

Offensive Security

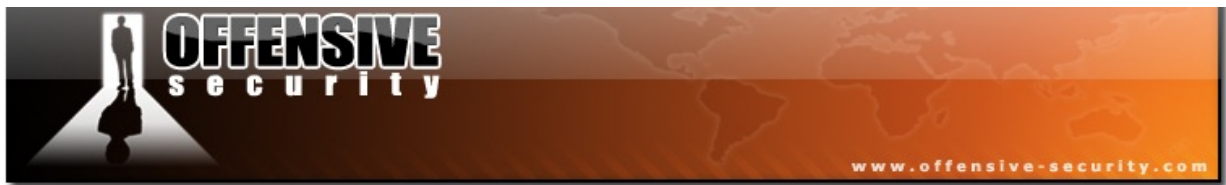
IRC Connectivity Guide

v.3.2



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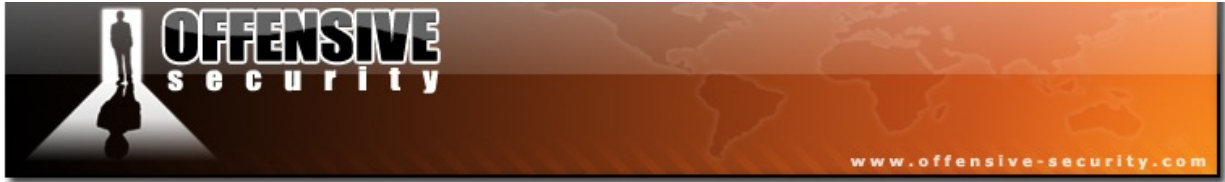
What is IRC ?

IRC, Internet Relay Chat, is a form of real time chat designed for group (channel) communication or a private communication via private messaging. IRC Was created back in 1988 by Jarkko Oikarinen, and since then its popularity has grown and grown.

It's an open protocol using TCP (sometimes TLS) working on a server/client principle. The standard server port is TCP 6667, but it's also run under several other nearby ports (eg 6668, 6669, etc...)

On the IRC server there are many channels, each created for a purpose, for a group of people of similar interest. Channels and users have modes which are represented letters. Here you can see the modes available for channel/user, you will find them useful later on.

For more information, please visit: http://en.wikipedia.org/wiki/Internet_Relay_Chat



What is Xchat?

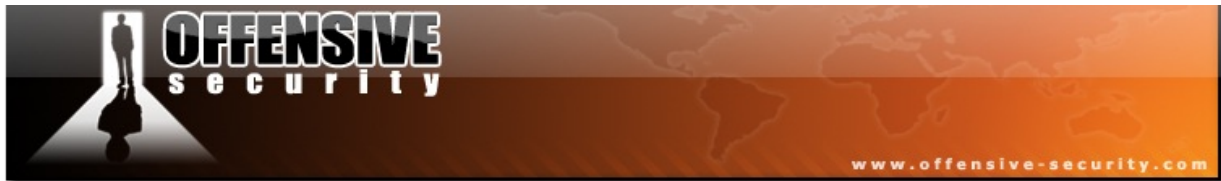
Xchat is an IRC client which lets you connect to IRC servers. Its homepage is located at <http://www.xchat.org>.

Xchat is **NOT** installed by default in Kali. We need to install it manually. We can do so by typing:

