

SETUP NANO STATION 2 AS STATION MODE

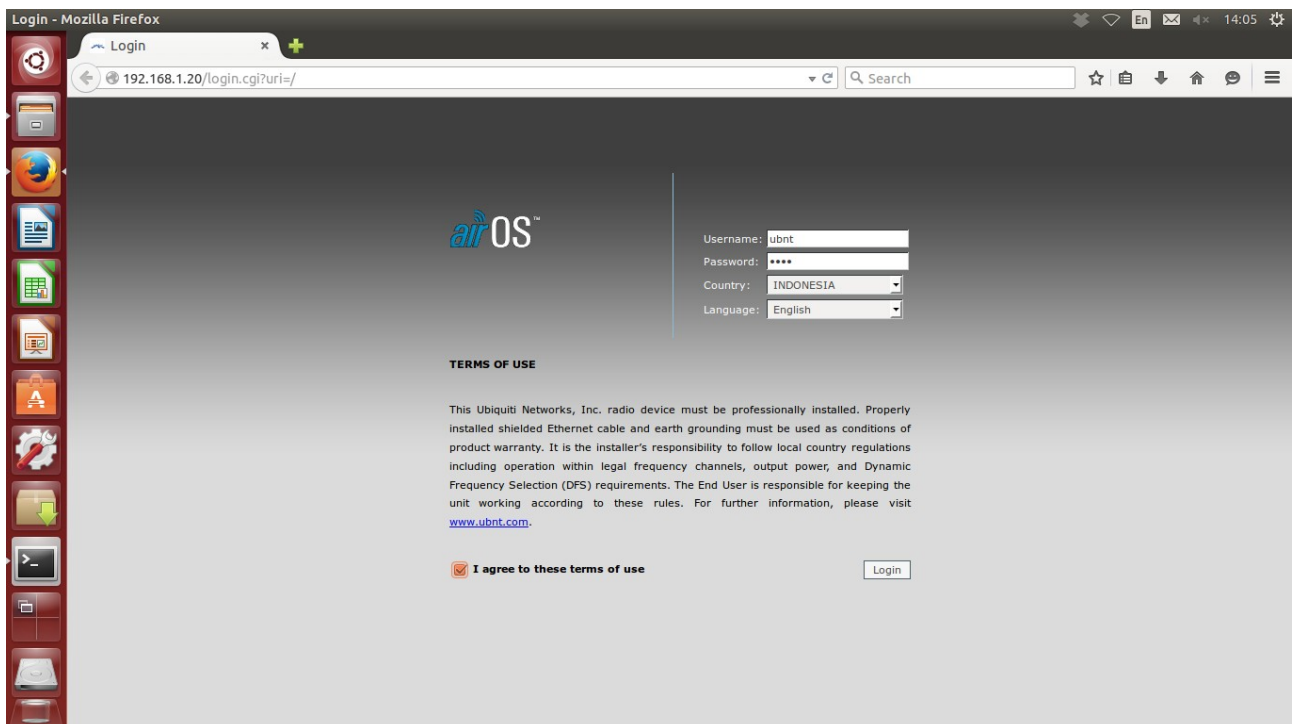
Note : Topology (AP -- NS2 -- Client).

