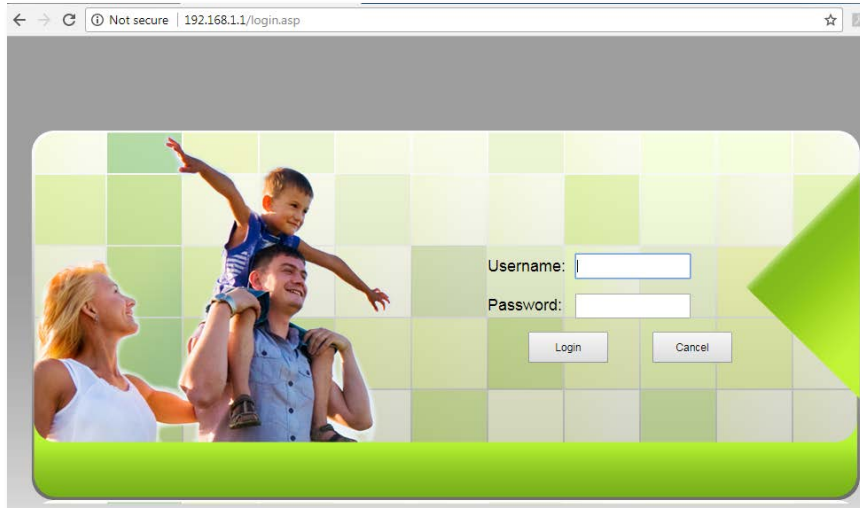
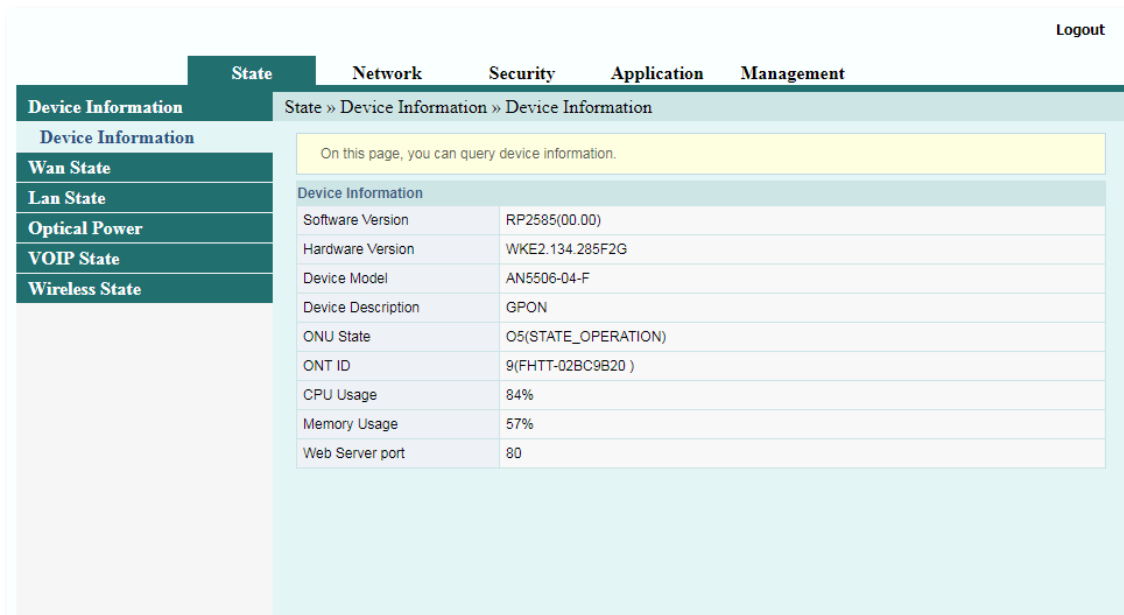


