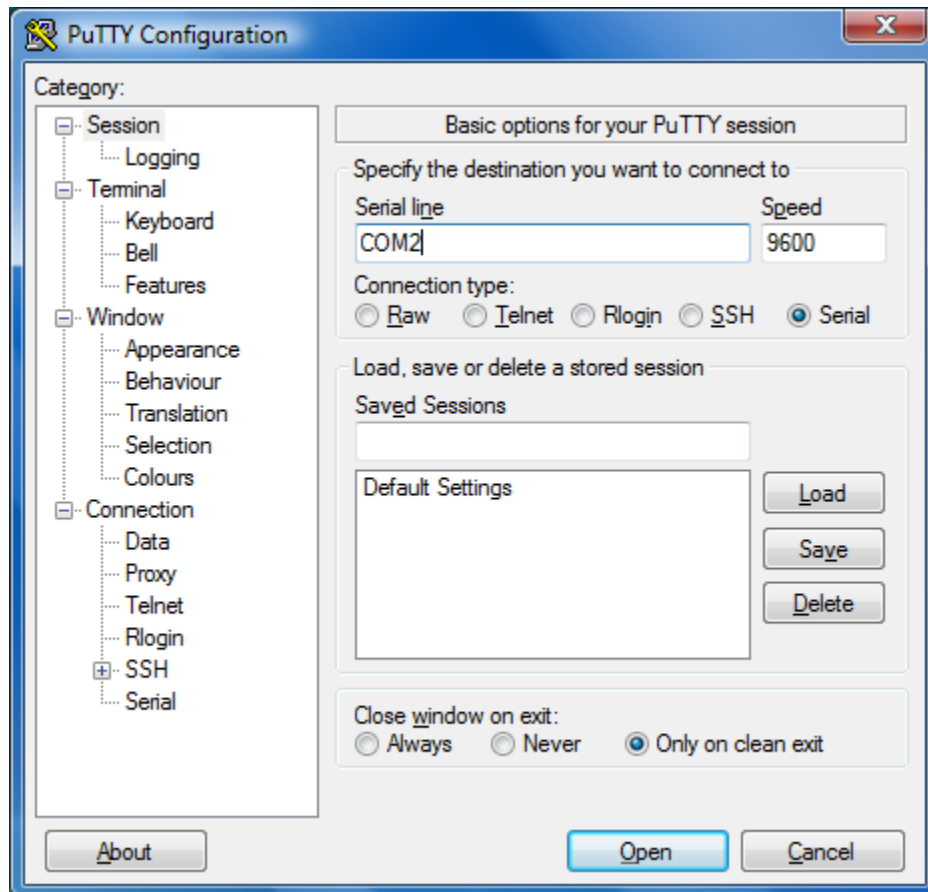## Connection TO EnodeB

LMTA ⊟ **serial cable (one end is serial and other is Ethernet)**

LMTB ⊟ **Ethernet cable**

Launch putty and make sure which serial port you are connecting and enter the comport name and speed press connect.
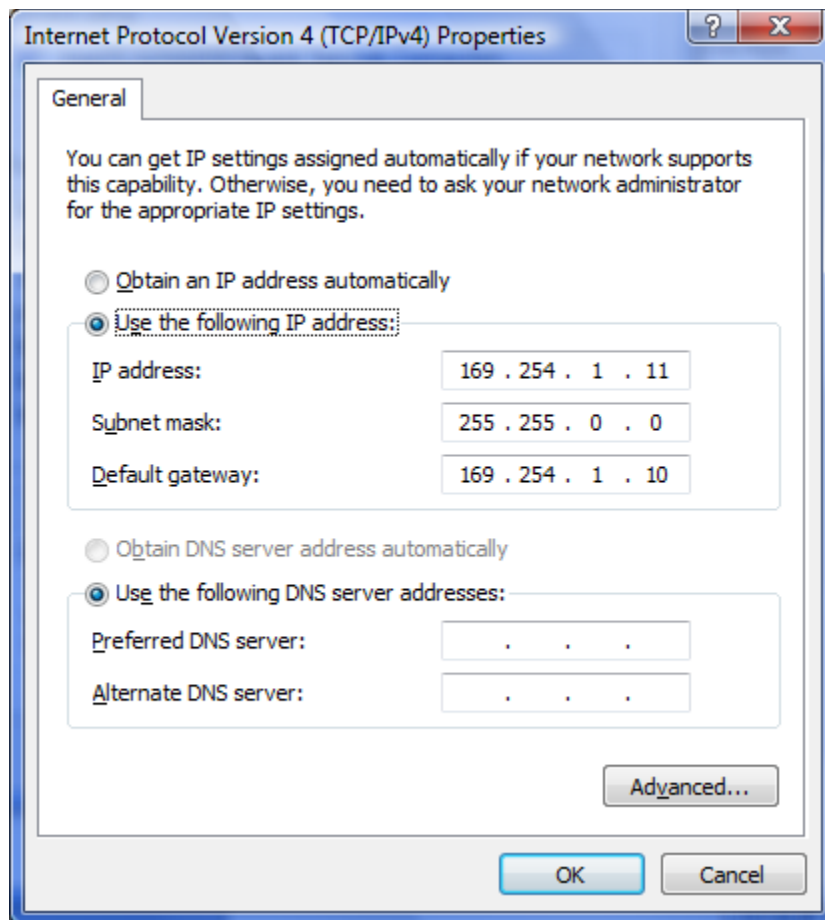

