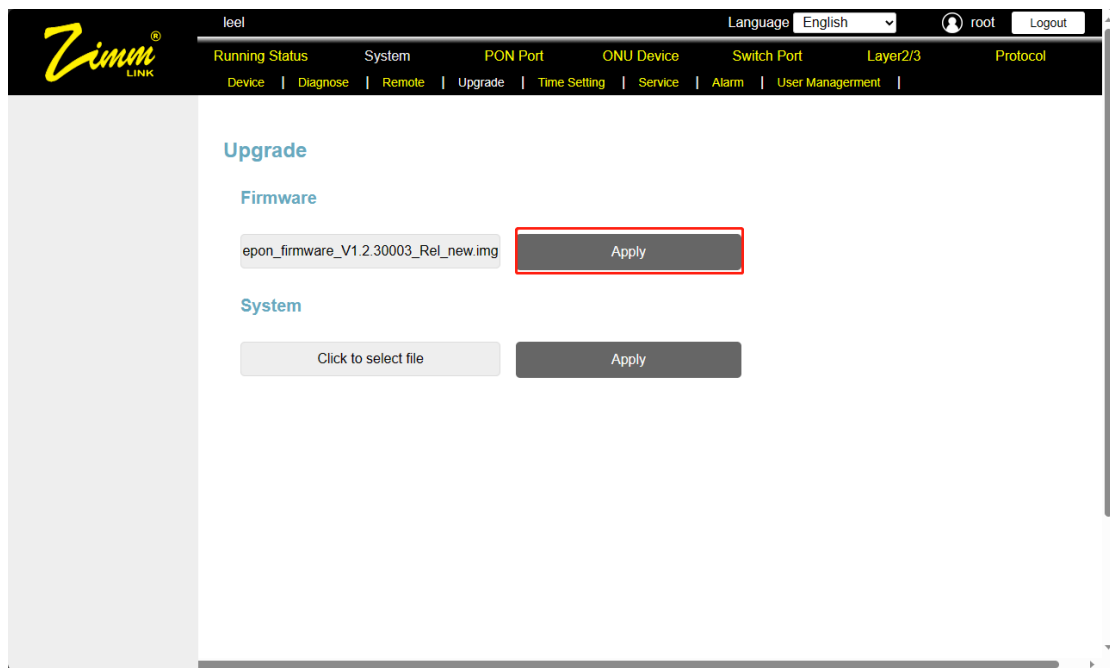
首先将网卡配置为 192.168.100.100



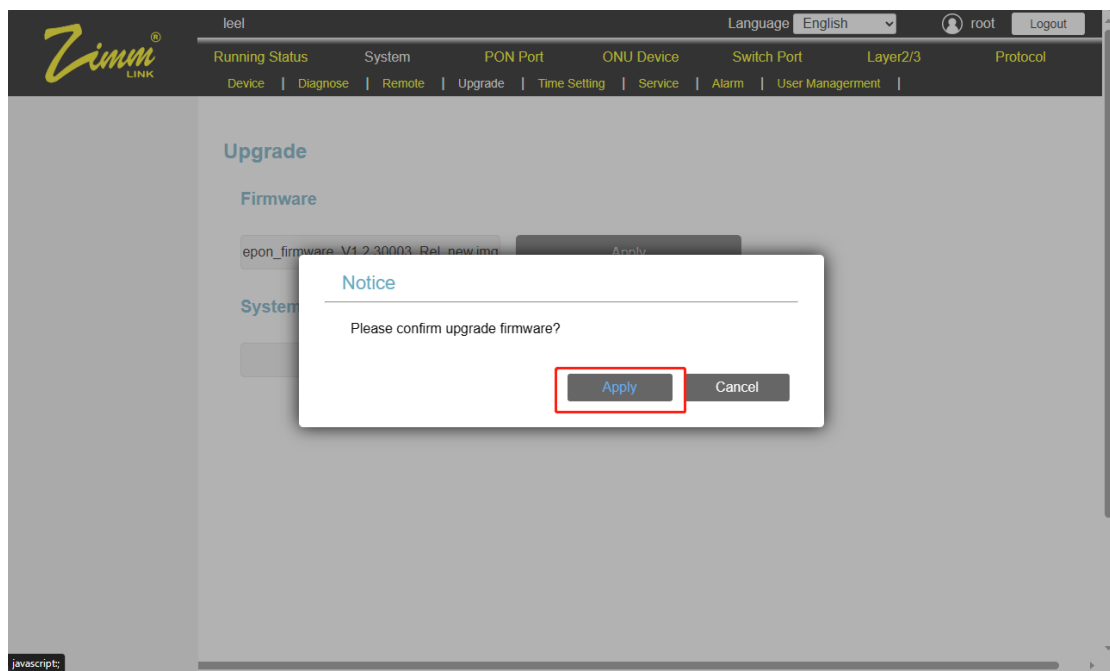
进入网页依次点击上图中的三个按键，当点击了第三个按键后会弹出一个会话框。