Client / 192.168.50.0/24

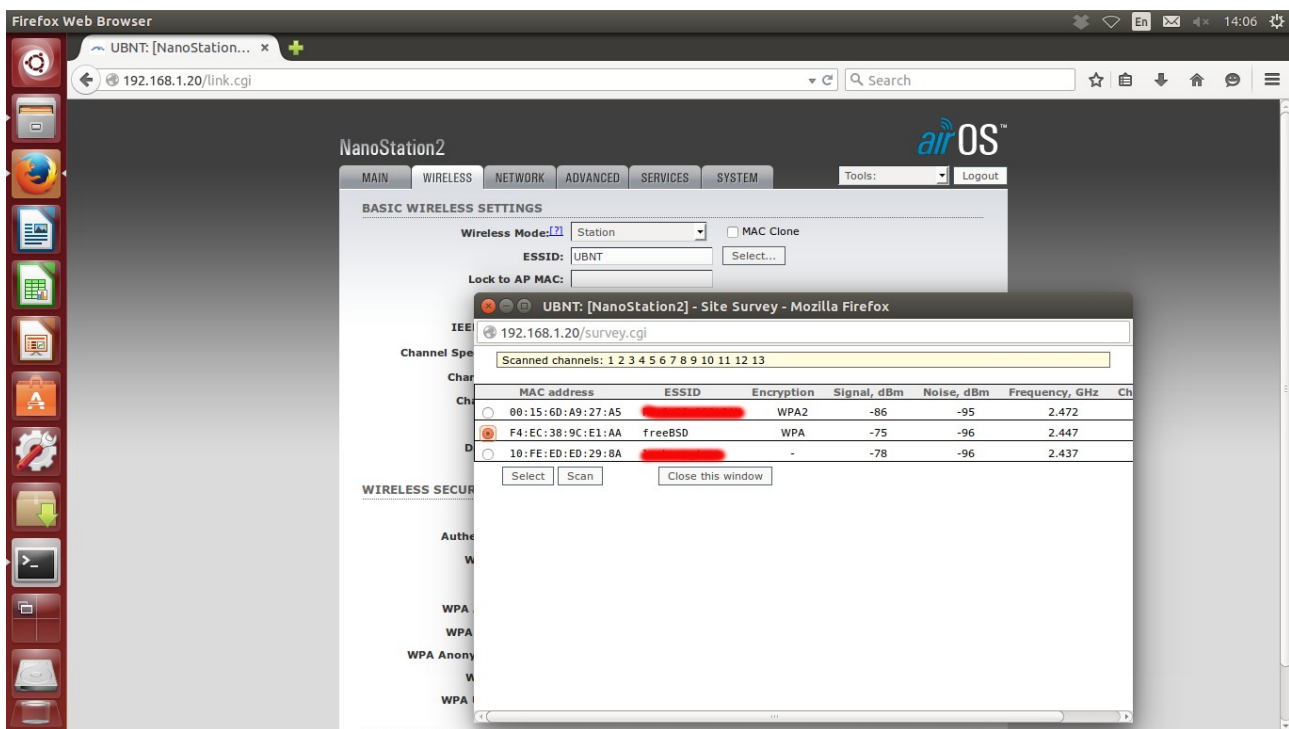
NS2 LAN / 192.168.50.1

NS2 WLAN / scan site survey.