2. Now set the laptop IP address as below

RBS Ethernet IP Address = 169.254.1.10
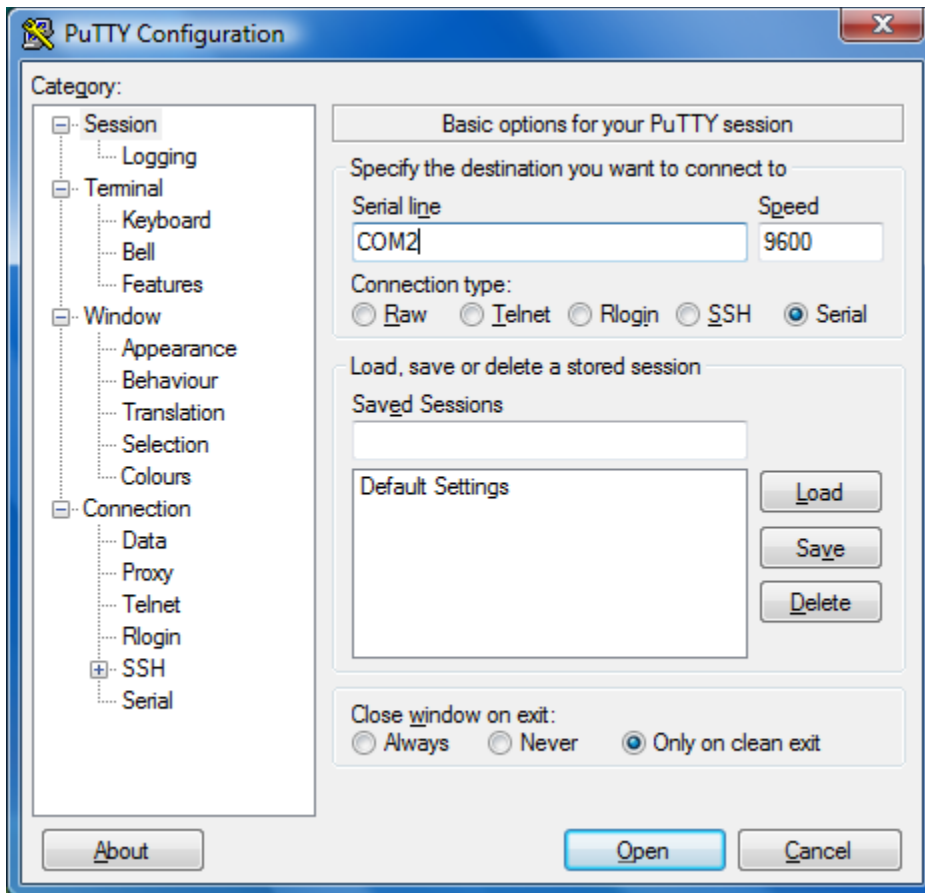Laptop (Thin Client) IP Address = 169.254.1.11

As the laptop terminal is connected to rbs that's why its gateway is rbs ip.

Now laptop is configured to use with EMAS.