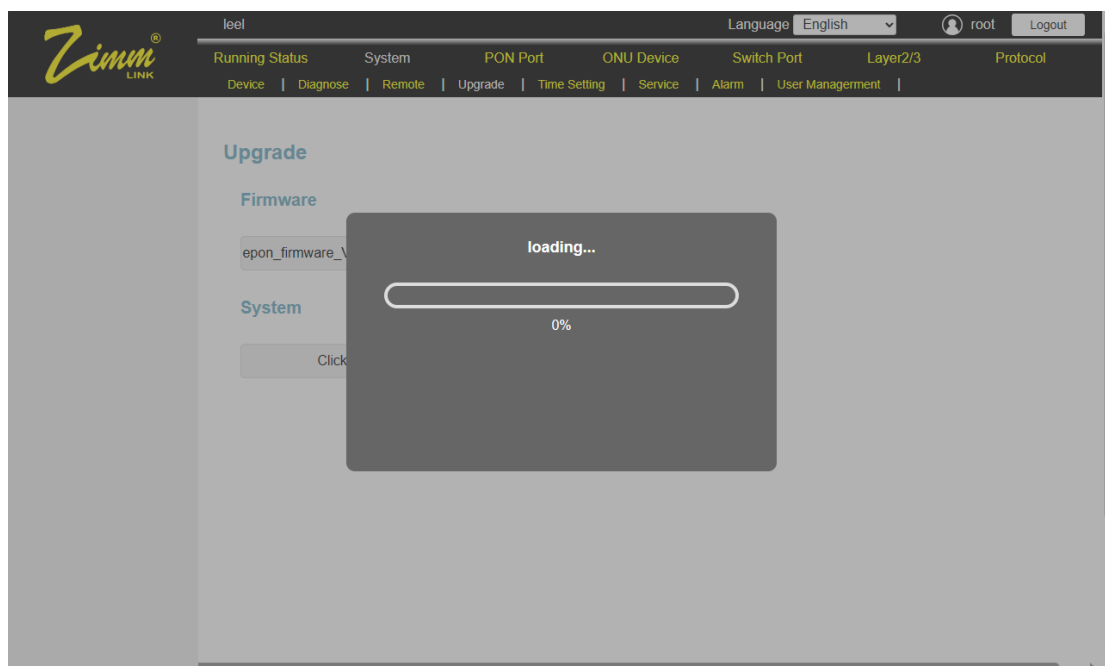


选择需要升级的固件后点击打开，会在 web 页面上看到选择待升级的固件名称。

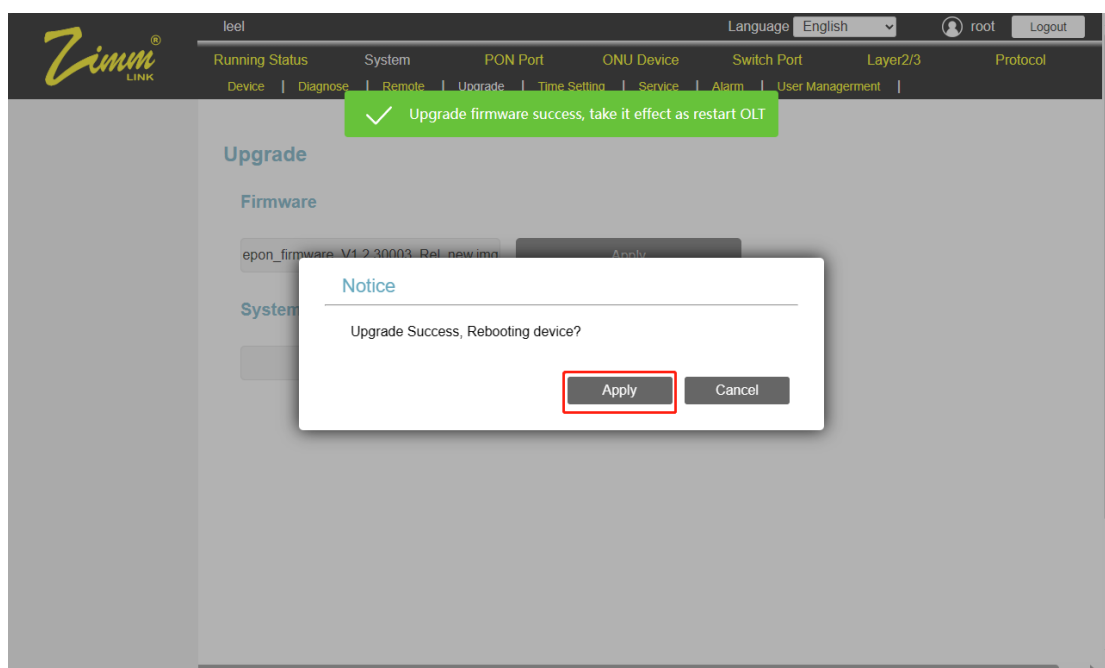