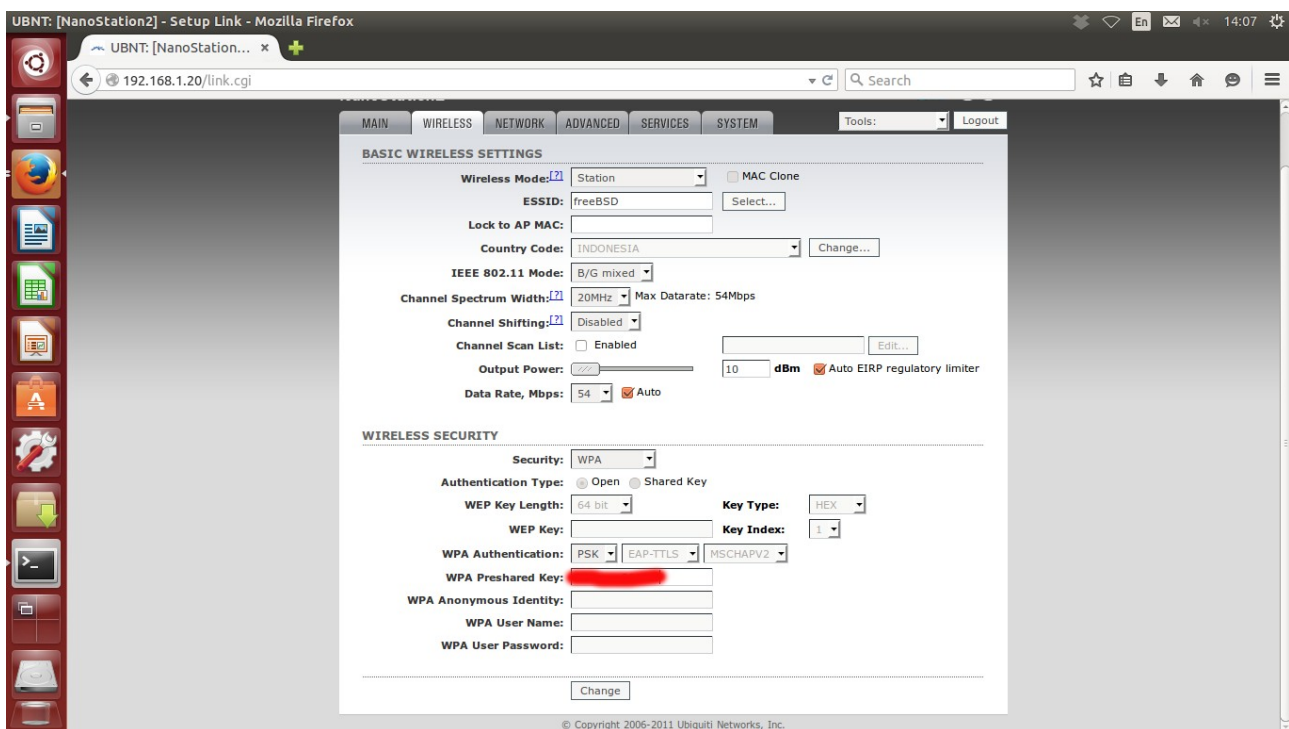
1. login to ns2, default ip 192.168.1.20, user & pwd default ubnt.



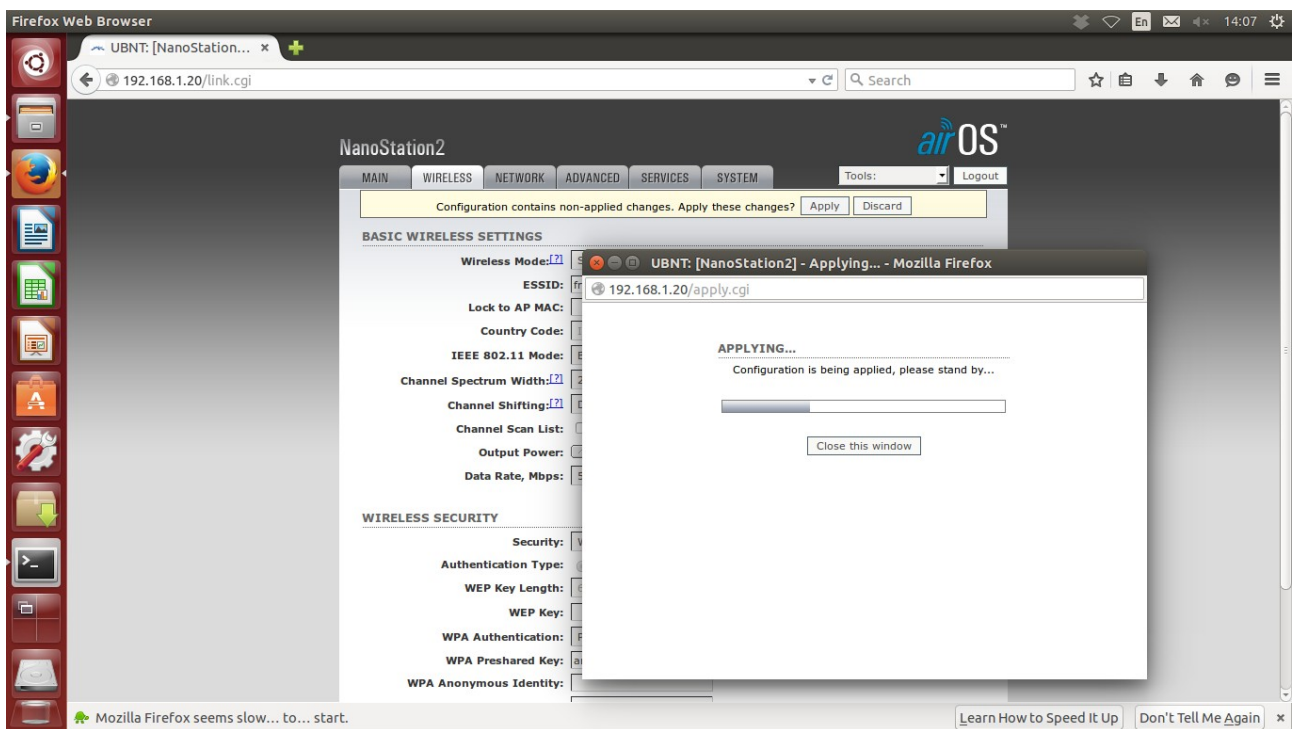
2. set wireless as station mode, scan & select SSID.



