

Installing IQ8600 Firmware Guide

Applications

You will need to download two “free” applications

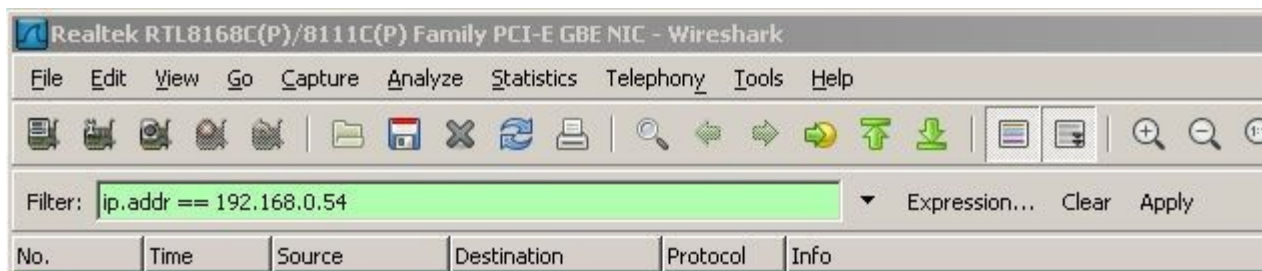
1. Wireshark
2. Solar Winds TFTP Server

Setting up

To set up Wireshark, choose the network interface in the Capture menu (the interface where you expect that the traffic will be visible) by clicking “Start” on the appropriate row.

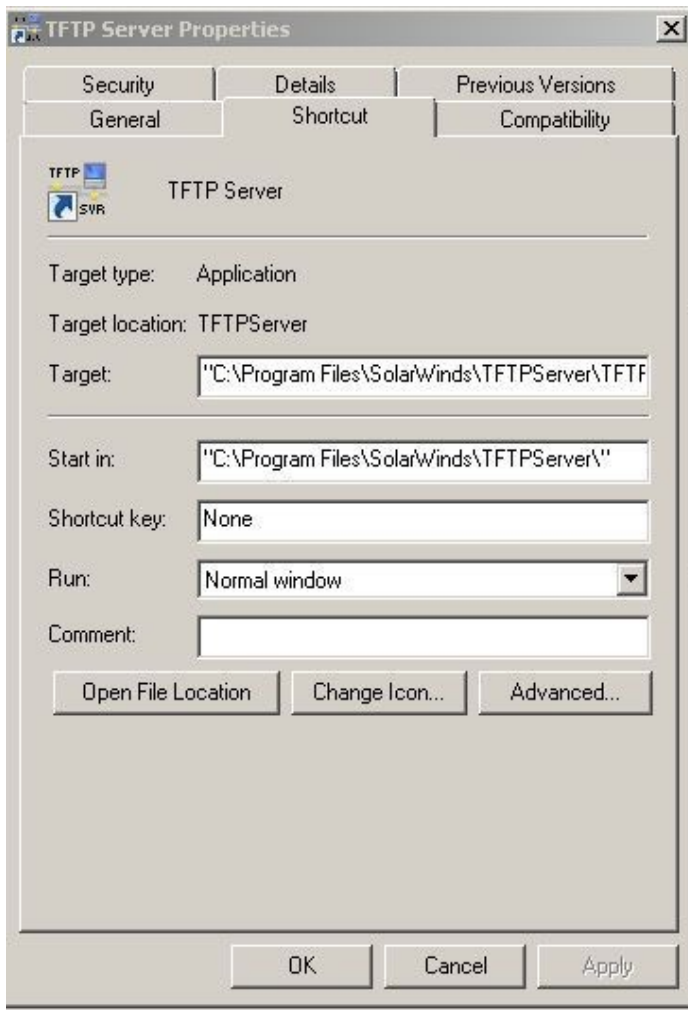


Set the filter as shown below using the IP address of the 8660 base.

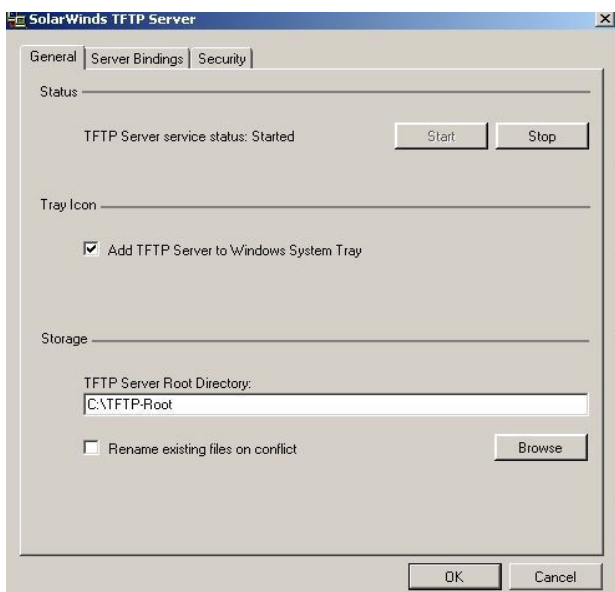


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Download and install Solar Winds TFTP server and accept the default installation settings.