点击同意，会弹出一个提示框，继续点击同意





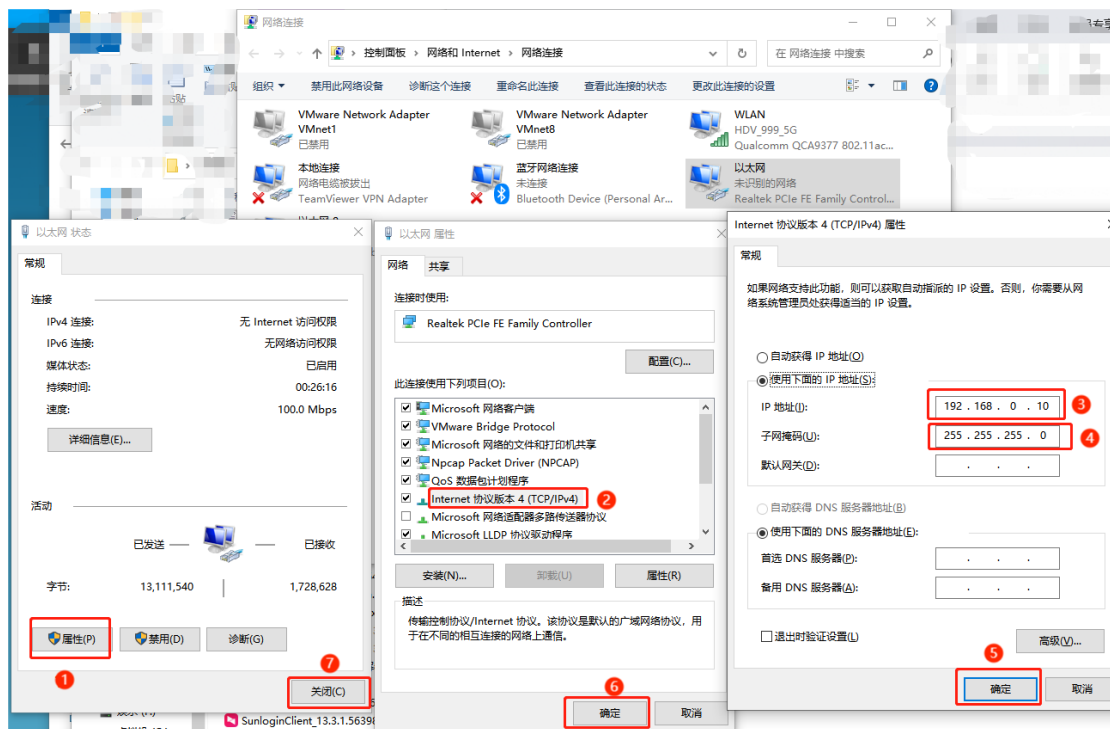
当进度条加载到 100%后会弹出需要重启的提示框和固件加载成功的提示后，继续点击同意等 web 界面回到登录界面时，升级完毕。（如果使用过需要回复出厂设置）。