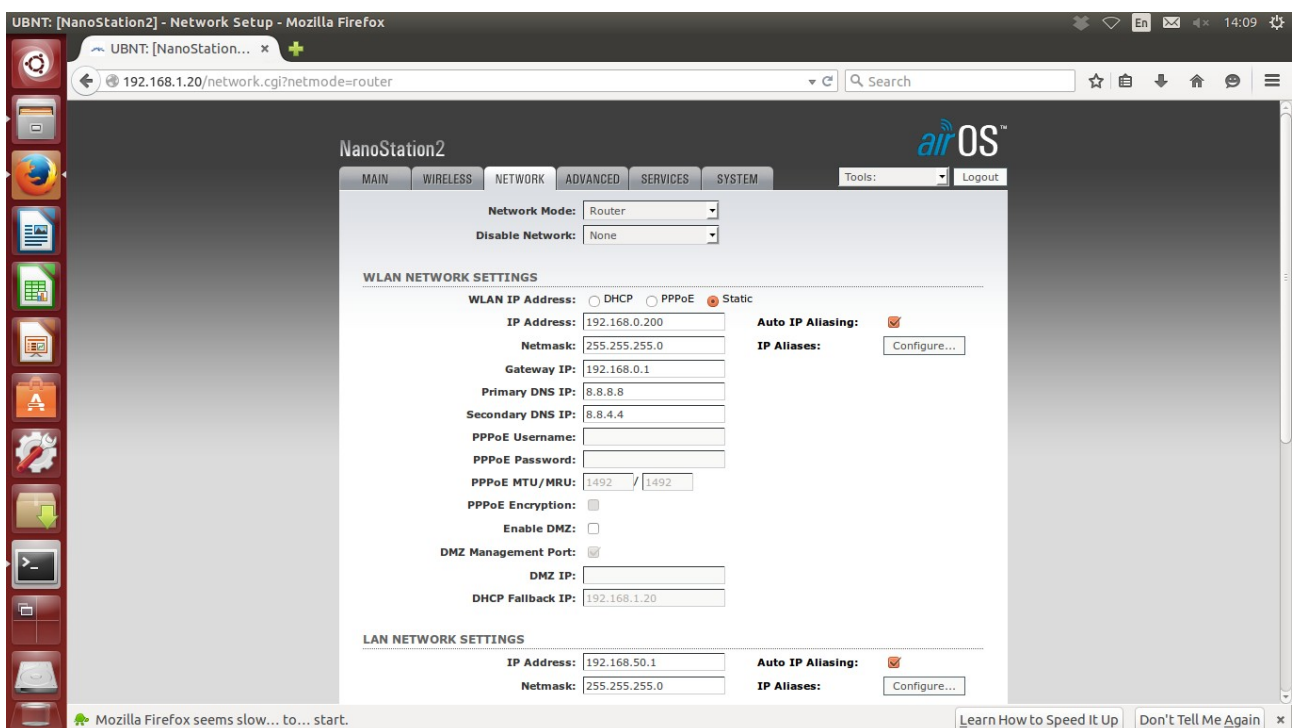
3. set key & etc.