Masuk ke ONT Fiberhome

1. Konek ke ONT (via kabel atau pun Wifi)
2. Masukkan IP 192.168.1.1 di browser seperti gambar di bawah:



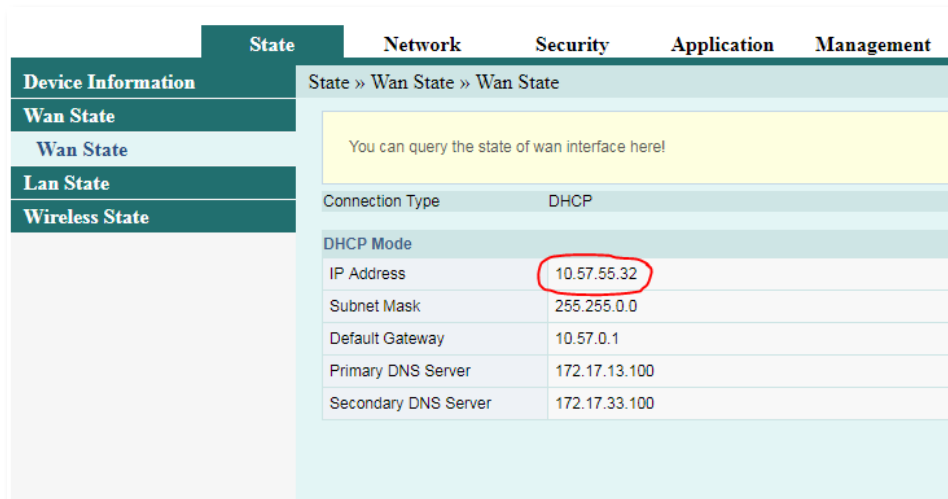
3. Username adalah root, password adalah admin. Setelah username dan password dimasukan, klik login
4. Setelah login, anda akan ke halaman utama (seperti gambar di bawah)



Device Information	
Software Version	RP2585(00.00)
Hardware Version	WKE2.134.285F2G
Device Model	AN5506-04-F
Device Description	GPON
ONU State	O5(STATE_OPERATION)
ONT ID	9(FHTT-02BC9B20)
CPU Usage	84%
Memory Usage	57%
Web Server port	80

Kendala: Internet no access

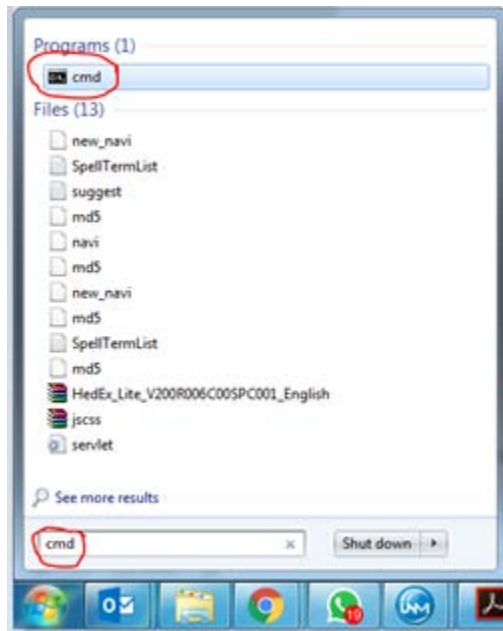
1. Cek lampu PON, apabila merah berarti kabel ke ONT terputus.
2. Cek IP di ONT



Cek apakah ONT mendapatkan IP di VLAN tersebut sesuai dengan gambar di atas. Apabila IP kosong, maka coba restart perangkat ONT anda (bisa dilakukan dengan menekan tombol power).

Apabila ada, coba ping ke default gateway nya. Pada gambar di atas, default gateway adalah 10.57.0.1.

Caranya adalah dengan membuka CMD dari windows:



Setelah itu akan keluar window hitam. Lakukan beberapa command di bawah:

Ping Default Gateway

```
C:\>ping 10.57.0.1

Pinging 10.57.0.1 with 32 bytes of data:
Reply from 10.57.0.1: bytes=32 time=1ms TTL=254
Reply from 10.57.0.1: bytes=32 time=1ms TTL=254
Reply from 10.57.0.1: bytes=32 time=1ms TTL=254
Reply from 10.57.0.1: bytes=32 time=1ms TTL=254

Ping statistics for 10.57.0.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 1ms, Average = 1ms
```

Apabila ping putus, atau request timeout. Silahkancoba restart perangkat anda (dengan menekantombol power).

