**Connecting Raspberry-Pi to internet using a mobile device**

To Connect the Raspberry-Pi to internet through mobile device is achieved using USB Tethering option in the mobile device.

Steps to configure:

1. On Pi device, use one of the USB ports and a USB connector cable to connect Pi and the mobile device.
2. Edit the file /etc/network/interfaces file to add an entry for the usb(usb0). The file looks as follows:

#cat /etc/network/interfaces  
auto lo  
  
iface lo inet loopback  
iface eth0 inet dhcp  
  
allow-hotplug wlan0  
iface wlan0 inet manual  
wpa-roam /etc/wpa\_supplicant/wpa\_supplicant.conf  
iface default inet dhcp  
#

1. Add the below lines in the file

allow-hotplug usb0  
iface usb0 inet dhcp

1. Save the file.
2. Restart networking using the command */etc/init.d/networking restart.*
3. Enable USB tethering in the mobile device.

Network access is now enabled.