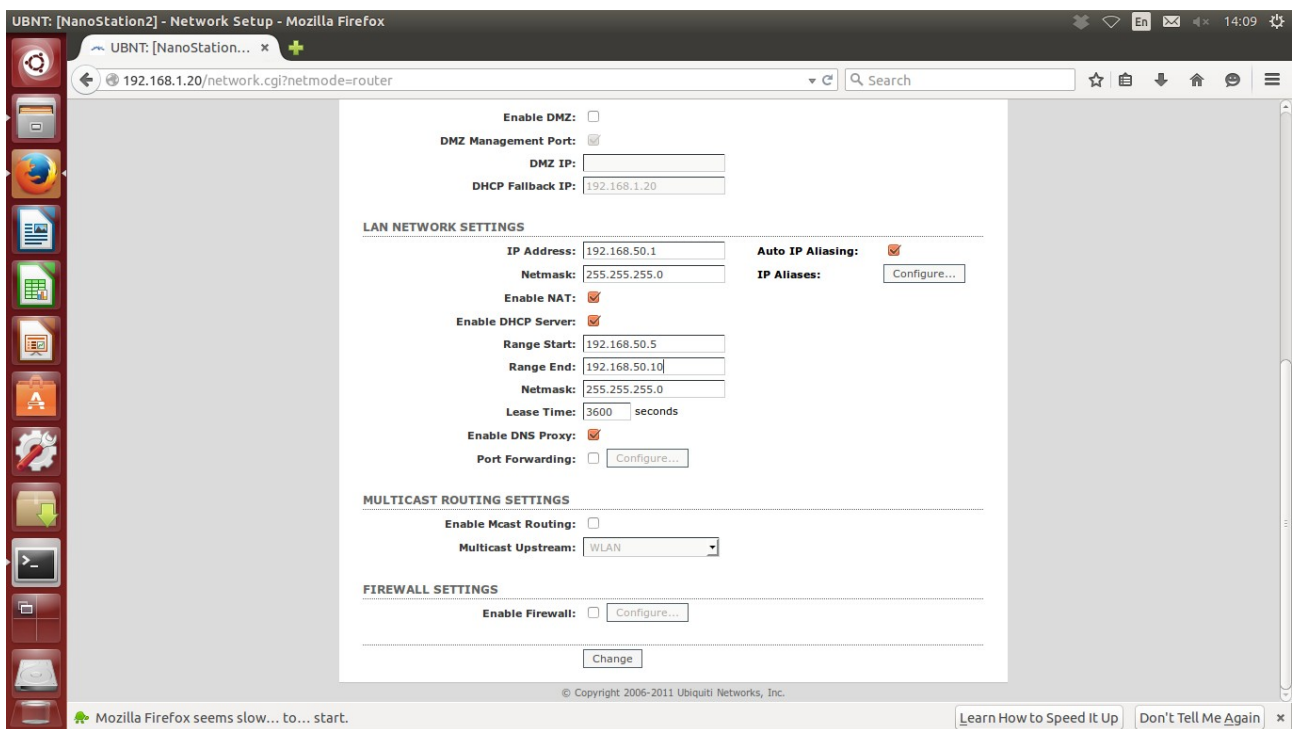
4. apply change.