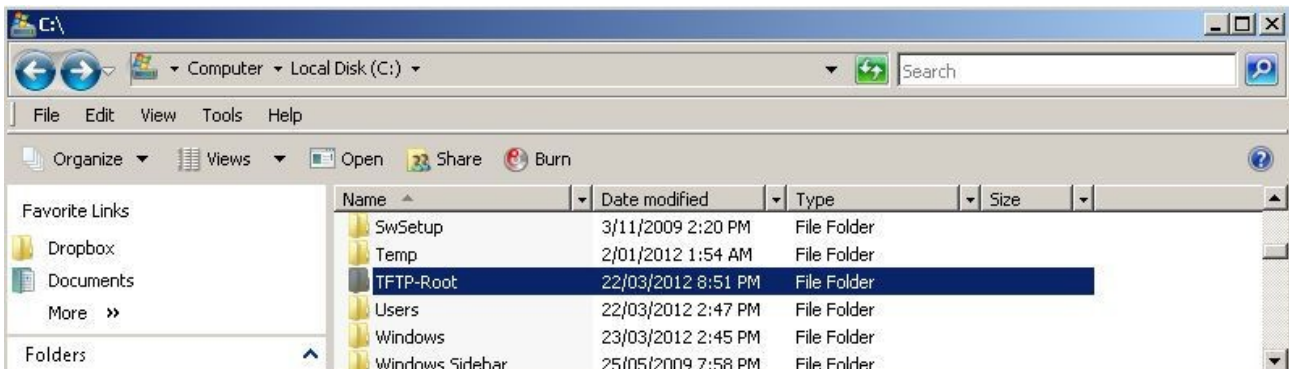


In Solar Winds enter "C:\TFTPRoot" in the TFTP Root Directory field (go to File menu and select Configure).

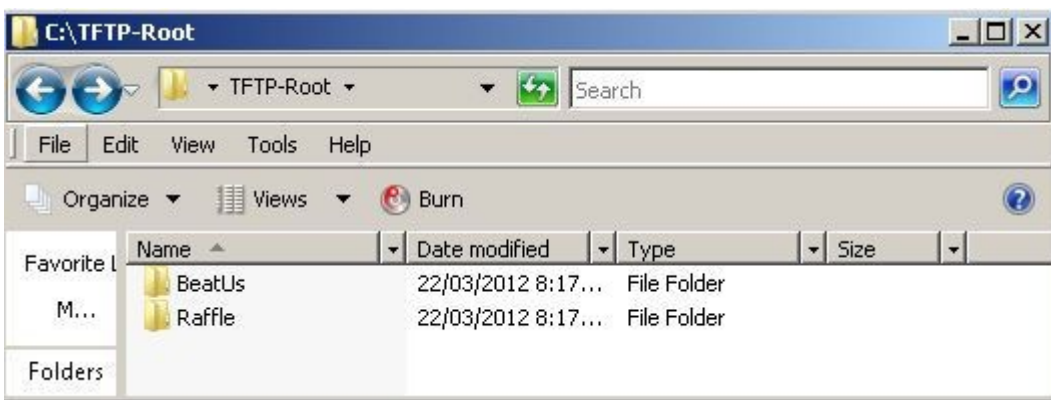


interquartz

Create a TFTP-Root folder on C drive as shown.



Save the files in sub folders “Beatus” and “Raffle” inside “TFTP-Root” folder.



Save the firmware files to their matching folders you have just created in the root TFTP directory.



Updating Firmware using IQ8600 Web UI

Login to the IQ8600 base via a browser (user: admin password: admin)

Go to the Firmware Update Section and enter your tftp servers details

The screenshot shows the 'SME VoIP' web interface. The left sidebar contains navigation links: Home/Status, Extensions, Servers, Network, Management, Firmware Update, Time, Country, Web Security, Central Directory, Multi cell, Repeaters, Configuration, Syslog, SIP Log, and Logout. The main content area is titled 'Firmware Update Settings'. It includes a 'Firmware update server address' field with the value '192.168.1.106' and a 'Firmware path' field with the value '/'. Below these is a table with two columns: 'Type' and 'Required Version'. The table contains two rows: one for '8630' with '227' and one for 'DECT4024' with '31'. A 'Save' button is located below the table. Below the table is the 'Update Base Stations' section, which has two radio buttons: 'Update this Base Station only' (selected) and 'Update all Base Stations'. There is also a 'Required Version' field and a 'Start Update' button.

Fill in the first “required version” with the firmware number shown in the name of the firmware files saved on the TFTP server then press the save button.

Then enter the same version number in the second “required version” box and select “ Start Update”.

If you check in your wireshark window you should see tftp traffic confirming the download has commenced.

The base should start flashing red/orange colours after the firmware is downloaded to signify the base is installing the firmware.

Once the flashing has stopped login to the IQ8600 base again and look at the Home/Status page to confirm the firmware has been updated.

* Note handsets need to be paired/registered before they can have their firmware updated.

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To confirm the status of the firmware on the handsets you can look in the extensions section and it will tell you if it is downloading or completed.

The screenshot shows a web browser window with the URL 192.168.1.109/Ext.html. The page title is "SME VoIP". The main content area is titled "Extensions" and shows details for "Server 1: sip2sip.info". There are links for "Add extension" and "Refresh". A table lists the extension details:

Idx	Extension	Display Name	IPEI	State	FW Info	FWU Progress
<input type="checkbox"/>	0	2233492825		11:88:70:00:40	SIP Registered@RPN00	227 Complete

Below the table are links for "Check All / Uncheck All" and a note: "With selected: Delete Extension(s), Register Handset(s), Deregister Handset(s)".

You may have to remove the battery on the handset and re-insert to complete the firmware update if going from a very old firmware version to a new version.