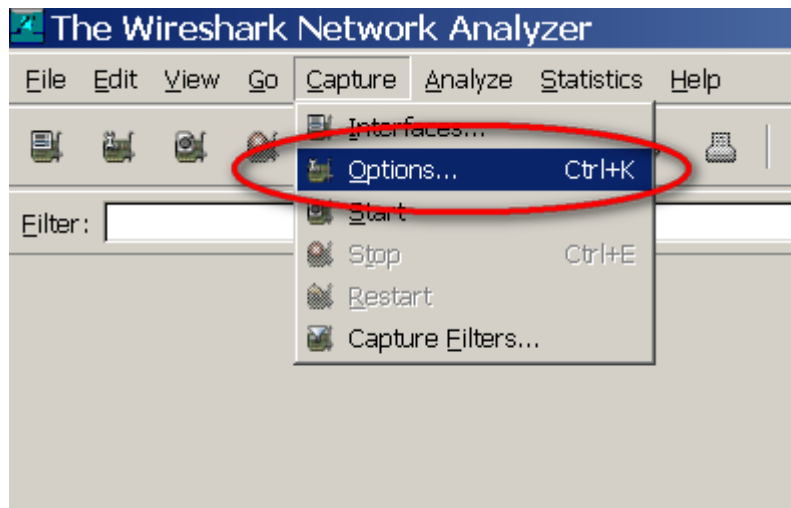


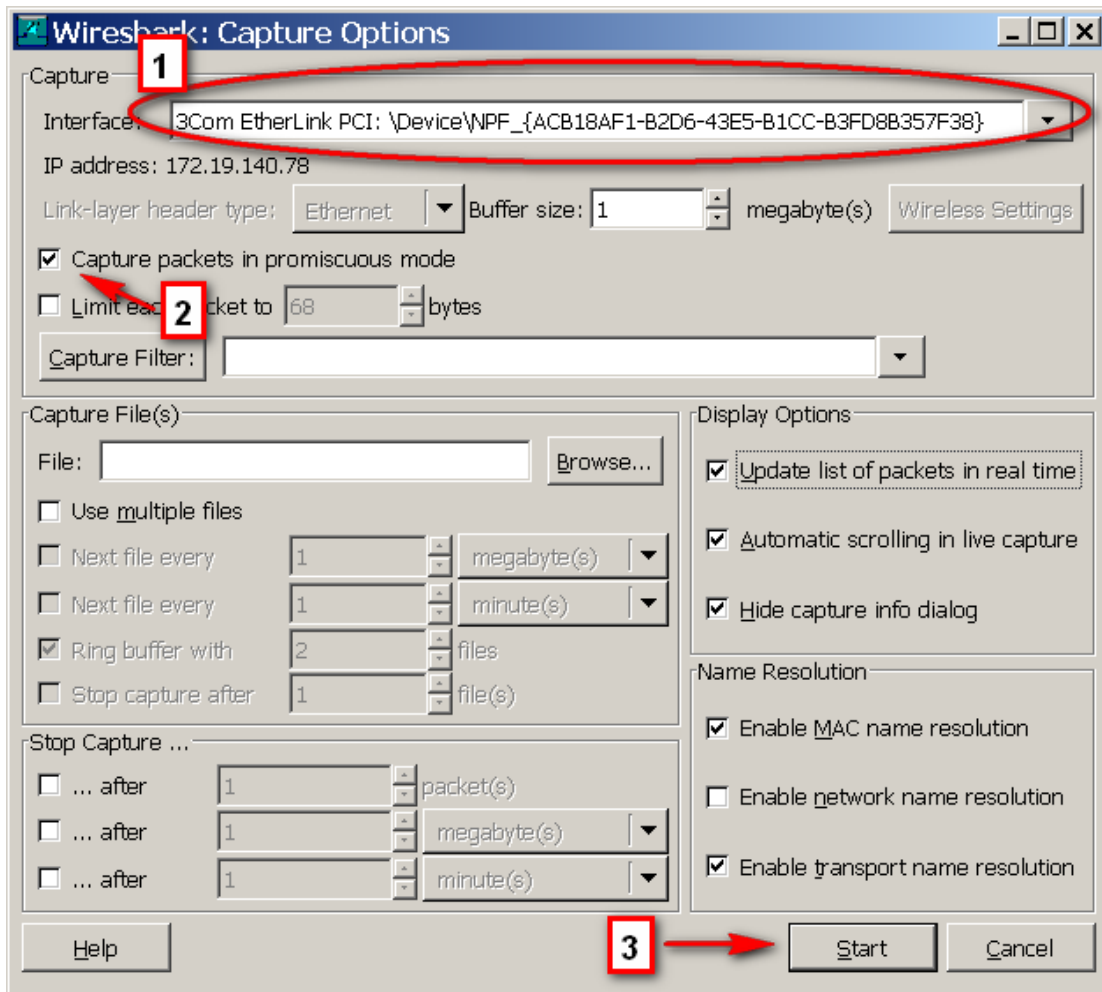
When we deploy VOIP network, there are always some problems blocks us, then, it will be very useful if we can capture the TCP/UDP packages to analysis the root reason. In this document, we suggest Wireshark. Wireshark is an excellent network protocol analyzer with rich VOIP analysis features. We can use it to capture and analysis SIP messages.

