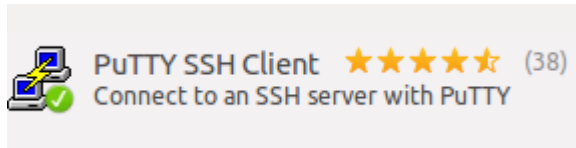
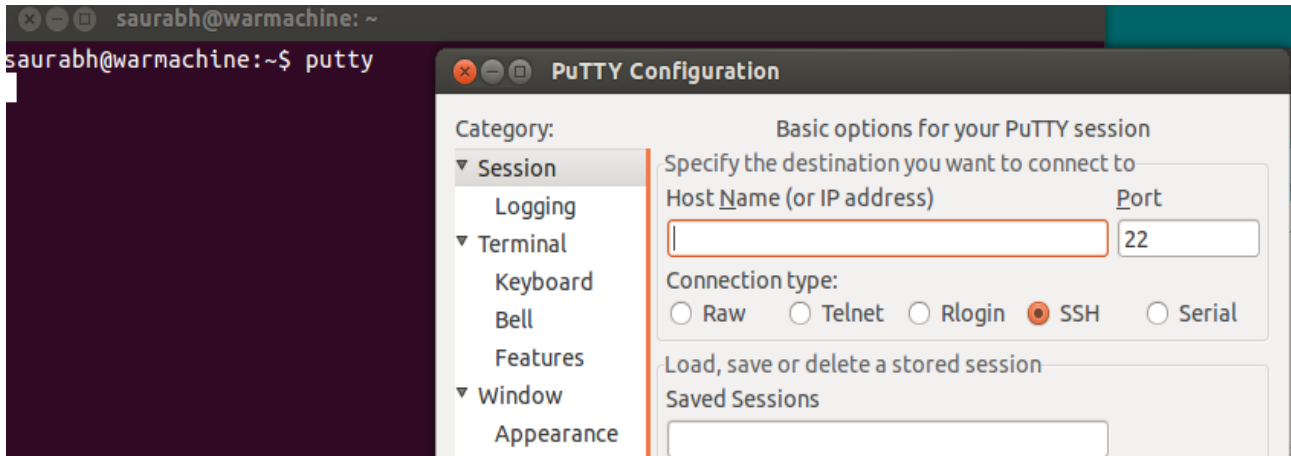


## How to configure Putty ?

> Install Putty from UBUNTU SOFTWARE CENTER.

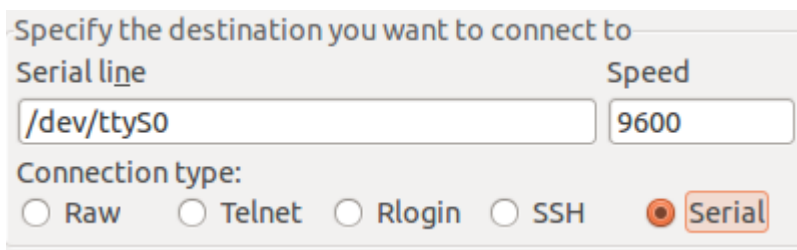


> After installing Open it from Terminal. Type ***putty***. You will see some interface like this



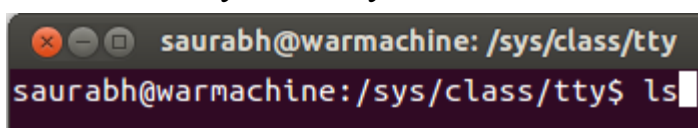
> Click on Session -

Here select the “***Serial***” Radio Dial. Set the ***Baud Rate***, and the ***Serial Line*** change it from ***/dev/ttyS0*** to ***/dev/ttyUSB0***.



