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How to use Public IP on Kali Linux

posted in **KALI LINUX** , **PENETRATION TESTING** on **MAY 1, 2017** by **RAJ CHANDEL**

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Today through this article you will learn how an attacker can use anonymous VPN service to occupy public IP which will surly expand the area of your target list and you will be able to attack outside your network also.

Let's Start!

In your kali Linux Open the terminal and type following command to start pptp service for VPN configuration.

```
apt-get install network-manager-pptp
```

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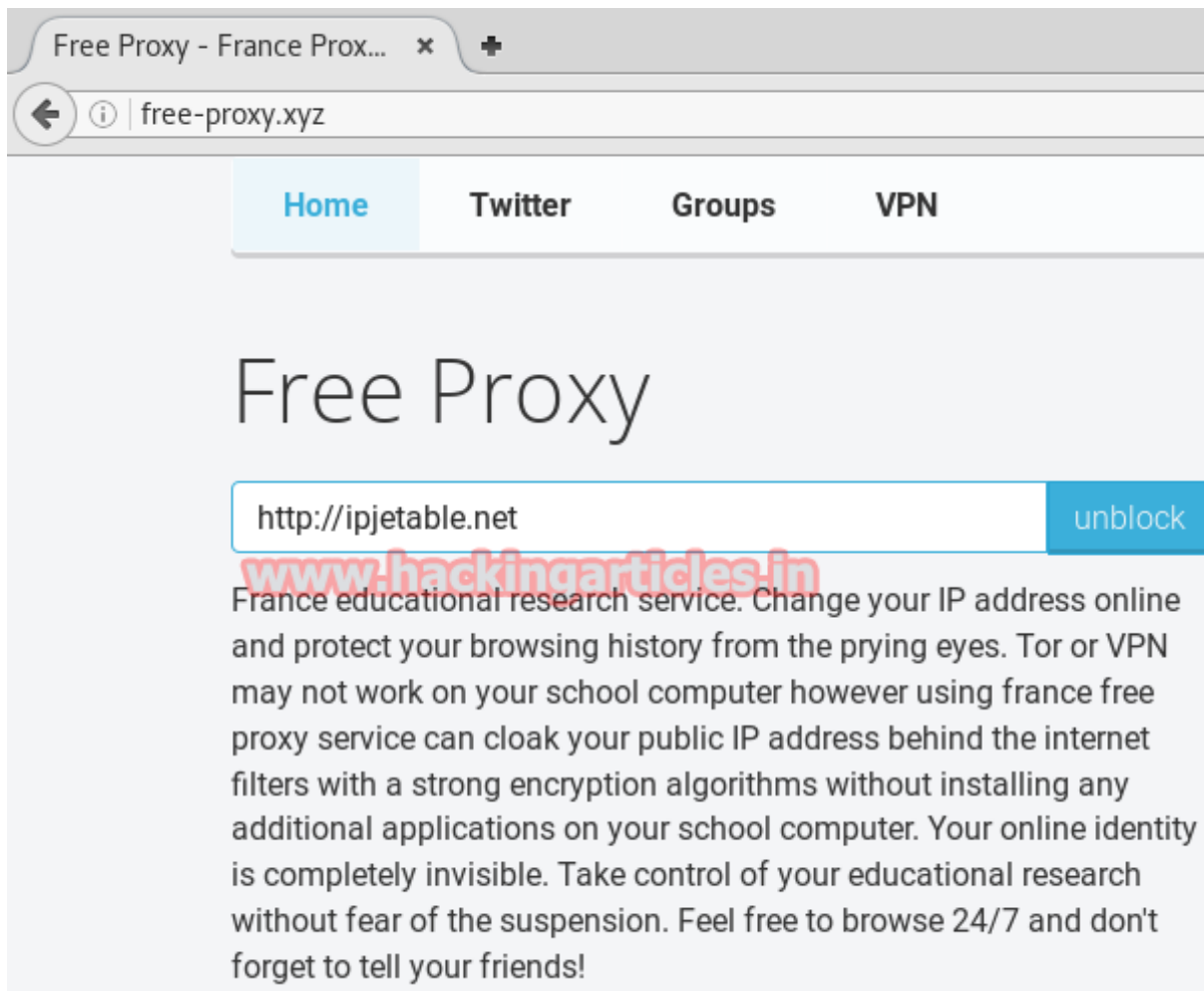
```
root@kali:~# apt-get install network-manager-pptp
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following packages were automatically installed and are no longer required:
 espeak-data firebird2.5-common firebird2.5-common-doc gnome-packagekit
 gnome-packagekit-data gnome-shell-extension-refreshwifi imagemagick-common
 iproute libboost-atomic1.61.0 libboost-chrono1.61.0 libboost-date-time1.61.0
 libboost-filesystem1.61.0 libboost-system1.61.0 libboost-thread1.61.0
```