Preparing The DUL for initial configuration

1. Connect the DUL/DUW to laptop via serial cable

PuTTY Configuration

Category:

- Session
  - Logging
- Terminal
  - Keyboard
  - Bell
  - Features
- Window
  - Appearance
  - Behaviour
  - Translation
  - Selection
  - Colours
- Connection
  - Data
  - Proxy
  - Telnet
  - Rlogin
  - SSH
  - Serial

Basic options for your PuTTY session

Specify the destination you want to connect to

Serial line   Speed
COM2   9600

Connection type:
Raw   Telnet   Rlogin   SSH   Serial

Load, save or delete a stored session

Saved Sessions

Default Settings   Load
                          Save
                          Delete

Close window on exit:
Always   Never   Only on clean exit

About   Open   Cancel

Step 2 ⊟ restart the RBS in backup mode

Reload –

Step 3 ⊟ check if C2 drive is mounted to the disk or not

Vols

If not mounted go to step 4

Step 4 ⊟ mount_c2

Step5 ⊟ format partitions

formathd /d

formathd /C2

Restart the rbs in backup mode

Reload –

Set the ip configuration using ifconfig

Ifconfig le0 169.254.1.10 255.255.0.0

LOAD The BASIC PACKEGE

1. Launch WS_FTP pro software
2. Use the binary transfer mode in ftp client for all the transfers
3. Connect to the RBS using ip address 169.254.1.10
4. Enter username rbs and password rbs
5. copy the c2 and d directory from the client to root directory of Enodeb
6. close the ftp client
7. reload –

DOWNLOAD AND INSTALL EMAS

http://169.254.1.10/em/index.html

169.254.1.10 is the ip address of Enodeb

Connect to the node through EMAS

In the address field type the ip address of Enodeb and in the name field type the name of Enodeb (give a unique name)

 Click add button then you will see a new nodeb n ame appear in the window click on the name and click connect

Connect to Network Element

Connect to Network Element:
Select an address from the list or type it in the text field below.

All Nodes | Favorites

Address *	Name	Comment
169.254.1.1	RBS_default	
169.254.1.10	LTE eNB default	

Remove

Address *	Name	Comment
169.254.1.1	RBS_default	

Add

Connect   Cancel

ERICSSON

The software in the enodeb may need to be updated

Before updating software u first change the security mode to unsecure use serial connection putty any type

- o ***secmode –f u***

now open the EMAS and click on the software on the drop down menu and select up tab

Click on create UP

Now you will see

Here you need to fill in the following information :

userLabel : CXP102051%18_R21DH (Unique name of the upgrade package)

ftpserverIpAddress : 169.254.11 (The IP address of your laptop)

user : anonymous (User name)

password : anonymous (Password)

upFilePathOnFtpServer : (Location of the .xml file on your laptop)

now click on create package, after the package has been created click on install package

Then click on hard upgrade, then eNodeb will be upgraded. It will take 30 minutes for software loading.

Once the software is loaded it will ask for confirmation

Before confirming change the security mode setting to secure mode else auto integration will not be possible.

Go to putty type

Secmode –f s

 Then confirm the upgrade by clicking on confirm upgrade.

AUTO INTEGERATION

Now after software loading its time for auto integration

Log in to the emas using Enodeb ip 169.254.1.10 now select **Containment (mom based)**
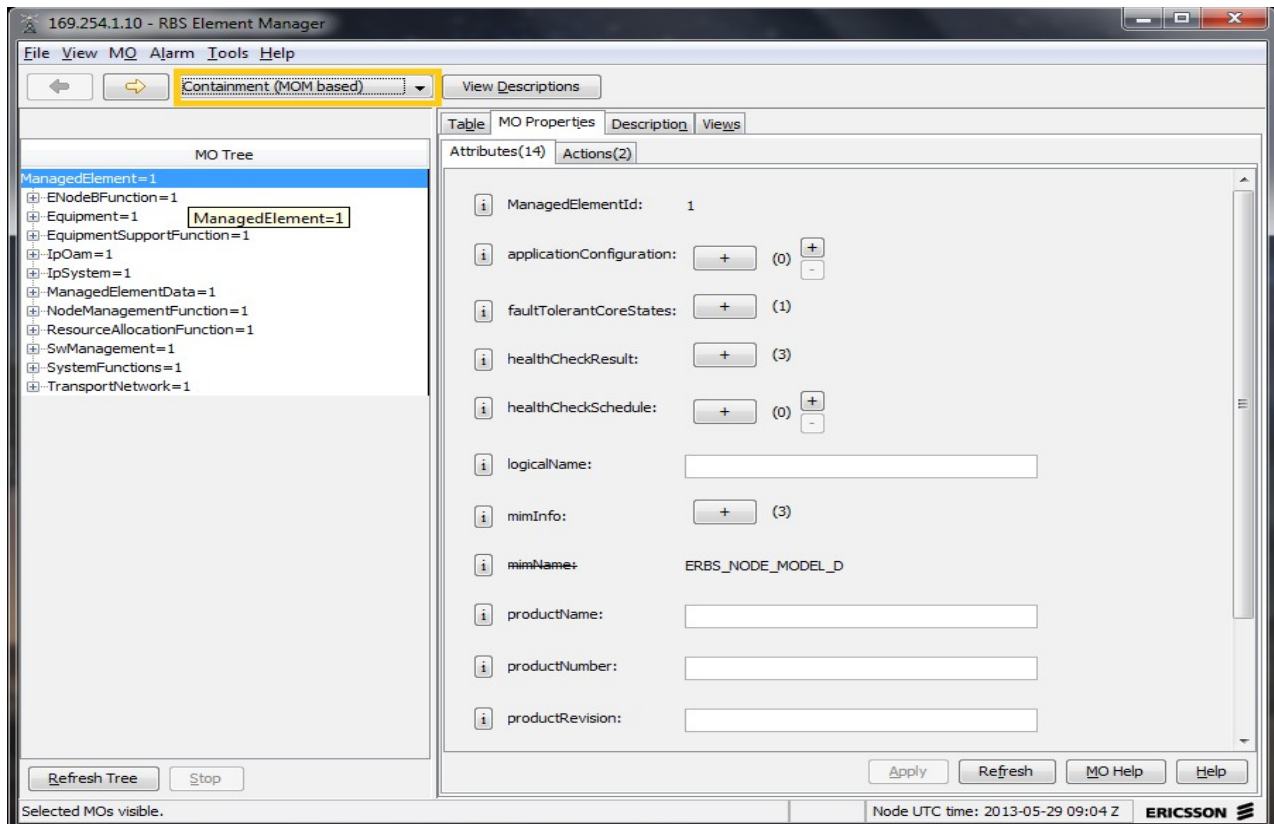
IN the MO tree select "**Managed equipment data**"