Download Wireshark from <http://www.wireshark.org/> and install it in your computer. For miniSipServer users, we suggest you install Wireshark on the same computer with miniSipServer.

After start Wireshark, please click menu “Capture→Options...”



In the popup “Capture options” window, select the network adaptor which you want to capture SIP messages.

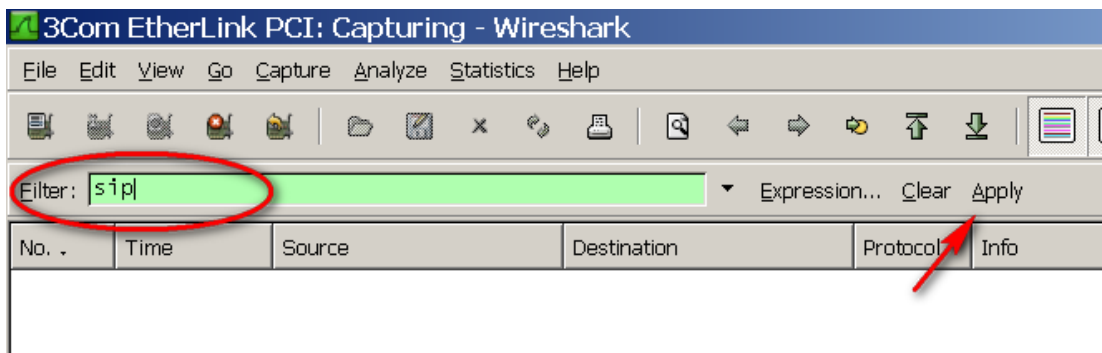


If the network adaptor is Wireless, you should NOT select “Capture packets in promiscuous mode”.

Then, click “Start” button. WireShark begins to capture SIP messages.

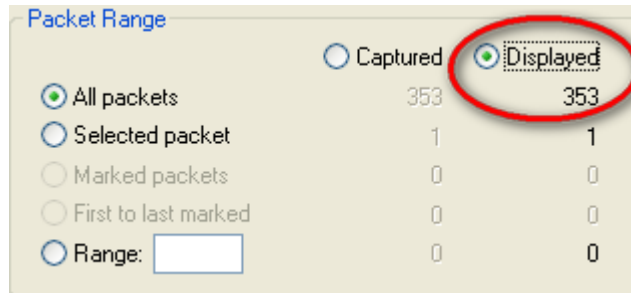
But in the WireShark window, you can see lots of TCP/UDP packages, how to find out the SIP messages? It is very easy to set “filter” to do that.

In the main window, please set “filter” to be “SIP” and click “apply” button.



After all these steps, please try a SIP call. You should see lots of SIP messages, such as INVITE, BYE, CANCEL etc. Then, you can click menu “File→Save” to save your SIP messages.

Sometimes, we just want to save SIP messages. In previous steps, we have set “filter” to be “SIP”, so we select “Displayed” options in the WireShark “save” or “save as ...” dialog. After that, Wireshark will only save the SIP messages to the file.



If you have any problem, please contact support@myvoipapp.com.