apt-get install network-manager-pptp-gnome

```
root@kali:~# apt-get install network-manager-pptp-gnome
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following packages were automatically installed and are no longer required:
 espeak-data firebird2.5-common firebird2.5-common-doc gnome-packagekit gnome-
 iproute libboost-atomic1.61.0 libboost-chrono1.61.0 libboost-date-time1.61.0
 libcrypto++6 libespeak1 libgeos-3.5.0 libicu55 libjson-c3:i386 libladr4 libli
 libmonoboehm-2.0-1 libmonoboehm-2.0-dev libmysqlclient18 libnm-gtk-common lib
 libopencv-ml2.4v5 liborc-0.4-0:i386 libosinfo-db libpoppler61 libqt4-opengl l
 libschroedinger-1.0-0:i386 libssl1.0.2:i386 libudev1:i386 libx265-87 libx265-
 linux-headers-4.6.0-kali1-amd64 linux-headers-4.6.0-kali1-common linux-image-
 python-brotli python-cluster python-darts.lib.utils.lru python-esmre python-g
 python-ndg-httpsclient python-nltk python-pdfminer python-phply python-ply py
 python-pygithub python-ruamel.orderdict python-smmmap python-tblib python-vu
 Use 'apt autoremove' to remove them.
```

Ipjettable.net is the web site which provides free VPN service to their registered users but this site will open through proxy server so therefore I took help of **free-proxy.xyz** to open ipjettable.net web page.





Here you need to unlock the website so that you can use open vpn service anonymously. Click on **I subscribe** tab. Here I had Google translator.

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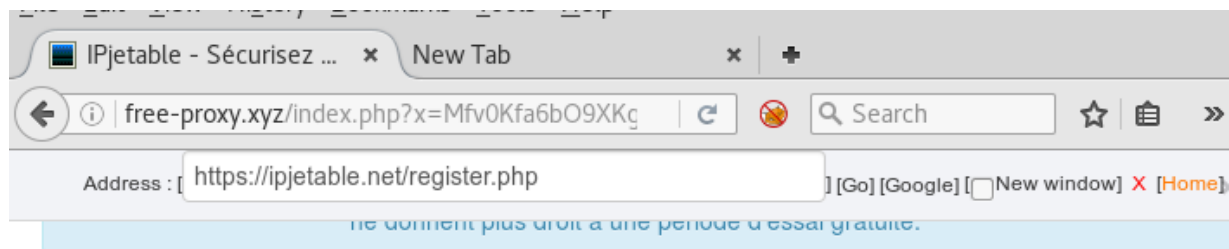
Then it requires registration for unlocking VPN service now gives your email id for registration. I had use temporary email id for registration.