Note: Generally it is ***/dev/ttyUSB0***. Otherwise you have to see which serial port our Gsm modem is connected. We can see that using the following command. ***Unplug your GSM Modem first.***

> Open a new terminal. Type  
\$-: cd /sys/class/tty



> \$-: /sys/class/tty\$ ls  
You will see a list of ports that are available.

```
saaurabh@warmachine:/sys/class/tty$ ls
console  tty16  tty26  tty36  tty46  tty56  tty9      ttyS16  ttyS26  ttyS8
ptmx     tty17  tty27  tty37  tty47  tty57  ttyACM0   ttyS17  ttyS27  ttyS9
tty       tty18  tty28  tty38  tty48  tty58  ttyprintk ttyS18  ttyS28
tty0      tty19  tty29  tty39  tty49  tty59  ttyS0     ttyS19  ttyS29
tty1      tty2   tty3   tty4   tty5   tty6   ttyS1     ttyS2   ttyS3
tty10     tty20  tty30  tty40  tty50  tty60  ttyS10    ttyS20  ttyS30
tty11     tty21  tty31  tty41  tty51  tty61  ttyS11    ttyS21  ttyS31
tty12     tty22  tty32  tty42  tty52  tty62  ttyS12    ttyS22  ttyS4
tty13     tty23  tty33  tty43  tty53  tty63  ttyS13    ttyS23  ttyS5
tty14     tty24  tty34  tty44  tty54  tty7   ttyS14    ttyS24  ttyS6
tty15     tty25  tty35  tty45  tty55  tty8   ttyS15    ttyS25  ttyS7
saaurabh@warmachine:/sys/class/tty$
```

Now connect the GSM modem. Type “ls” again .

```
saaurabh@warmachine:/sys/class/tty$ ls
console  tty16  tty26  tty36  tty46  tty56  tty9      ttyS16  ttyS26  ttyS8
ptmx     tty17  tty27  tty37  tty47  tty57  ttyACM0   ttyS17  ttyS27  ttyS9
tty       tty18  tty28  tty38  tty48  tty58  ttyprintk ttyS18  ttyS28  ttyUSB0
tty0      tty19  tty29  tty39  tty49  tty59  ttyS0     ttyS19  ttyS29
tty1      tty2   tty3   tty4   tty5   tty6   ttyS1     ttyS2   ttyS3
tty10     tty20  tty30  tty40  tty50  tty60  ttyS10    ttyS20  ttyS30
tty11     tty21  tty31  tty41  tty51  tty61  ttyS11    ttyS21  ttyS31
tty12     tty22  tty32  tty42  tty52  tty62  ttyS12    ttyS22  ttyS4
tty13     tty23  tty33  tty43  tty53  tty63  ttyS13    ttyS23  ttyS5
tty14     tty24  tty34  tty44  tty54  tty7   ttyS14    ttyS24  ttyS6
tty15     tty25  tty35  tty45  tty55  tty8   ttyS15    ttyS25  ttyS7
```