Ping www.google.com

```
C:\>ping www.google.com

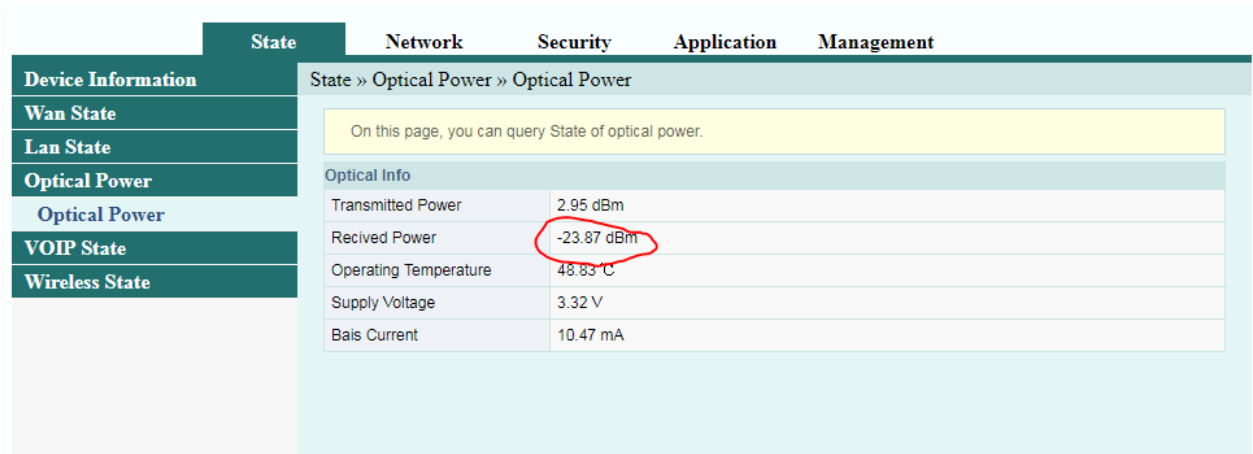
Pinging www.google.com [74.125.130.103] with 32 bytes of data:
Reply from 74.125.130.103: bytes=32 time=14ms TTL=44
Reply from 74.125.130.103: bytes=32 time=14ms TTL=44
Reply from 74.125.130.103: bytes=32 time=14ms TTL=44
Reply from 74.125.130.103: bytes=32 time=14ms TTL=44

Ping statistics for 74.125.130.103:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 14ms, Maximum = 14ms, Average = 14ms
```

Apabila ping putus, atau request timeout. Silahkancoba restart perangkat anda (dengan menekantombol power).

Kendala: Slow Speed

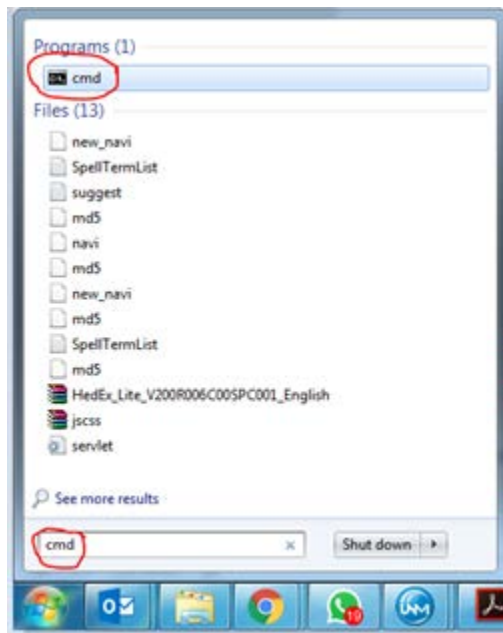
1. Cek optical power. Rangnya adalah -12 dbm sampai -24 dbm. Apabila diluar range, kemungkinan menyebabkan slow speed.