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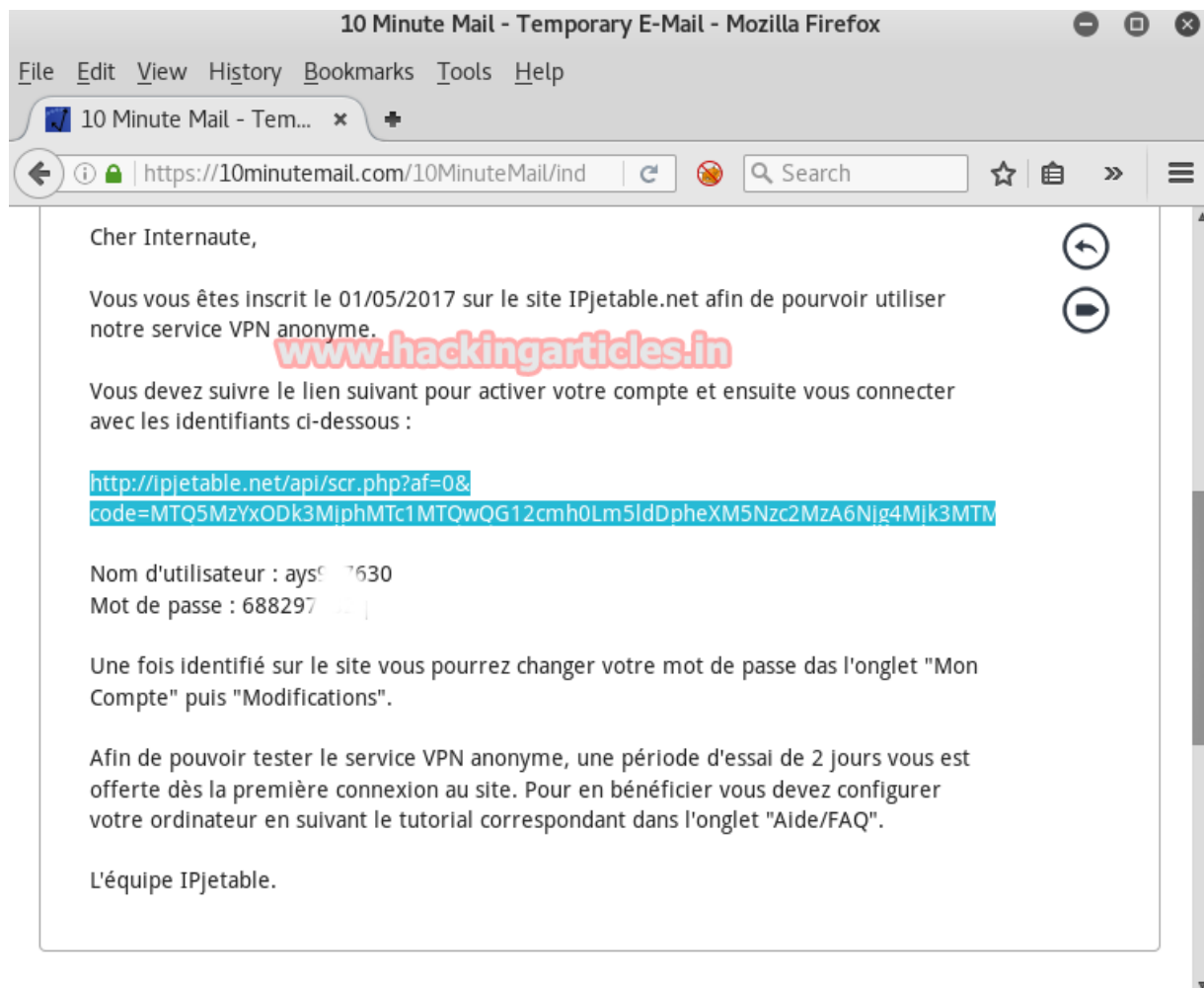
Code de vérification

☒ J'accepte les **conditions d'utilisation**

Entrez le code de votre parrain si vous en avez un.

Code de parrainage

When you will register into web site it will send you a mail in your inbox which contains **username** and **password** that we will use for VPN login. In given screenshot you can observe we have highlighted the link, copy this link.



Now past above copied link inside free-proxy.xyz as done above for unlocking login page for VPN service. When you will unlock it, the given below web page will gets open inside browser which will ask for login credential now give username and password which have received through mail.

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d'utilisateur

Mot de passe

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IPjetable infrastructure is located in the Netherlands. Please take care of the law of your own country when subscribing to IPjetable service.
IPjetable is not responsible and can not be held liable for any claim, damage, law enforcement or anything related to its services.

