# BTPT ONU Configuration Guide

This guidance document is applicable to BT-BCM6838E/BT-BCM6838E+, BT-BCM6838G/BT-BCM6838G+, BT-601GB and BT-601GB models ONU equipment of BTPT.

1 Web Login

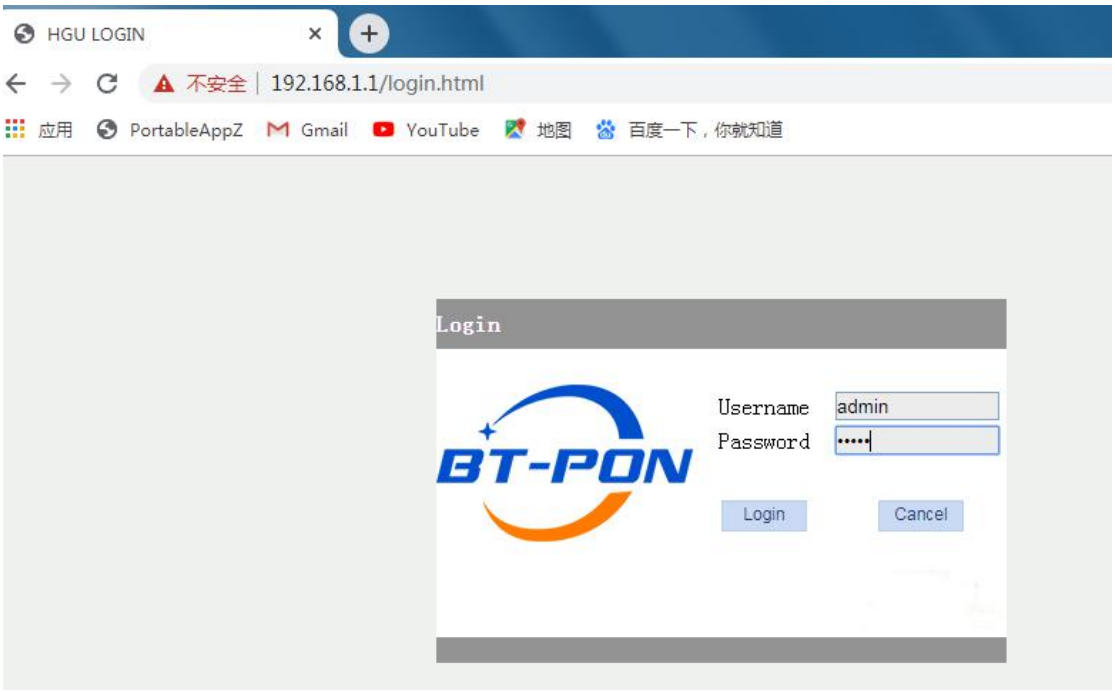
Login URL：http://192.168.1.1

GPON ONU Supper user login account：admin; password：admin

EPON ONU Supper user login account：admin; password：v2mprt

Normal user login account：useradmin ; password：admin

After entering the username and password correctly, click Login button to enter the web management interface.




2 WAN Connection Create

Create multiple WAN connections (PPPOE, TR069 (DHCP), VOIP (DHCP), IPTV):

2.1 Create PPPOE WAN connection configuration

Enter the NETWORK---->WAN SET Connection interface, configure the relevant information, and click the Create button.