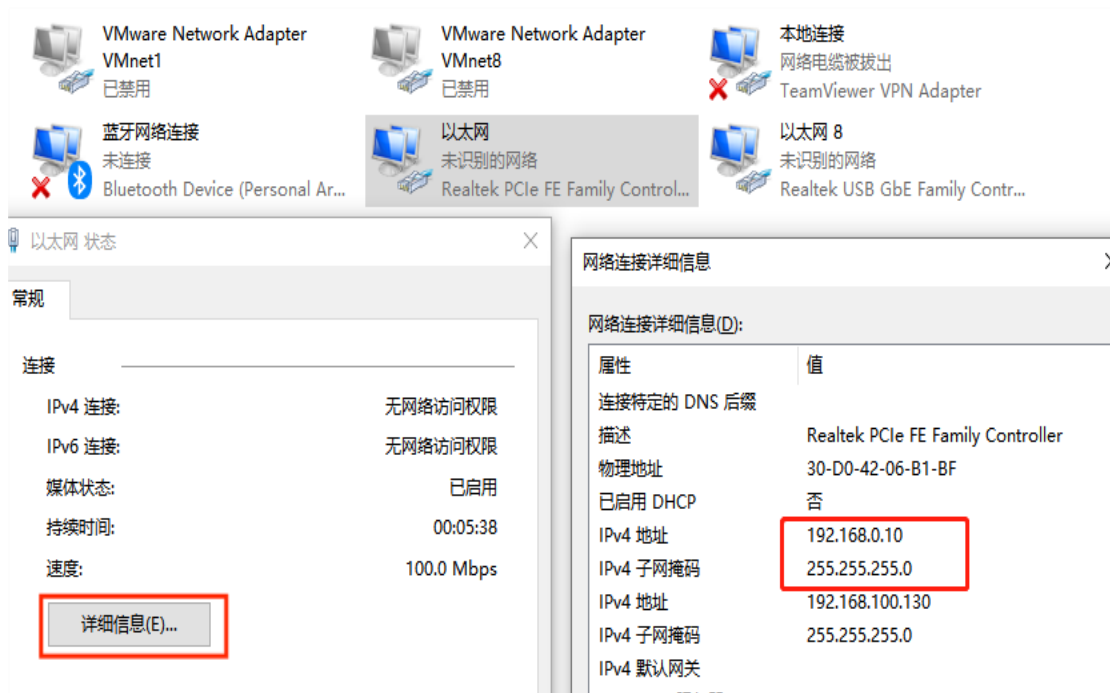
Serial upgrade

The IP address of the NIC is changed.

Change the IP address of the NIC to 192.168.0.10 in the sequence shown in the following figure



Click to view the information. If the same IP address is displayed in the red box on the right of the following figure, the NIC address is successfully changed.



TFTP Software deployment

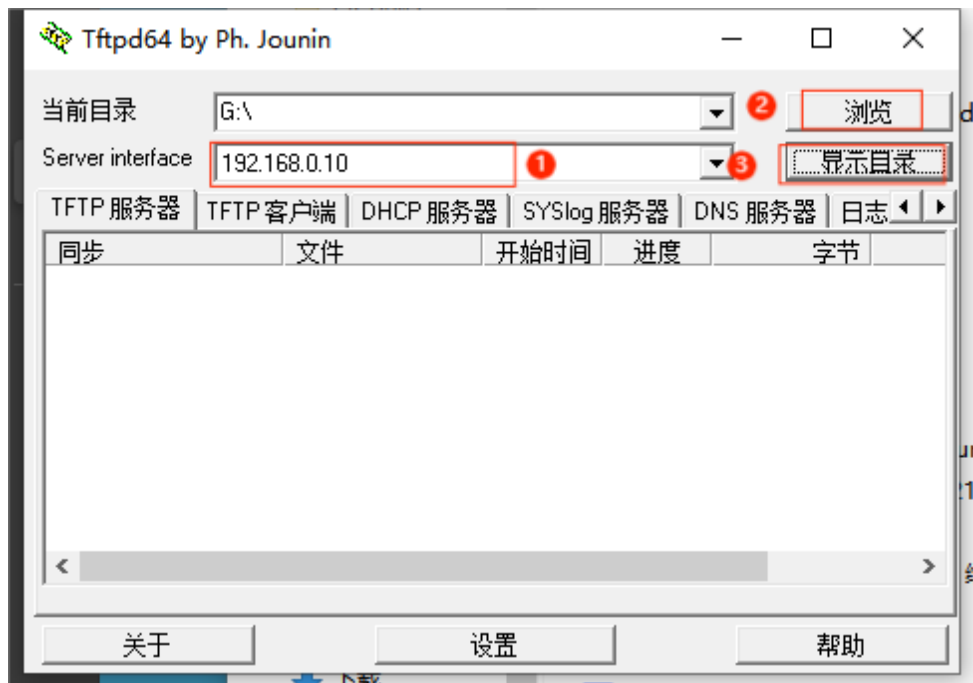
Unzip the software from the package to the middle desktop.



