

How to avoid TD-W8961NDv3 been exploited for internet attacks

In 2014, it is reported that many wireless routers can potentially be used by hackers, to attack some servers in the internet. Here is the detail of this issue:

<http://www.theguardian.com/technology/2014/apr/01/uk-wifi-routers-internet-attacks>

We've found that our TD-W8961ND v3 has this issue and fixed it by upgrading to the latest firmware. Below is the detailed instruction how to get it fixed:

1. Download version 140305
from http://uk.tp-link.com/resources/software/TD-W8961ND_V3_140305_UK.zip and extract the file to somewhere on your PC
2. Download version 140331
from http://uk.tp-link.com/resources/software/TD-W8961ND_V3_140331_UK.zip and extract the file to somewhere on your PC
3. Follow these instructions to upgrade to 140305.

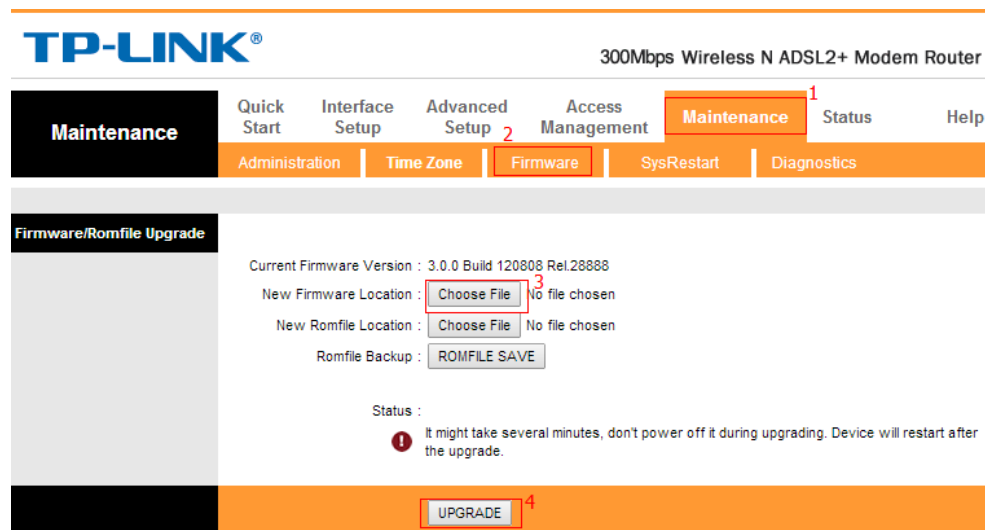
Step 1

Log into TD-W8961ND v3's web manage page by typing <http://192.168.1.1> in the address bar of the web browser (such as Internet Explorer, Firefox). The **username** and **password** are both **admin** unless you have changed it before.



Step 2

Click **Maintenance** -> **Firmware** click the **Browse** button to choose the firmware you already extracted in the folder.



TP-LINK® 300Mbps Wireless N ADSL2+ Modem Router

Maintenance Quick Start Interface Setup Advanced Setup Access Management **Maintenance** Status Help

Administration Time Zone **Firmware** SysRestart Diagnostics

Firmware/Romfile Upgrade

Current Firmware Version : 3.0.0 Build 120808 Rel.28888

New Firmware Location : Choose File No file chosen

New Romfile Location : Choose File No file chosen

Romfile Backup : ROMFILE SAVE

Status :
It might take several minutes, don't power off it during upgrading. Device will restart after the upgrade.

UPGRADE

Step 3

Click the **UPGRADE** button. The device will reboot automatically after the upgrading has been finished. Please wait about 3 minutes.

Step 4

Click **Status**-> **Device Info**, verify that the router's firmware has been upgraded.

TP-LINK® 300Mbps Wireless N ADSL2+ Modem Router

Status	Quick Start	Interface Setup	Advanced Setup	Access Management	Maintenance	Status	Help
	Device Info	System Log	Statistics				

Device Information	Firmware Version : Build 140305 Rel.04531 MAC Address : f8:1a:67:e7:1a:85
LAN	IP Address : 192.168.1.1 Subnet Mask : 255.255.255.0 DHCP Server : Enabled
Wireless	Current Connected Wireless Clients number is 0 <input type="button" value="Refresh"/>

ID	MAC
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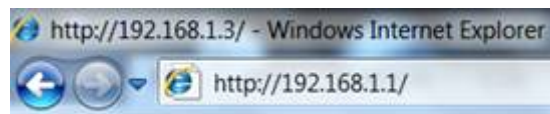
4. Follow the steps above again to upgrade it to 140331

After upgrading the firmware to 140331, your unit will not be involved in the attacking.

Besides, to make your device more secure, you can keep remote access function of your router disabled if it is not essential to you. To do this, you can:

Step 1

Log into TD-W8961ND v3's web manage page by typing <http://192.168.1.1> in the address bar of the web browser (such as Internet Explorer, Firefox). The **username** and **password** are both **admin** unless you have changed it before.



Step 2

Click **Access Management** -> **ACL**, and make sure the Interface is **LAN**.

Access Management	Quick Start	Interface Setup	Advanced Setup	Access Management	Maintenance	Status	Help
	ACL	Filter	SNMP	UPnP	DDNS	CWMP	

Access Control Setup	ACL : <input checked="" type="radio"/> Activated <input type="radio"/> Deactivated										
Access Control Editing	ACL Rule Index : 1 Active : <input checked="" type="radio"/> Yes <input type="radio"/> No Secure IP Address : 0.0.0.0 ~ 0.0.0.0 (0.0.0.0 ~ 0.0.0.0 means all IPs) Application : ALL Interface : LAN										
Access Control Listing	<table border="1"> <thead> <tr> <th>Index</th> <th>Active</th> <th>Secure IP Address</th> <th>Application</th> <th>Interface</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Yes</td> <td>0.0.0.0-0.0.0.0</td> <td>ALL</td> <td>Both</td> </tr> </tbody> </table>	Index	Active	Secure IP Address	Application	Interface	1	Yes	0.0.0.0-0.0.0.0	ALL	Both
Index	Active	Secure IP Address	Application	Interface							
1	Yes	0.0.0.0-0.0.0.0	ALL	Both							

For any questions or help please call our TP-LINK 24 hour technical support line 0845 147 0017 or e-mail support.uk@tp-link.com.