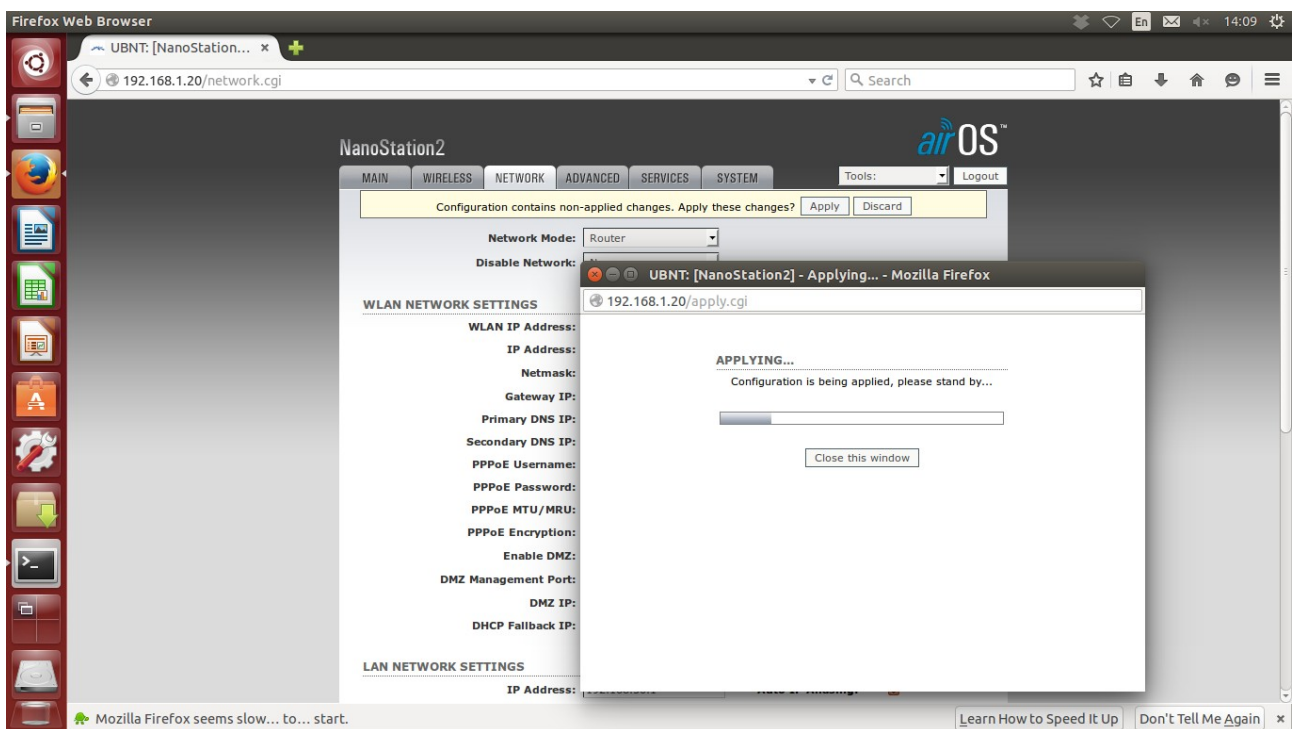
5. set network mode as router, etc depend on your needs, if you don't know WLAN info just set to DHCP.



6. set network LAN.



7. apply change.