tftpd64.rar

After changing the firmware name to **firmware.img**.

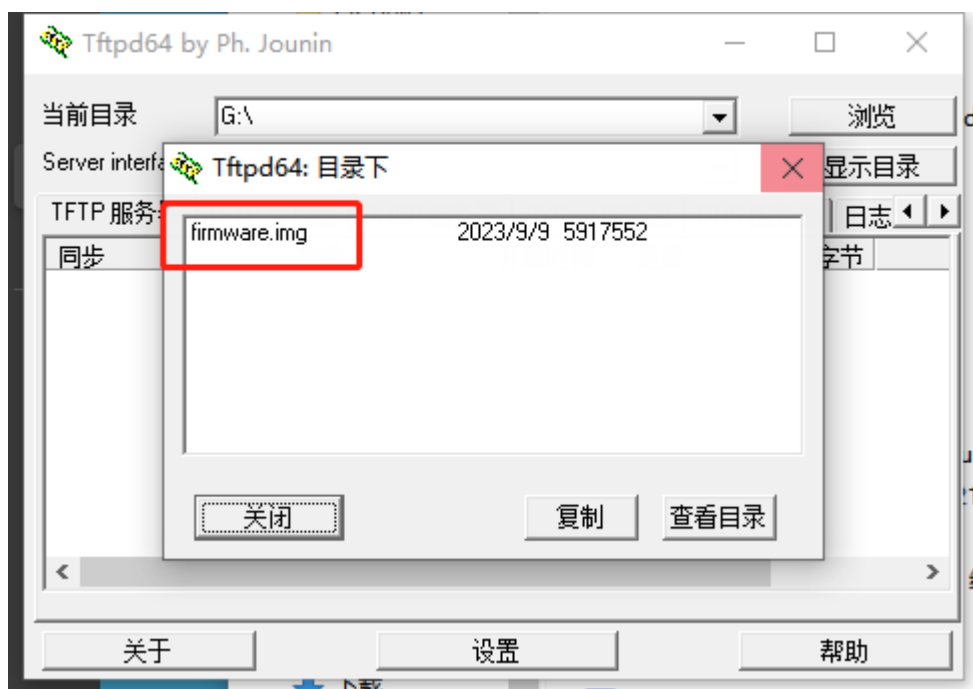
Open the **TFTPd64** software.



Step 1 Set the IP address of the NIC to 192.168.0.10.

Step 2 Select the firmware path to be upgraded.

Step 3 step is to click Show directory and make sure the firmware is present in the directory.



After the prerequisite is completed, the OLT can be upgraded (later upgrades can be done without shutting down the software).

OLT upgrade

After powering on the OLT, press **Ctrl+C** to enter the Uboot immediatel.

```

u-boot>
u-boot>
u-boot>
u-boot>

```

If you see the figure, you enter the uboot mode. run upa. Enter download mode. When Bytes transferred = 6077068 (5cba8c hex) is displayed, the upgrade is successful. Wait for **u-boot >** to appear before you can power off and restart manually.

```
at addr TO TlASH at OTTset  
u-boot> run upa;  
Using bcmiproc_eth-0 device  
TFTP from server 192.168.0.10; our IP address is 192.168.0.100  
Filename 'firmware.img'.  
Load address: 0x60000fcb  
Loading: #####  
#####  
#####  
#####  
#####  
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#####  
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#####  
#####  
  
done  
Bytes transferred = 6077068 (5cba8c hex)
```