

EM4412 3G Settings Instructions

Platform: EM4412

Operation system: Android 4.4.4

Setting items: APN, Dial number, user name, password.

Step 1, Modify the **wcdma script** of file system. (Modify user name and password).

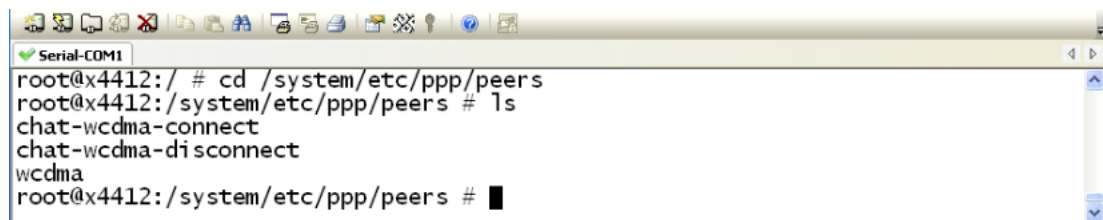
Path: /system/etc/ppp/wcdma.

Connect the EM4412 and PC with the serial cable, start up the board and into the file system to modify the wcdma script.

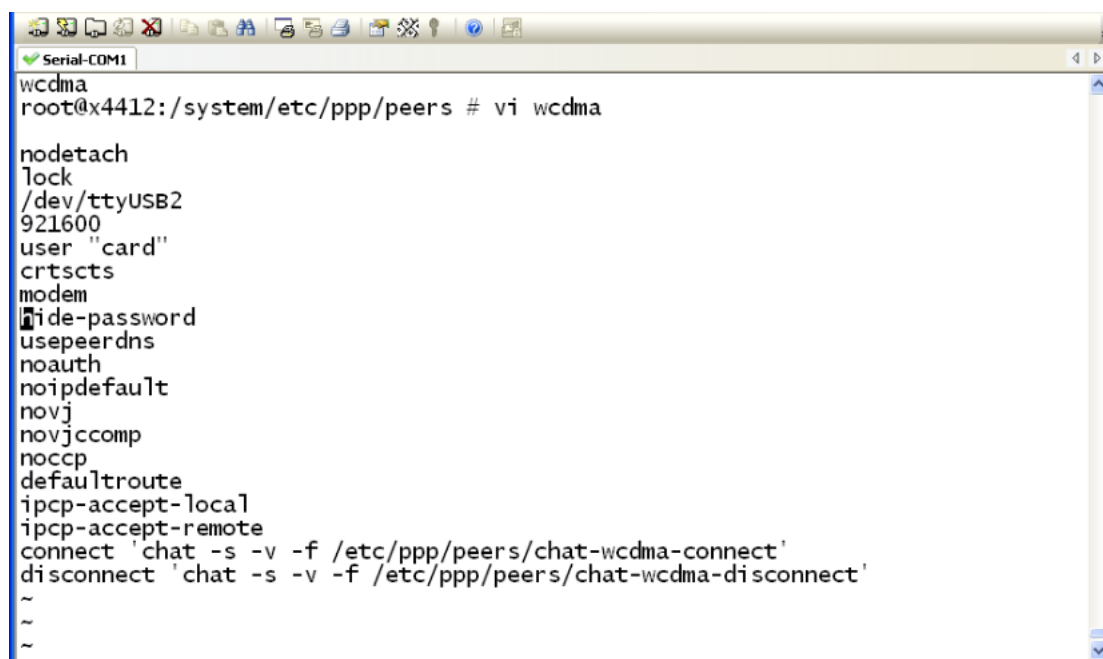
Execute the commands to enter the Peers directory and open WCDMA script

```
# cd /system/etc/ppp/peers
```

```
# vi wcdma
```



```
Serial-COM1
root@x4412:/ # cd /system/etc/ppp/peers
root@x4412:/system/etc/ppp/peers # ls
chat-wcdma-connect
chat-wcdma-disconnect
wcdma
root@x4412:/system/etc/ppp/peers #
```



```
Serial-COM1
wcdma
root@x4412:/system/etc/ppp/peers # vi wcdma

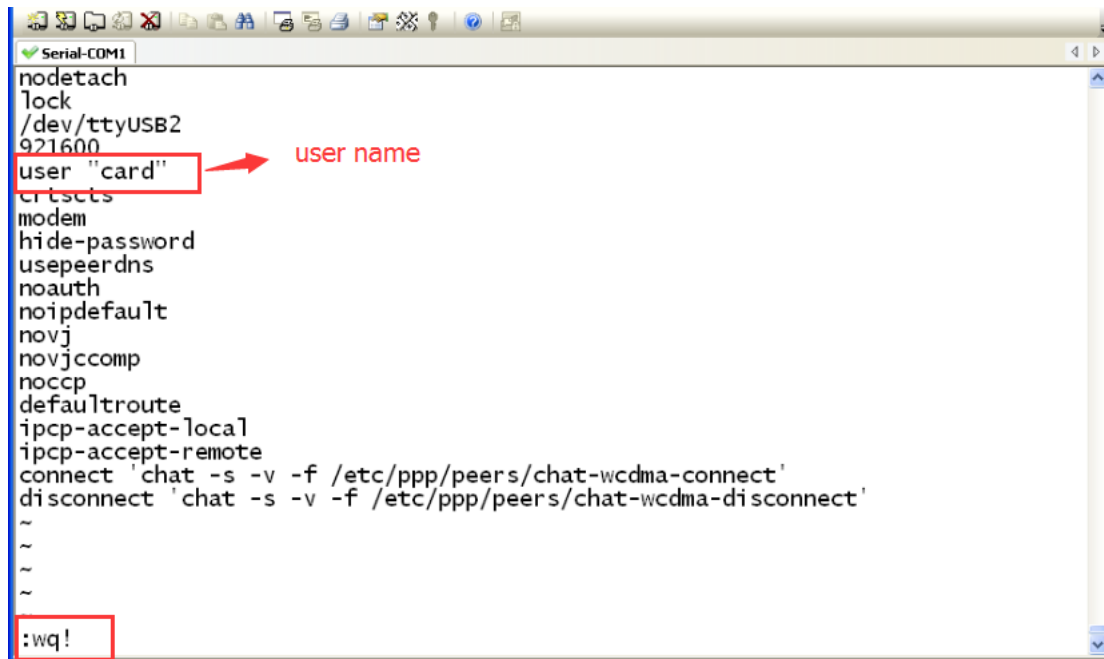
nodetach
lock
/dev/ttyUSB2
921600
user "card"
crtscts
modem
hide-password
usepeerdns
noauth
noipdefault
novj
novjccomp
noccp
defaultroute
ipcp-accept-local
ipcp-accept-remote
connect 'chat -s -v -f /etc/ppp/peers/chat-wcdma-connect'
disconnect 'chat -s -v -f /etc/ppp/peers/chat-wcdma-disconnect'
~
~
~
```