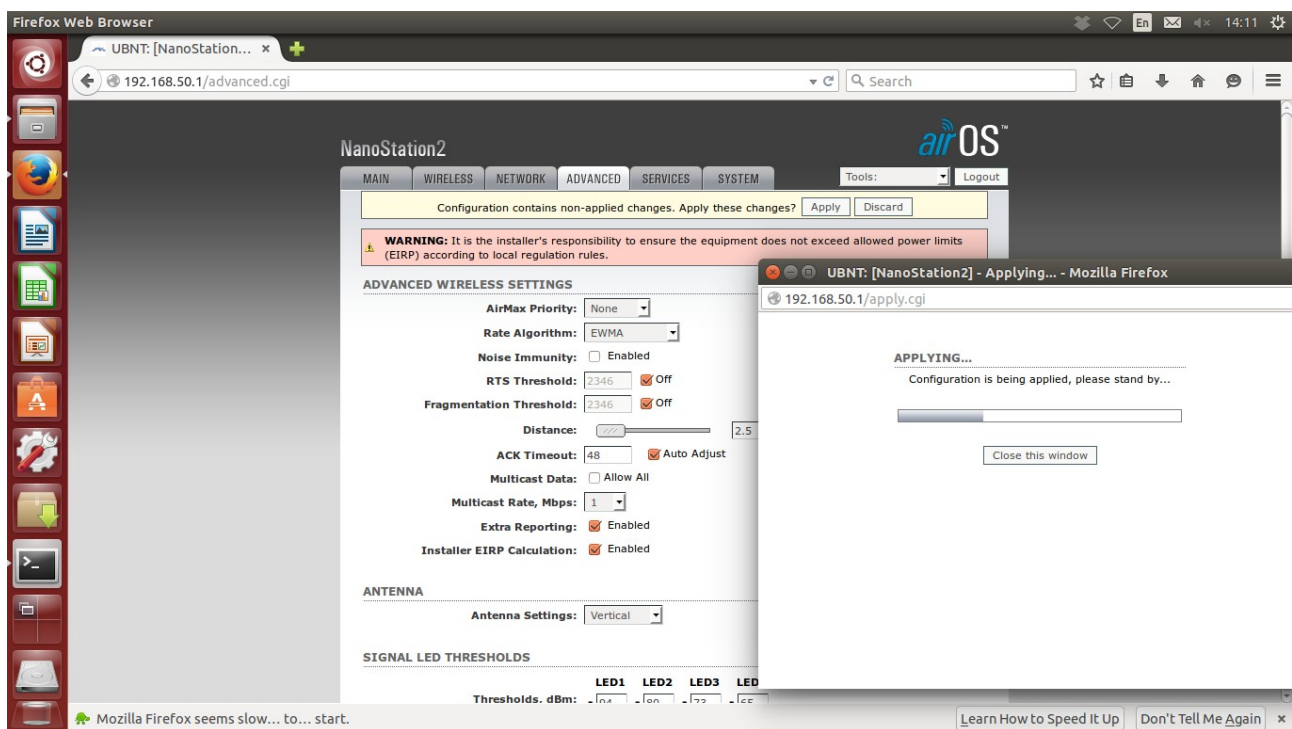
8. tes client, set on dhcp.

```
root@cavs: /home/padli
root@cavs:/home/padli# ifconfig
eth0      Link encap:Ethernet  HWaddr 14:da:e9:ad:9f:bc
          inet addr:192.168.50.8  Bcast:192.168.50.255  Mask:255.255.255.0
          inet6 addr: fe80::16da:e9ff:fead:9fbc/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:58193 errors:0 dropped:3 overruns:0 frame:0
          TX packets:42480 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:61850636 (61.8 MB)  TX bytes:23095787 (23.0 MB)

lo        Link encap:Local Loopback
          inet addr:127.0.0.1  Mask:255.0.0.0
          inet6 addr: ::1/128 Scope:Host
          UP LOOPBACK RUNNING  MTU:65536  Metric:1
          RX packets:2868 errors:0 dropped:0 overruns:0 frame:0
          TX packets:2868 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:233761 (233.7 KB)  TX bytes:233761 (233.7 KB)

root@cavs:/home/padli#
```

9. login ns2 on LAN (192.168.50.1), set advance depend on your needs & apply change.



10. cek status.

The screenshot shows the NanoStation2 web interface in a Mozilla Firefox browser. The browser's address bar displays `192.168.50.1/index.cgi`. The interface has a sidebar with various icons and a main content area with tabs: MAIN, WIRELESS, NETWORK, ADVANCED, SERVICES, and SYSTEM. The 'STATUS' tab is selected, showing configuration details for the Base Station SSID (freeBSD), Signal Strength (-71 dBm), AirMax Quality, TX Rate (24 Mbps), Frequency (2447 MHz), Antenna (Vertical), Security (WPA), Transmit CCQ (100%), Uptime (00:08:28), LAN Cable (ON), LAN MAC (DC:9F:DB:A5:E1:5B), WLAN MAC (DC:9F:DB:A4:E1:5B), AP MAC (F4:EC:38:9C:E1:AA), AirMax (Disabled), AirMax Capacity, RX Rate (36 Mbps), Channel (8), Noise Floor (-96 dBm), ACK Timeout (27), QoS Status (No QoS), Date (2012-04-23 10:07:22), Host Name (UBNT), LAN IP Address (192.168.50.1), and WLAN IP Address (192.168.0.200). Below the status section, there are LAN and WLAN statistics tables.