Set "**Autoconfiguration allowed**" to yes and the apply

Click refresh until Autoconfiguration status become idle
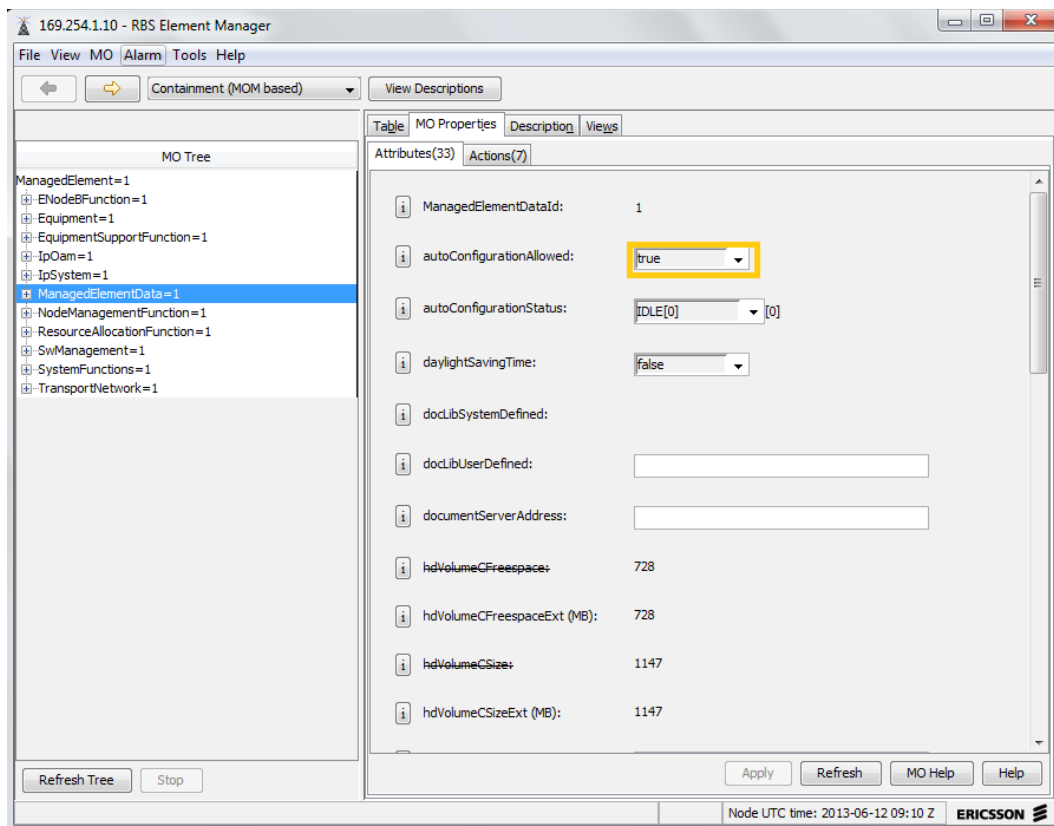
Now you have to launch "**Integrate RBS wizard"**

Tools□ integrate RBS

In the File path field, browse to the location of the Site Install file and click on Open.