State	Network	Security	Application	Management
Device Information	State » Optical Power » Optical Power			
Wan State	On this page, you can query State of optical power.			
Lan State	Optical Info			
Optical Power	Transmitted Power	2.95 dBm		
Optical Power	Received Power	-23.87 dBm		
VOIP State	Operating Temperature	48.83 °C		
Wireless State	Supply Voltage	3.32 V		
	Bais Current	10.47 mA		

2. Pastikan anda menggunakan koneksi internet, bukan OTT. Caranya adalah dengan cek traceroute www.google.com.

Caranya adalah dengan membuka CMD dari windows:



Setelah itu akan keluar window hitam. Lakukan beberapa command di bawah:

```
C:\>tracert www.google.com

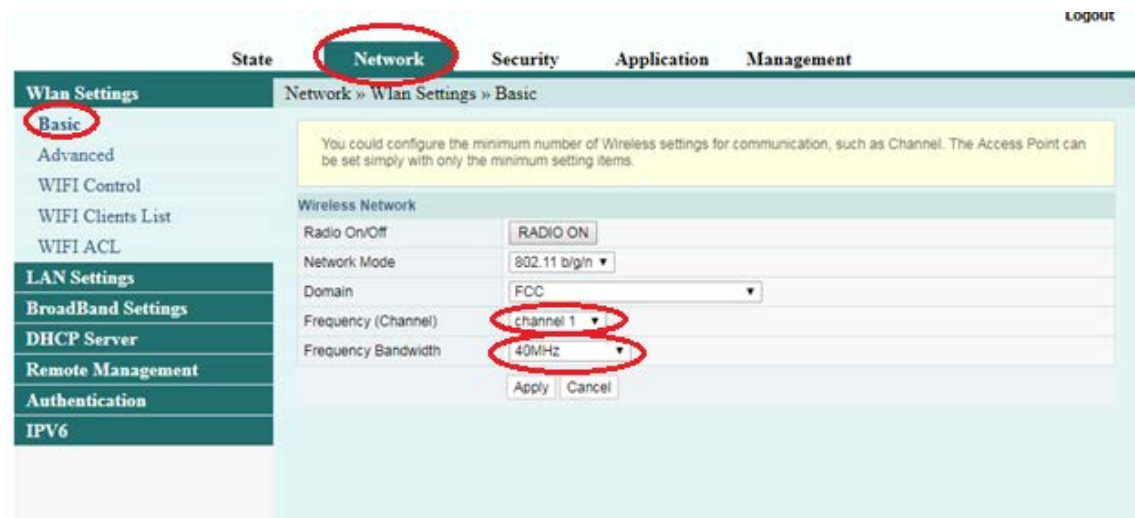
Tracing route to www.google.com [74.125.130.99]
over a maximum of 30 hops:
  0  <1 ms  <1 ms  <1 ms  192.168.1.1
  1  1 ms  1 ms  1 ms  10.57.0.1
  2  3 ms  3 ms  3 ms  host-103-47-132-89.myrepublic.co.id [103.47.132.89]
  3  2 ms  2 ms  2 ms  172.16.11.12
  4  5 ms  4 ms  3 ms  103.47.134.209
  5  15 ms  18 ms  14 ms  host-158.140.187-130.myrepublic.co.id [158.140.187.130]
  6  15 ms  14 ms  14 ms  108.170.240.236
  7  15 ms  14 ms  15 ms  209.85.243.209
  8  14 ms  14 ms  16 ms  209.85.255.80
  9  * * * * * Request timed out.
 10  * * * * * Request timed out.
 11  * * * * * Request timed out.
 12  * * * * * Request timed out.
 13  * * * * * Request timed out.
 14  * * * * * Request timed out.
 15  * * * * * Request timed out.
 16  * * * * * Request timed out.
 17  * * * * * Request timed out.
 18  * * * * * Request timed out.
 19  * * * * * Request timed out.
 20  15 ms  15 ms  15 ms  sb-in-f99.1e100.net [74.125.130.99]

Trace complete.
```

Pastikan default gateway anda muncul di salah satu hop awal (pada gambar di atas, default gateway 10.57.0.1 muncul di hop kedua). Apabila IP default gateway tidak muncul, kemungkinan anda bukan terkoneksi dengan koneksi internet, tetapi menggunakan OTT untuk TV.