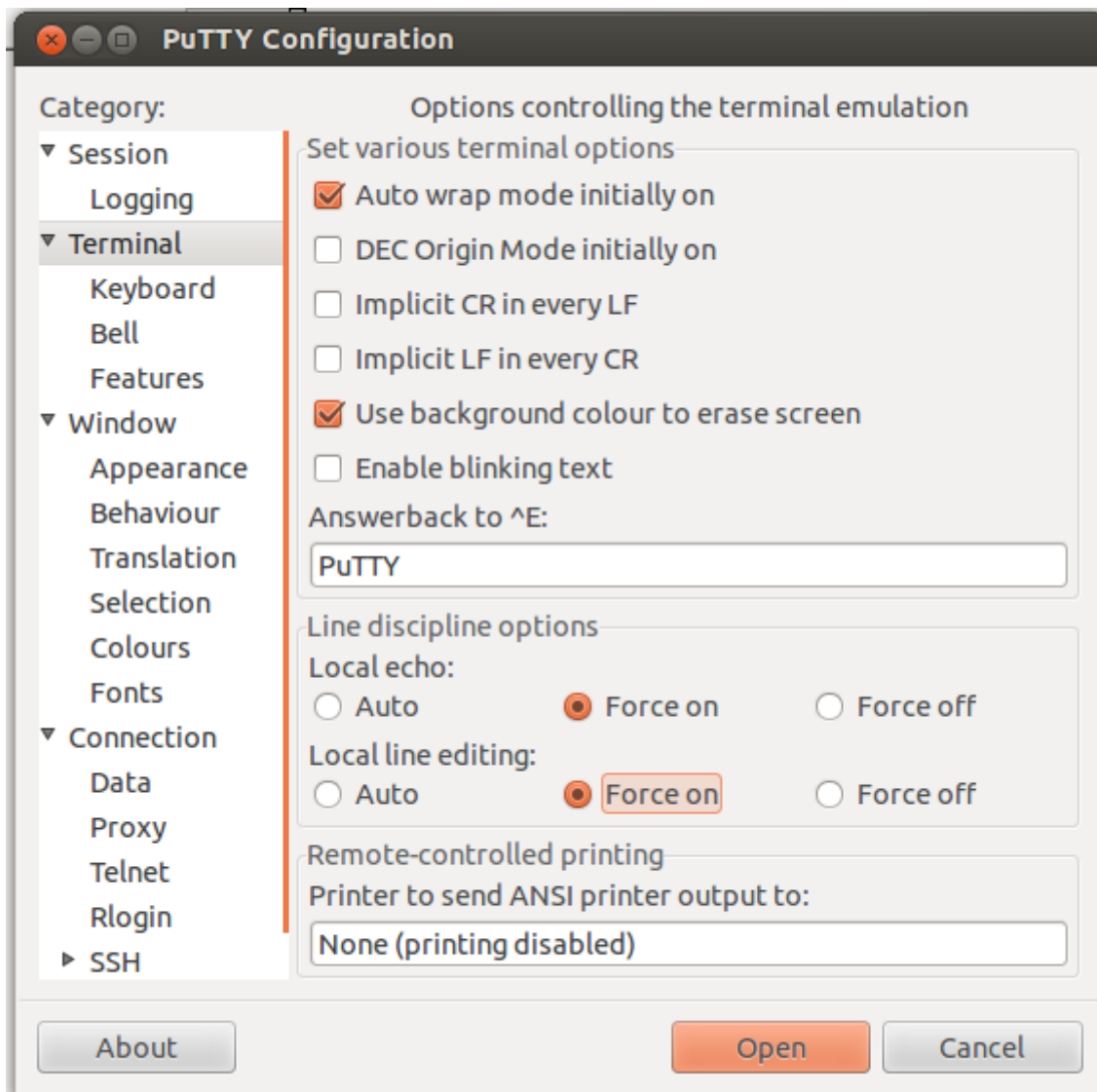
You can the GSM Modem port **ttyUSB0**. Now it is Confirm that our GSM modem port is **/dev/ttyUSB0**.

> Switch to the Putty window and fill the **/dev/ttyUSB0** in Serial Line text box. And under **Close on Window** -> **NEVER**

The screenshot shows the PuTTY configuration window. The 'Serial line' field is set to '/dev/ttyUSB0' and the 'Speed' is set to '9600'. Under 'Connection type', the 'Serial' option is selected with a radio button. The 'Close window on exit' section at the bottom has the 'Never' option selected with a radio button. The 'Default Settings' section is visible on the left, and 'Load', 'Save', and 'Delete' buttons are on the right.