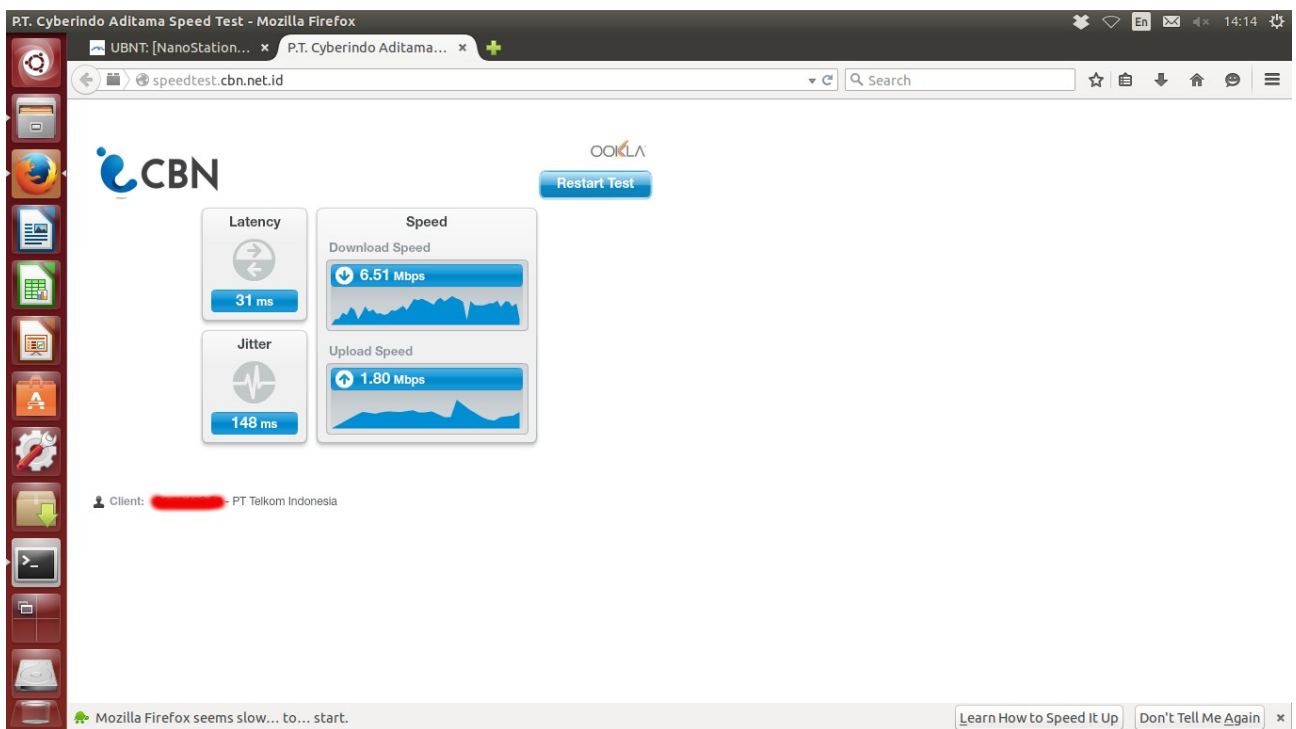
	Bytes	Packets	Errors
Received:	3125387	6196	0
Transmitted:	11151397	9762	0

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11. if signal poor, fix it on tools antenna alignment.

The screenshot shows the NanoStation2 web interface in a Mozilla Firefox browser. The browser's address bar displays `192.168.50.1/system.cgi`. The interface has a sidebar with various icons and a main content area with tabs: MAIN, WIRELESS, NETWORK, ADVANCED, SERVICES, and SYSTEM. The 'FIRMWARE' tab is selected, showing the Firmware Version (XS2.ar2316.v4.0.2.4996.120423.0955) and an 'Upgrade...' button. A modal window titled 'UBNT: [NanoStation2] - Antenna alignment tool - Mozilla Firefox' is open, displaying a signal strength indicator (RSSI Range) and a 'Close this window' button. The background interface shows the 'HOST NAME' field and the 'ADMINISTRATIVE' section.

12. tes speed.



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