Service operated by IELO, CH66032650122, avenue Wendt 16, 1200

[Download hide.me VPN for free!](#) X

Now click on **install ipjetable** which start VPN service installation for your local network.

 ays977000
E-mail: a17514@protonmail.net
Code de parrainage: ETCKMAZUAFNRYFJX

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aucun filtrage

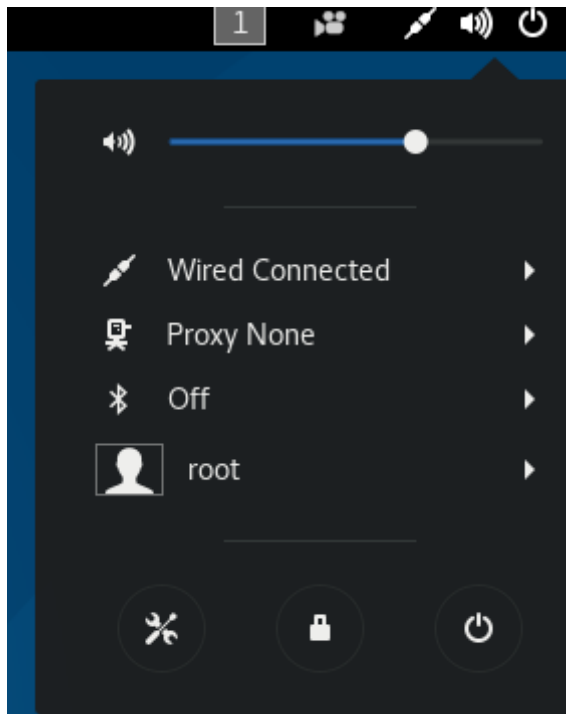
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abonnement valide jusqu'à
2017-05-03 08:14:29

