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Thread: [Get Public | Private IP of your WiFi from Terminal \[Linux\]](#)

rootsh3ll - July 1, 2015, 2:26 pm

Code #! /bin/sh

```
public_IP()
{
    pub_IP=$( wget -q -O - ifconfig.me/ip )

    if [ -z $pub_ip ]; then
        P_st="disconnected"
        P_ip="-"
    else
        P_ip="Public IP : $pub_IP"
        P_st="Connected"
    fi
}

private_IP()
{
    priv_IP=$(ifconfig wlan0 \
    | grep 'inet addr' \
    | cut -d: -f2 \
    | awk '{print $1}' )

    if [ -z $priv_IP ]; then
        p_ip="-"
        p_st="disconnected"
    else
        p_st="Connected"
        p_ip="$priv_IP"
    fi
}

help()
{
    echo "Usage : getip [OPTIONS]\n"
    echo "Options:\n -h\t: Help menu"
    echo " -p\t: Displays Private IP"
    echo " -P\t: Displays Public IP"
}

banner()
{
    echo "Private IP | Public IP | Internet Status\n "
}

start()
{
```

```
if [ "$1" = '-h' ]; then
    help
else
    banner
    private_IP
    public_IP
    echo "$p_ip\t\t$P_ip\t\t$P_st"
fi
}
```

Main function

start \$@

Save the above code as getip.sh

then,

open terminal in curent directory and type

Quote:chmod u+x getip.sh

./getip.sh -h

just wait..and see the terminal will print back your Public and Private IP of you wireless Network.

FEEL FREE TO COMMENT IF YOU LIKE THE POST?

--rootsh3ll @ (rootsh3ll.com)