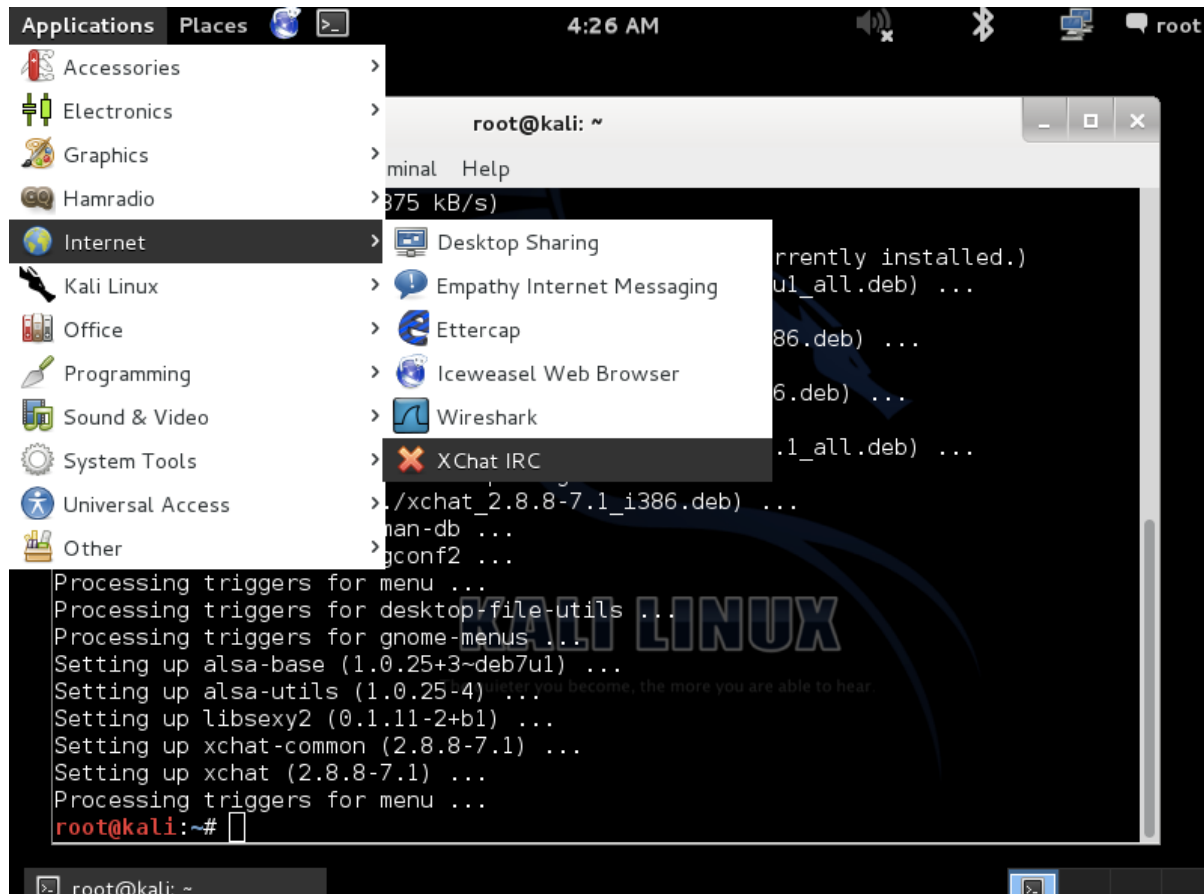
```
apt-get install xchat
```

```
root@kali: ~
File Edit View Search Terminal Help
root@kali:~# apt-get install xchat
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following extra packages will be installed:
  alsa-base alsa-utils libsexy2 xchat-common
Suggested packages:
  alsa-oss oss-compat
The following NEW packages will be installed:
  alsa-base alsa-utils libsexy2 xchat xchat-common
0 upgraded, 5 newly installed, 0 to remove and 0 not upgraded.
Need to get 2,799 kB of archives.
After this operation, 6,450 kB of additional disk space will be used.
Do you want to continue [Y/n]? █

KALI LINUX
The quieter you become, the more you are able to hear.
```