The SiteInstall file for DU1 will be named <SiteID>_DUL1_SiteInstall.xml

The SiteInstall file for DU2 will be named <SiteID>_DUL2_SiteInstall.xml

Username and password will be supplied to you.

Click **Next** to go to the **Network configuration data** page.

Don't change any details on this page.

Click **Next** to go to the **Configuration files date** page.

Make sure all the file path are empty here and there should not be any data.

Click next to go on cabinet data here you will fill cabinet related data like product name , number,serial number and revision number etc

After that click on Start integration
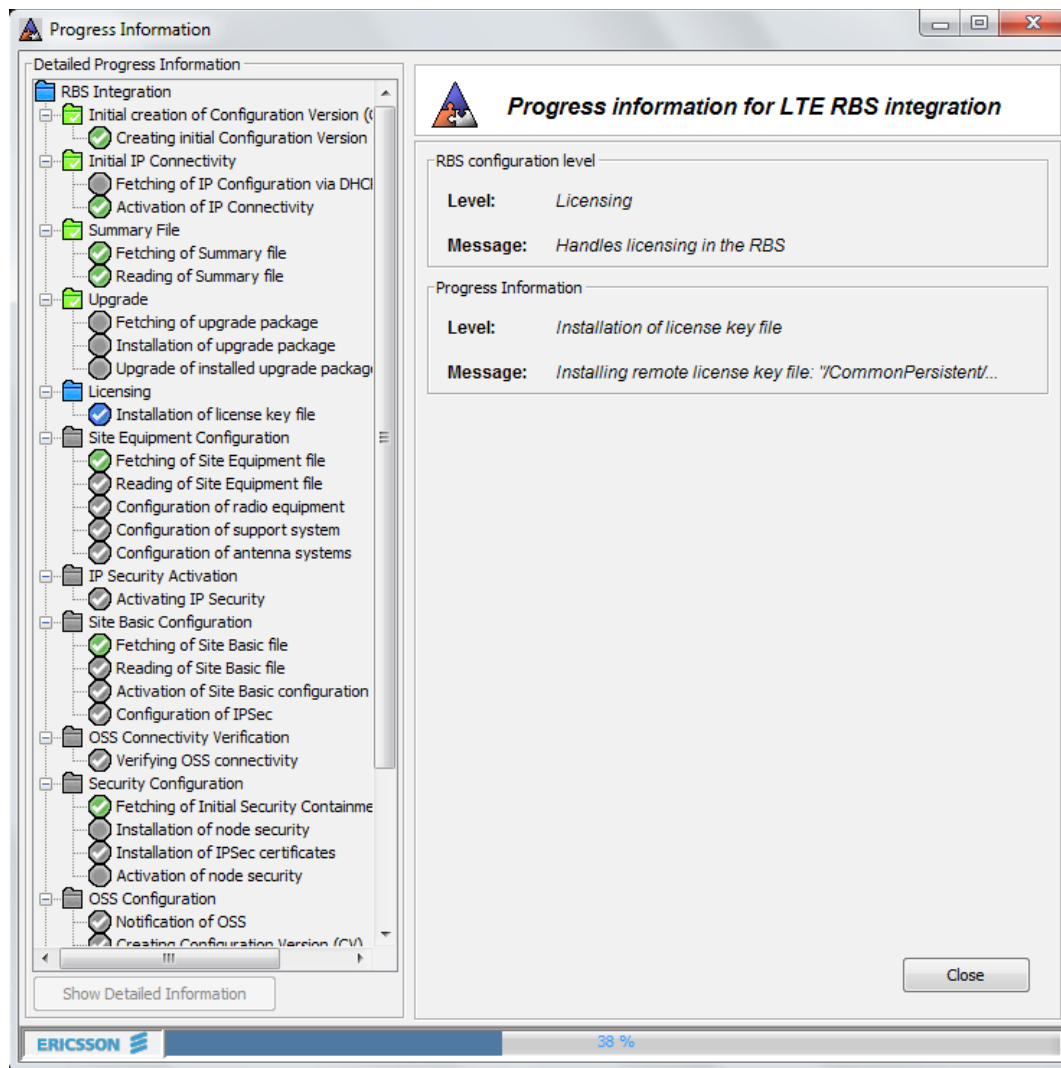
When the process reached 82 or 94 pecent OSS engineer will do some configuration and then you will receive message Site integration complete.