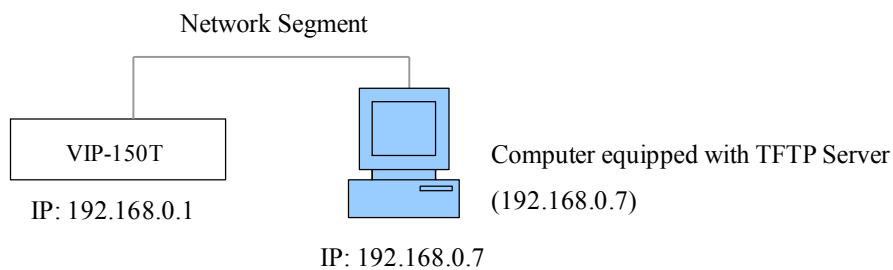


Firmware upgrade in TFTP mode via web interface

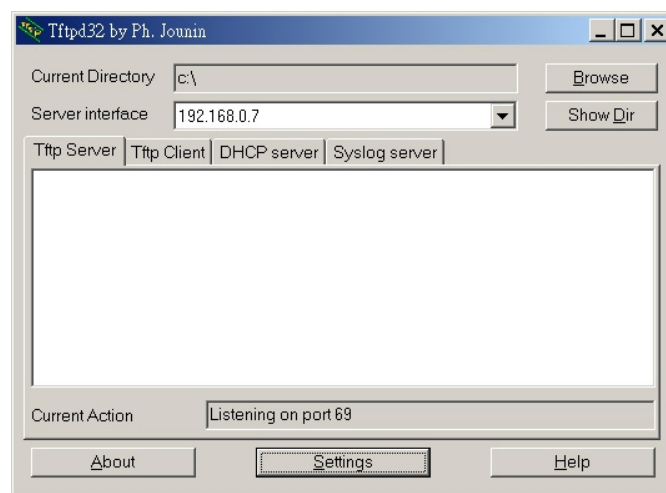
If you download the latest firmware updates or obtain the firmware file from local distributor, here we'll introduce you how to load the new firmware file into VIP-150T via **Firmware upgrade** configuration page.

Please prepare the TFTP server ready on the network, and the sample topology can be shown below



Preparation on TFTP server side


1. Executing TFTP server program, assign firmware file location, and save the path if necessary. (This part might vary depends on different kind of TFTP server used.) (In this sample, the file is assigned in c:\)



2. Allocate VIP-150T firmware file in the directory.

Note: If a firmware upgrade is carried out in a NAT environment, it is required to

reserve TCP port 69 for TFTP access.

 Caution	<ul style="list-style-type: none">• Please ensure stable power supply while performing firmware upgrade• It is suggested to upgrade the firmware locally, and please make sure the network connection is stable while the remote upgrade is performed
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Firmware upgrade steps on VIP-150T

Log on VIP-150T via web browser (default username: **root**; password: null <without password> (password may vary because of your machine configuration), and browse to the Firmware upgrade page, then insert related parameters (Server IP, file name, firmware type selection ...).

Firmware Upgrade	
Server IP Address:	<input type="text" value="192"/> <input type="text" value="168"/> <input type="text" value="0"/> <input type="text" value="7"/>
Target File name:	<input type="text" value="FW-VIP150T_0721.bin"/>
Download Method:	<input type="text" value="TFTP"/>
FTP Login:	name <input type="text"/> passwd <input type="text"/>
Target File Type:	<input type="text" value="Application Image"/>
<input type="button" value="DONE"/>	

After inserting these parameters, please click "**Done**" button to start file transmission. Please wait a moment till firmware file loaded into machine. When the process is done, VIP-150T popup a message to remind you:

ROM file download succeeded, please check version and reboot system. !!!

Please go to **Reboot** page to restart VIP-150T. At this moment, your machine firmware upgrade is completed.