3. Slow speed wifi bisa diakibatkan oleh terjadinya interferensi. Coba ganti channel wifi perangkat anda. Caranya adalah sbb:

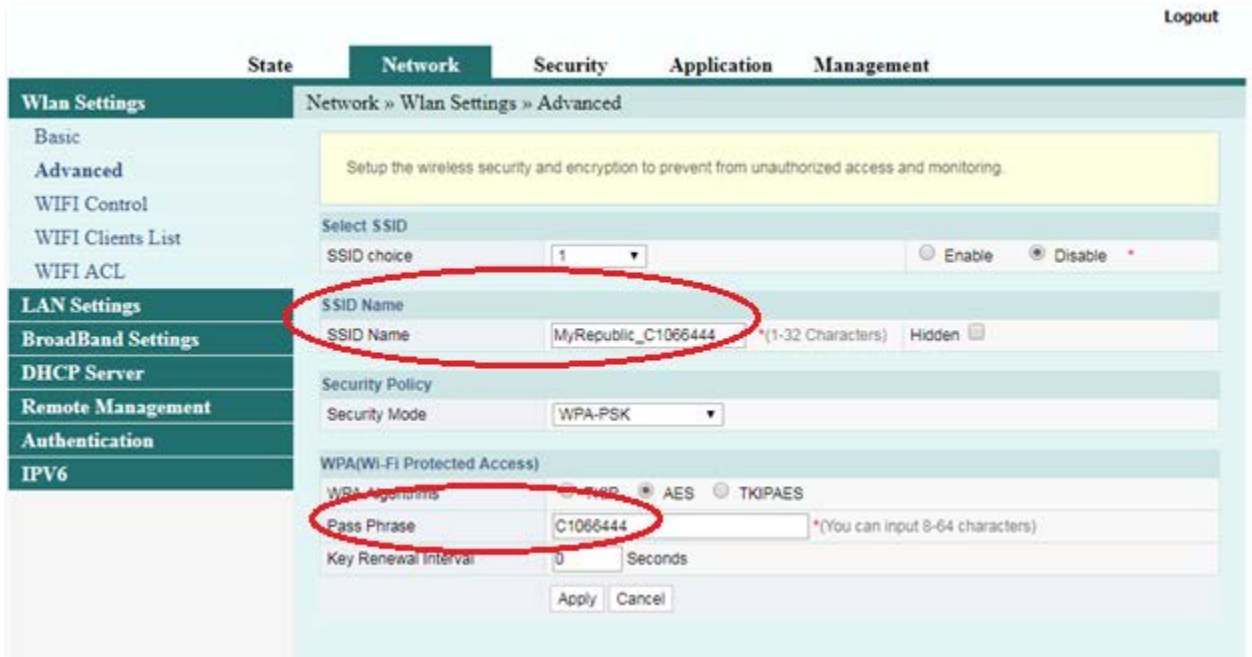
Pilih tab Network > Wlan Settings > Basic. Ganti Frequency (channel) ke nomor lain, misal ke channel 6. Selain itu, coba besarkan bandwidth WiFi dari 20Mhz ke 40Mhz.



Interferensi dapat dilihat dengan aplikasi android WiFi analyzer.

Kendala: WiFi berubah/password WiFi berubah

Untuk melihat setting wifi, Pilih tab Network >Wlan Settings > Advanced. SSID name adalah nama WiFi anda. Apabila ingin mengganti password, silahkan ganti bagian pass phrase.



The screenshot displays the 'Advanced' settings for the WiFi network. The interface includes a navigation menu on the left with categories like 'Wlan Settings', 'LAN Settings', 'BroadBand Settings', 'DHCP Server', 'Remote Management', 'Authentication', and 'IPV6'. The main content area is titled 'Network » Wlan Settings » Advanced' and contains the following fields:

- Select SSID:** A dropdown menu showing '1' and radio buttons for 'Enable' and 'Disable' (selected).
- SSID Name:** A text input field containing 'MyRepublic_C1066444' with a character count '(1-32 Characters)' and a 'Hidden' checkbox.
- Security Policy:** A dropdown menu set to 'WPA-PSK'.
- WPA(Wi-Fi Protected Access):** Radio buttons for 'WPA', 'AES' (selected), and 'TKIPAES'.
- Pass Phrase:** A text input field containing 'C1066444' with a note '* (You can input 8-64 characters)'. This field is circled in red.
- Key Renewal Interval:** A text input field set to '0' with the unit 'Seconds'.

Buttons for 'Apply' and 'Cancel' are located at the bottom of the form.