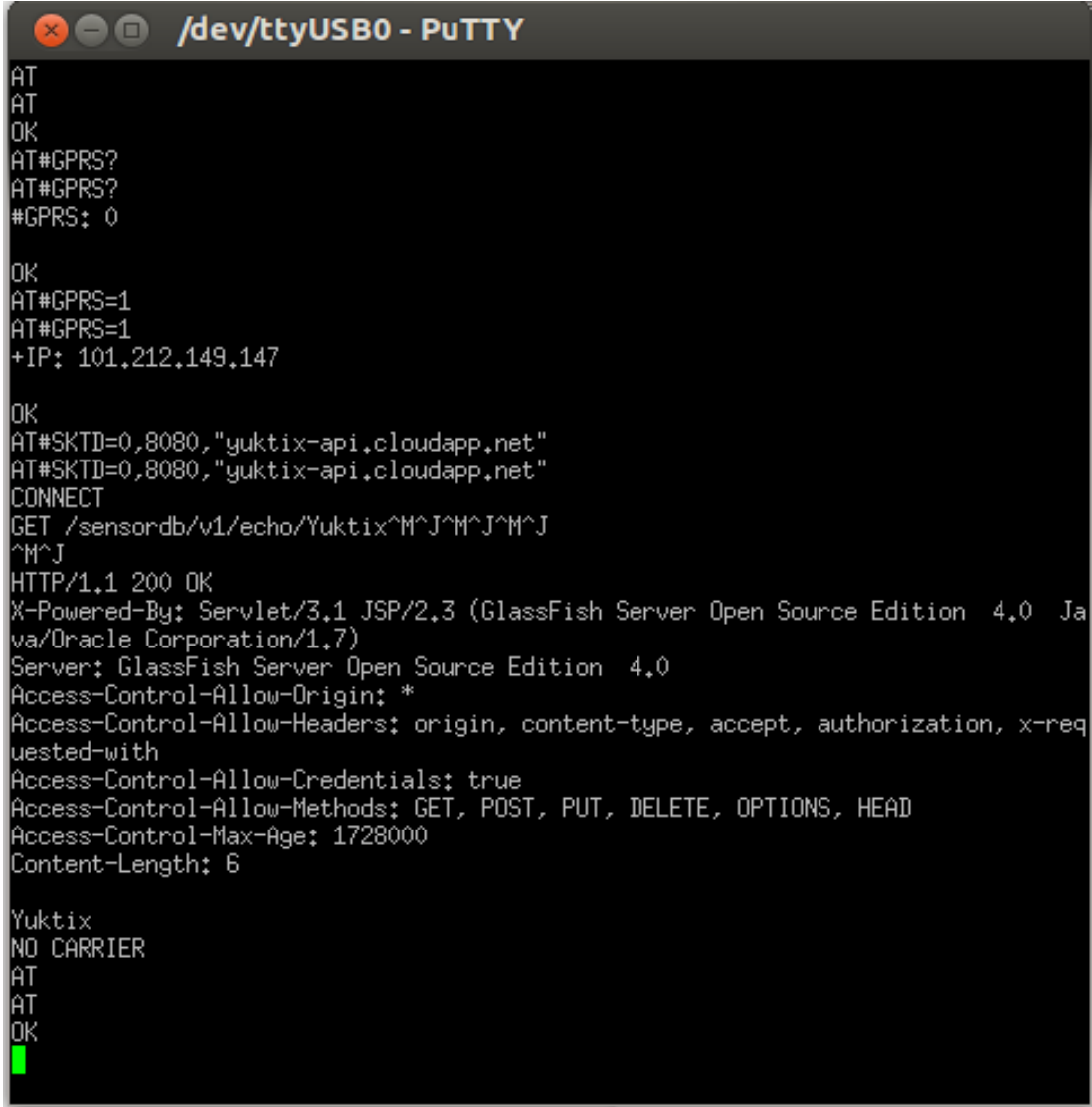
> Now on your Left Hand. Go to TERMINAL. Under **Line Discipline Options**,  
Local echo : Force on  
Local Line Editing : Force On

This will enable the Local Echo. When you CONNECT to any server using this feature you will be able to See where are you writing the Get request.



> That's it. Click On OPEN and start enjoying your Putty Serial client Terminal.

> Final SCREENSHOT of Putty Terminal .



```
AT
AT
OK
AT#GPRS?
AT#GPRS?
#GPRS: 0

OK
AT#GPRS=1
AT#GPRS=1
+IP: 101.212.149.147

OK
AT#SKTD=0,8080,"yuktix-api.cloudapp.net"
AT#SKTD=0,8080,"yuktix-api.cloudapp.net"
CONNECT
GET /sensordb/v1/echo/Yuktix^M^J^M^J^M^J
^M^J
HTTP/1.1 200 OK
X-Powered-By: Servlet/3.1 JSP/2.3 (GlassFish Server Open Source Edition 4.0 Java/Oracle Corporation/1.7)
Server: GlassFish Server Open Source Edition 4.0
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: origin, content-type, accept, authorization, x-requested-with
Access-Control-Allow-Credentials: true
Access-Control-Allow-Methods: GET, POST, PUT, DELETE, OPTIONS, HEAD
Access-Control-Max-Age: 1728000
Content-Length: 6

Yuktix
NO CARRIER
AT
AT
OK
```

Figure. Making an HTTP GET Request using Putty nad TELit GL868 DUAL modem.