**Before starting the process, install below software and tools:**

* Download MobaXterm\_Portable\_v21.5 link below

<https://broadbandforum.co/forum-uploads/offer.php?link=https%3A%2F%2Fmobaxterm.mobatek.net%2Fdownload-home-edition.html>

* Install pycryptodome in CMD (Command Prompt)

Open CMD and run below command and exit.

pip install pycryptodome

**Now, start with Router unlocking process:**

1. Open 192.168.1.1 in any browser  
   default username password both is **admin**
2. Go to Maintenance-> backup and restore-> export config file on your desktop  
   it will be saved as config.cfg
3. Open cmd and type

cd Desktop

python nokia.py

python nokia.py -d OYdLWUVDdKQTPaCIeTqniA==

* Now unpack you cfg file to xml and type

python nokia.py -u config.cfg

1. A new file is created on your desktop .xml format. Right click & select edit.

* Press Control + F and type TelnetSshAccount in searchbox then hit enter

**Now change the values same as below:**

<TelnetSshAccount. n="TelnetSshAccount" t="staticObject">

<Enable rw="RW" t="boolean" v="True"></Enable>

<UserName ml="64" rw="RW" t="string" v="admin"></UserName>

<Password ml="64" rw="RW" t="string" v="OYdLWUVDdKQTPaCIeTqniA==" ealgo="ab"></Password>

Now save the file and close it.

1. Go back to cmd & check for repack command to encrypt the edited xml file back to cfg and type

python nokia.py -ple config-XXXXXXX-XXXXXX.xml 0x4924ea42

* A new cfg file will be created on your desktop.

1. Now go back to router login page 192.168.1.1

* Go to Maintenance-> backup and restore & click "select" then browse newly created cfg file from your desktop then click import.

Wait for the router to reboot itself.

1. Now login again 192.168.1.1

Go to Security->Access control and allow both telnet & ssh (Wan & Lan)

1. Open Mobaxterm & click on Start local terminal and type

telnet 192.168.1.1

user: admin

password: admin

1. After that lets first copy this in your clipboard: '; /bin/sh; #

* Go back to Mobaxterm and type

enable

shell

It will ask for password2, press SHIFT+ INSERT and hit ENTER button.

Again hit ENTER

BOOM now you've root access.

* To take backup of your current Airtel settings, type

cfgcli dump

ritool dump

& save the file, Terminal-> Save terminal text.

* now to unlock settings, type

ritool set OperatorID ALCL

1. Now, Go back to your router login on your browser 192.168.1.1 and everything is unlocked.

**Note: If you plan to stick with everything unlocked using airtel fiber then let it as it is.**

**Note: If you want to use this router with any other fiber connection just do a factory reset.**

Doing a factory reset will erase, reset & unlock everything.

The default router login address will change to **192.168.1.254**

Username: **AdminGPON**

Password: **ALC#FGU**

**Enjoy, Please Like share and subscribe the channel for more technical videos.**