Press "i" to edit the script.

E.g the IPS is **WCDMA**, leave the user name / password blank.

China Network				
ISP	APN	Dial Number	User name	Password
WCDMA (China Unicom)	3GNET	*99#	null	null

CDMA2000 (China Telecom) EVDO network	null	#777	ctnet@mycdma.cn	vnet.mobi
1X network	null	#777	card(CARD)	card(CARD)
TD-SCDMA (China Mobile)	CMNET	*98*1#	null	null
GPRS (China Mobile)	CMNET	*99***1#	null	null



```

Serial-COM1
nodetach
lock
/dev/ttyUSB2
921600
user "card"
crtscts
modem
hide-password
usepeerdns
noauth
noipdefault
novj
novjccomp
noccp
defaultroute
ipcp-accept-local
ipcp-accept-remote
connect 'chat -s -v -f /etc/ppp/peers/chat-wcdma-connect'
disconnect 'chat -s -v -f /etc/ppp/peers/chat-wcdma-disconnect'
~
~
~
:wq!

```

After modify the user name and password, press “ESC” to exit.

Then input “:wq!” to save the editing.

Step 2, Modify the chat-wcdma-connect script. (Modify APN and Dial number)

Path: /system/etc/ppp/chat-wcdma-connect.

Execute the commands to enter the Peers directory and open chat-wcdma-connect script.

cd /system/etc/ppp/peers

vi chat-wcdma-connect

Input “i” to edit the script.

```
Serial-COM1
wcdma
root@x4412:/system/etc/ppp/peers # vi chat-wcdma-connect
ABORT 'NO CARRIER'
ABORT 'ERROR'
ABORT 'NO DIALTONE'
ABORT 'BUSY'
ABORT 'NO ANSWER'
'' AT
OK ATZ
OK AT+CGDCONT=1,\"IP\" \"3gnet\",,0,0
OK AT+CFUN=1
OK ATDT*99#
CONNECT
~
~
~
~
~
~
~
~
~
~
:wq!
```

After modify the APN and Dial number, press “ESC” to exit

And input “:wq!” to save the editing.

Step 3, Execute the command to call wcdma.

```
#pppd call wcdma &
```

Then you can successfully connect to internet and browse the web.