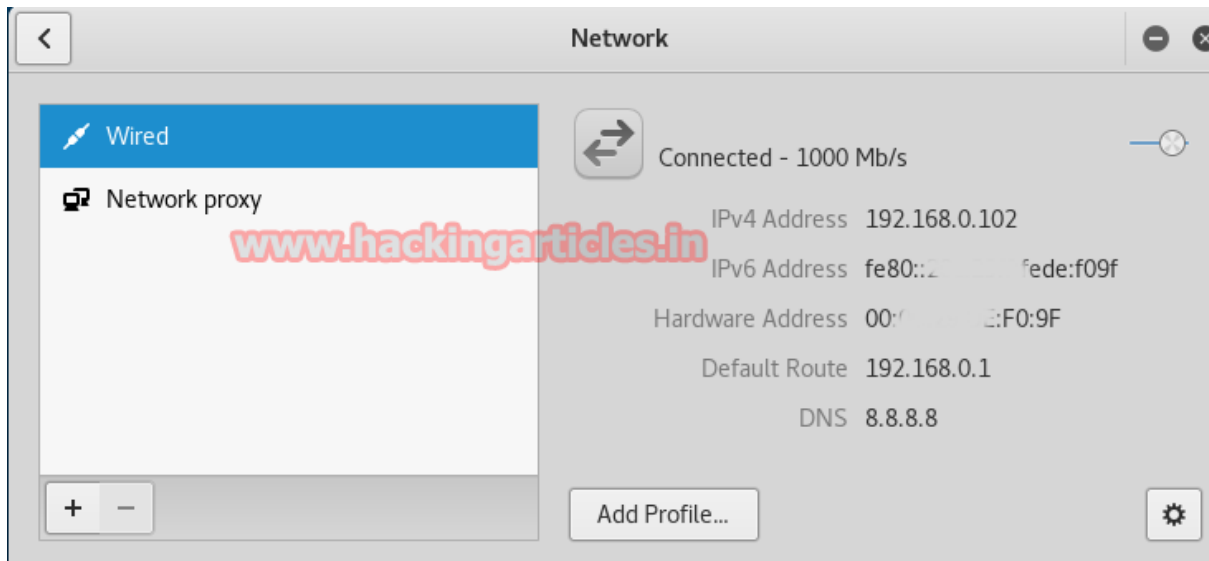
MON VPN IPJETABLE

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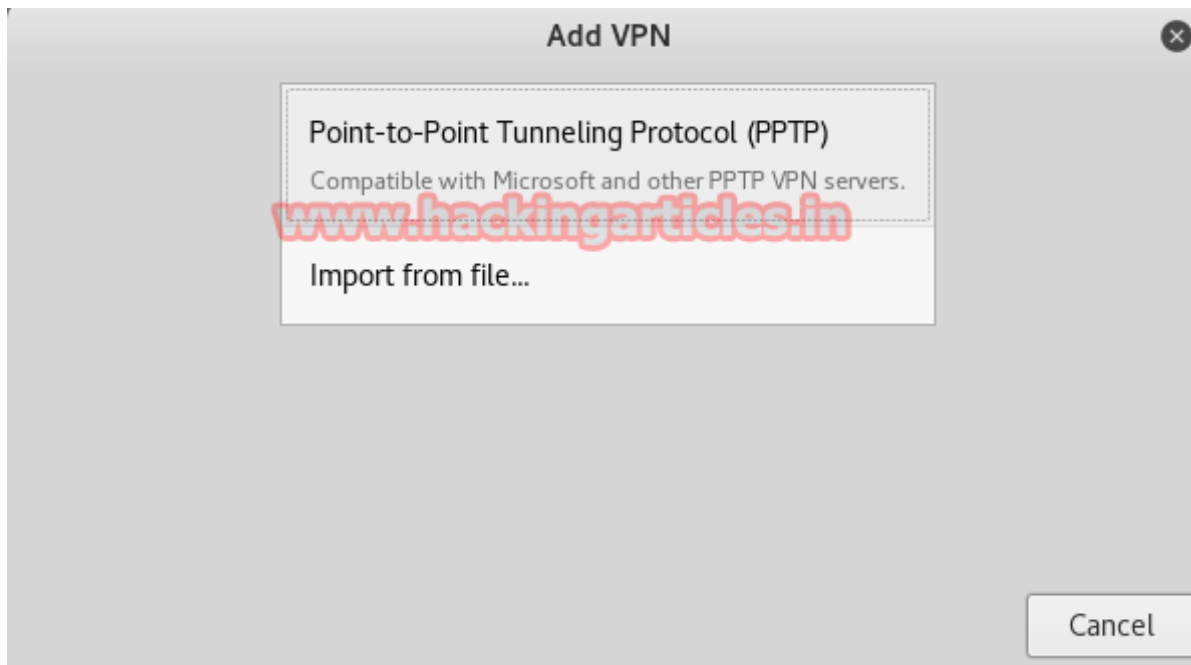
Inside your kali Linux click on **power icon** available on right side corner of screen to configuration VPN then select **wired connected**.