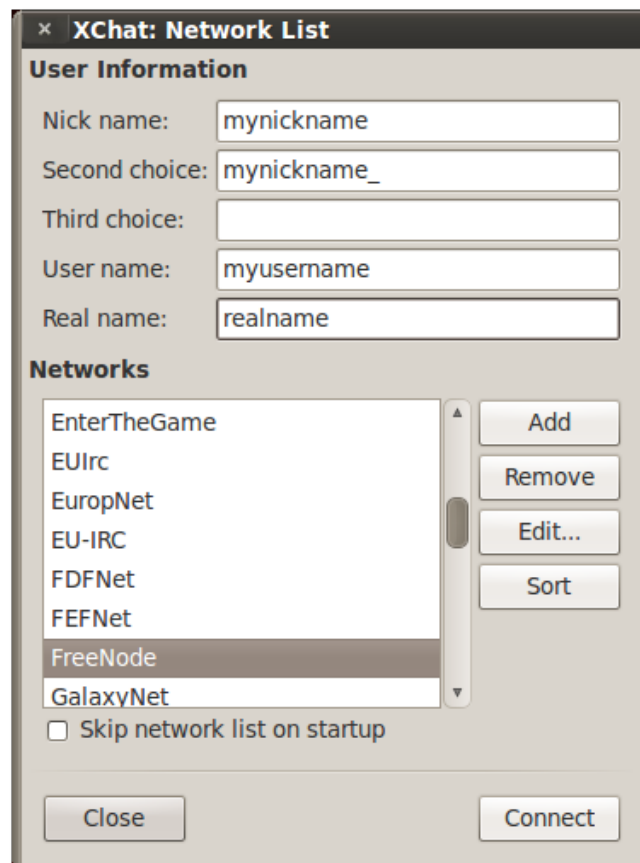


After Installation, Xchat is located under Application -> Internet -> Xchat IRC



Using Xchat

After running Xchat for the first time, you should see a window similar to this:



The image shows a window titled "XChat: Network List". It is divided into two main sections: "User Information" and "Networks".

User Information

Nick name: mynickname
Second choice: mynickname_
Third choice:
User name: myusername
Real name: realname

Networks

EnterTheGame
EUirc
EuropNet
EU-IRC
FDFNet
FEFNet
FreeNode
GalaxyNet

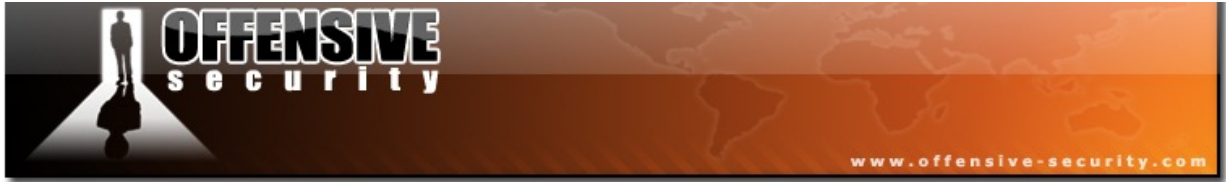
Buttons: Add, Remove, Edit..., Sort

☐ Skip network list on startup

Buttons: Close, Connect

Fill in the appropriate Username Information, select FreeNode as the server and click connect.

You ***MUST*** register your nickname to be able to speak in our #offsec channel. This will also prevent other using the same nickname, and allow you to private message with other IRC users on the FreeNode IRC server.



Once you have found an available nickname, register it by typing the following command in the Xchat window:

```
/msg NickServ register <password> <email>
```

Hide your email from the public by issuing the following command:

```
/msg nickserv set hidemail on
```

Once you have registered your nick, you will need to identify each time you connect to the server:

```
/msg NickServ identify <password>
```

BE CAREFUL NOT TO EXPOSE YOUR PASSWORD TO A PUBLIC CHANNEL

Please visit <http://freenode.net/faq.shtml#userregistration> for more information about registration.

It is also advisable to get a Cloak. This will prevent other users from seeing your IP address while connected to IRC.

Information on how to get a cloak is located at: <http://freenode.net/faq.shtml#cloaks>

Our channel is located in #offsec. To join our channel simply type:

```
/join #offsec
```

Alternatively, you can use <http://webchat.freenode.net/> to connect to the FreeNode network.

To be able to talk in the channel, you need to be registered and identified.



Channel Behavior

Once in the channel, be polite and courteous – that’s pretty much it. We do not tolerate profanity of any type – please take this into consideration.

Do not talk about exercise specifics openly in channel, you may spoil the fun for other students. You may ask a general question, and if you get a response, use private messaging to continue.

If you require admin help, you can get admin attention by typing:

`ping admin` or `admin around?`

This will alert our admins and you can continue your conversation in a private message. Most likely you will get help within minutes, but please be patient when asking for help.

Look at the channel topic, important up to date information is located there.

We have bot named “Offsec-Ninja”, which can give you some useful information if you type appropriate command such as (`!hours`, `!ip` , `!faq` , `!bob`). Please do not abuse this feature.

Keep in mind that #offsec is not a place to resolve issues with your order, or any other payment or orders related activity. For such inquires please email orders@offensive-security.com instead.

So, now that you know how to connect to the #offsec channel, please join us, we are expecting you!

If you have any questions feel free to contact us at help@offensive-security.com .