How to Display the Barracuda UMTS Modem IMEI

https://campus.barracuda.com/doc/79462742/

If you want to get the IMEI and/or software version information of an attached USB UMTS modem (M10/M11), you can do so on the command line using minicom.

Step 1. Change the Minicom Serial Port to the UMTS Modem

1. Connect to your Barracuda Networks appliance on the shell as the *root* user.
2. Stop the UMTS connection with the command: `[root@ng:~]# /etc/phion/bin/openumts stop`
3. Start the minicom setup with the command: `[root@ng:~]# minicom -s` The text-based minicom menu is displayed.
4. Select **Serial port setup**.

```
+-----[configuration]------+
| Filenames and paths      |
| File transfer protocols  |
| Serial port setup        |
| Modem and dialing        |
| Screen and keyboard      |
| Save setup as dfl        |
| Save setup as..          |
| Exit                     |
| Exit from Minicom        |
+--------------------------+
```

5. Select **A >Serial Device** and change this to */dev/ttyUSB2* or */dev/ttyUSB1* depending on which USB port the modem is connected to.
6. Press **Enter**.

```
+-----------------------------------------------------------------------+
| A -    Serial Device      : /dev/ttyUSB2                              |
| B - Lockfile Location     : /var/lock                                 |
| C -   Callin Program      :                                           |
| D -  Callout Program      :                                           |
| E -    Bps/Par/Bits       : 115200 8N1                                |
| F - Hardware Flow Control : Yes                                       |
| G - Software Flow Control : No                                        |
|                                                                       |
|    Change which setting?                                              |
+-----------------------------------------------------------------------+
        | Screen and keyboard      |
        | Save setup as dfl        |
        | Save setup as..          |
        | Exit                     |
        | Exit from Minicom        |
        +--------------------------+
```

7. Select **Save setup as dfl**.
8. Select **Exit from Minicom**.

This setting is now configured as default for minicom.

Step 2. Enter the AT Command to Display the Modem Details

1. Start minicom with the default settings:
   `[root@ng:~]# minicom`
2. Enter the AT command:
   ATI.
   If you want the software version also enter
   AT+LCTSW
   The output will be shown as follows:

```
Welcome to minicom 2.3

OPTIONS: I18n
Compiled on Aug 29 2008, 07:16:49.
Port /dev/ttyUSB2

                Press CTRL-A Z for help on special keys

AT S7=45 S0=0 L1 V1 X4 &c1 E1 Q0
ERROR
ATI
Manufacturer: Manufacturer
Model: HSPA USB MODEM
Revision: LQAIT01.1.0_MG24
IMEI: 866285010156412
+GCAP: +CGSM,+DS,+ES

OK
AT+LCTSW
SoftwareVersion: LQAIT01.1.0_MG24
InnerVersion: LQAIT01_240085_6.2.1W0427_EFS1.0


OK
```

3. To leave minicom, press **Ctrl+a** and **z** and select **q** to exit.

Step 3. Restart the UMTS Connection

Restart the UMTS connection:
`[root@ng:~]# /etc/phion/bin/openumts start`

Figures

1. minicom1.png
2. minicom2.png
3. minicom-input.png

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