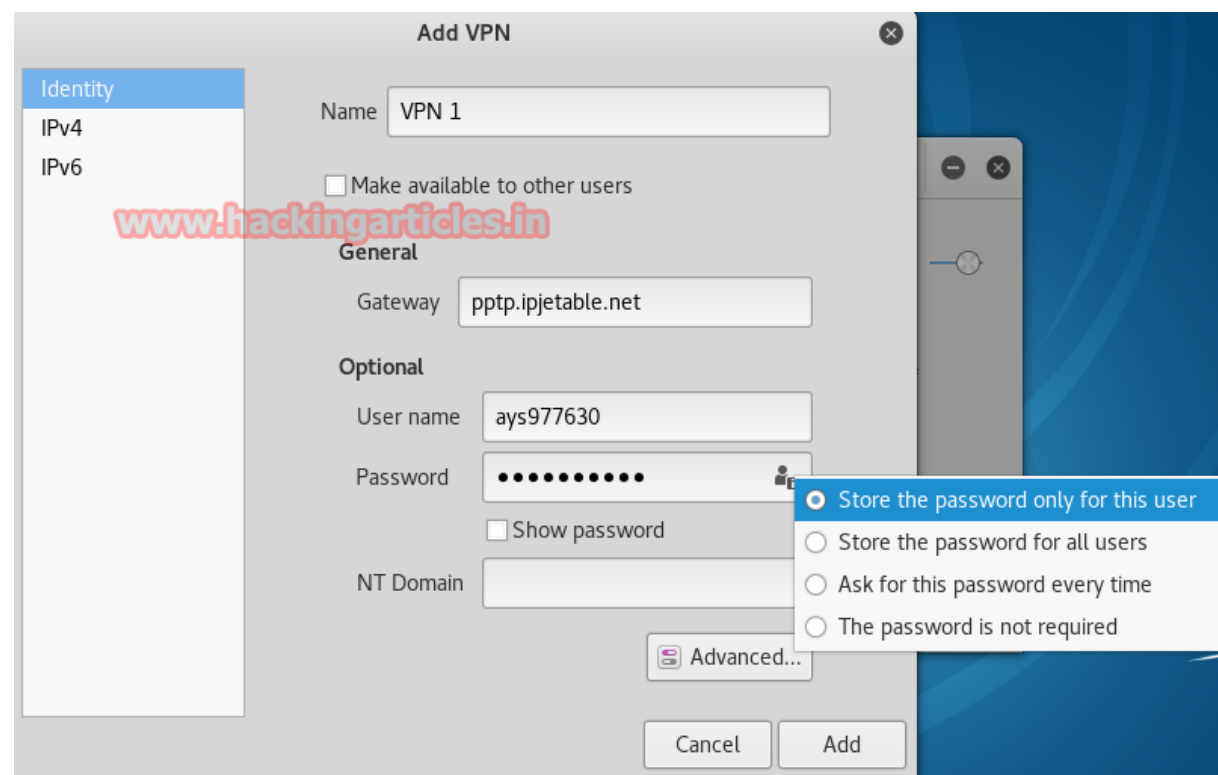
Now click on (+) “**plus**” to add new network connection.



Select point to point tunneling protocol



Now add username and password to connect which VPN server. Then click on advance tab and select radio button store password only for this user.



From given screenshot select the check box for PPTP authentication and encryption then once all configurations is completed **click** on **ok**. Till here we have configured VPN service successfully in our kali linux.

PPTP Advanced Options ✕

Authentication

Allow the following authentication methods:

- ☒ PAP
- ☒ CHAP
- ☒ MSCHAP

Security and Compression

☒ Use Point-to-Point encryption (MPPE)

Security: All Available (Default) ▼

- ☐ Allow stateful encryption
- ☒ Allow BSD data compression
- ☒ Allow Deflate data compression
- ☒ Use TCP header compression

Echo

- ☐ Send PPP echo packets

Misc

☐ Use custom unit number: 0 - +

Cancel OK

Let check our vpn IP that we have occupied

Ifconfig

From screenshot you can read **192.168.0.102** is my local ip and **141.255.151.15** is our public IP now use this IP for your attack even outside of your network also.

```
root@kali:~# ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.0.102 netmask 255.255.255.0 broadcast 192.168.0.255
    inet6 fe80::20ff:fede:f09f prefixlen 64 scopeid 0x20<link>
    ether 00:0c:29:de:10:9f txqueuelen 1000 (Ethernet)
    RX packets 33770 bytes 44757033 (42.6 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 24450 bytes 2116945 (2.0 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
    loop txqueuelen 1 (Local Loopback)
    RX packets 19 bytes 1107 (1.0 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 19 bytes 1107 (1.0 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

ppp0: flags=4305<UP,POINTOPOINT,RUNNING,NOARP,MULTICAST> mtu 1400
    inet 141.255.151.15 netmask 255.255.255.255 destination 188.166.141.249
    ppp txqueuelen 3 (Point-to-Point Protocol)
    RX packets 391 bytes 341605 (333.5 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 410 bytes 32471 (31.7 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

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RAJ CHANDEL

Raj Chandel is a Skilled and Passionate IT Professional especially in IT-Hacking Industry. At present other than his name he can also be called as An Ethical Hacker, A Cyber Security Expert, A Penetration Tester. With years of quality Experience in IT and software industry

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