Name: select  Add new WAN

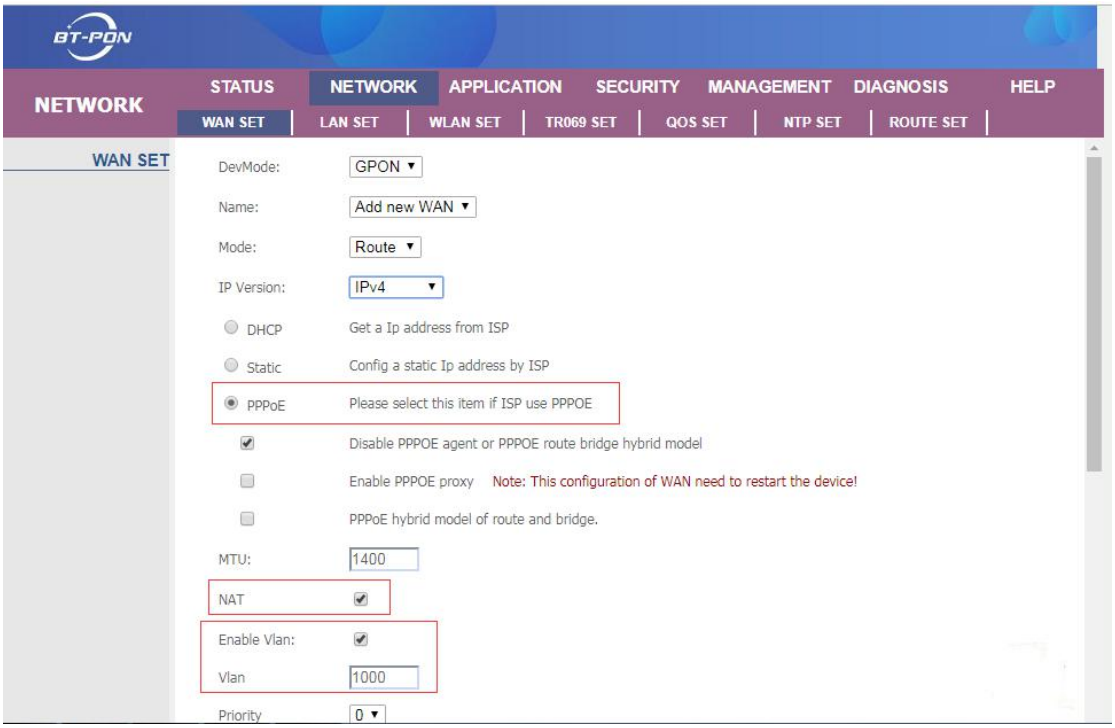
Mode:select Route

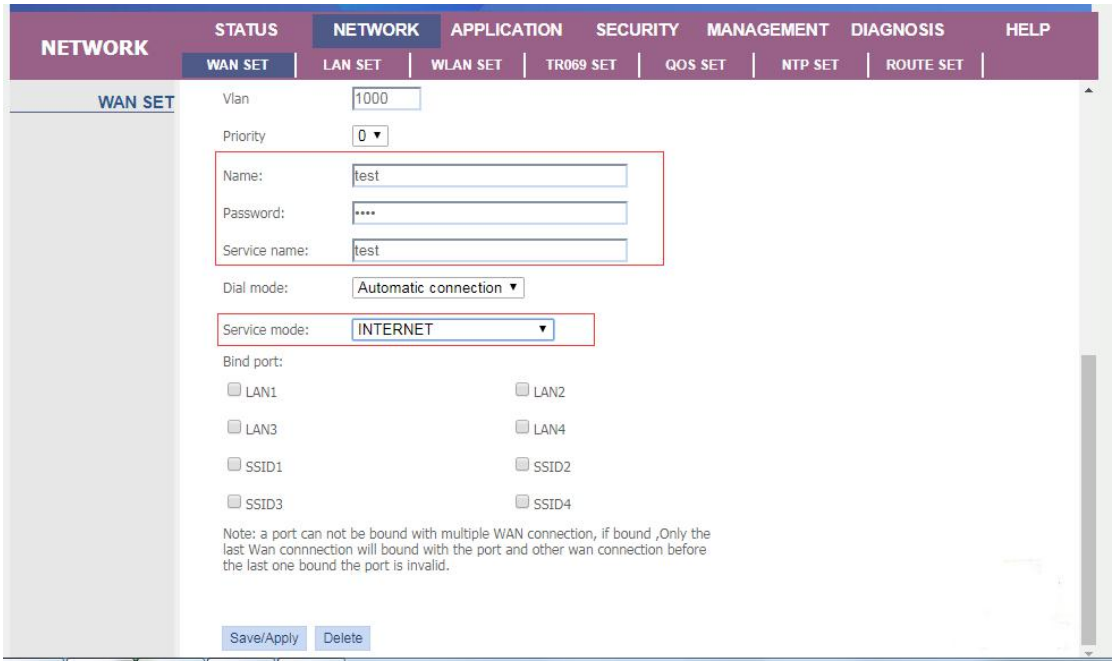
IP Version: select IPv4

Type : select PPPoE

Service List ： selects INTERNET or TR069_INTERNET or TR069_VOIP_INTERNET

VLANID: INTERNET service vlan;




2.2 Create TR069 WAN connection

Create a tr069 (DHCP) WAN connection configuration:

Name: select　Add new WAN

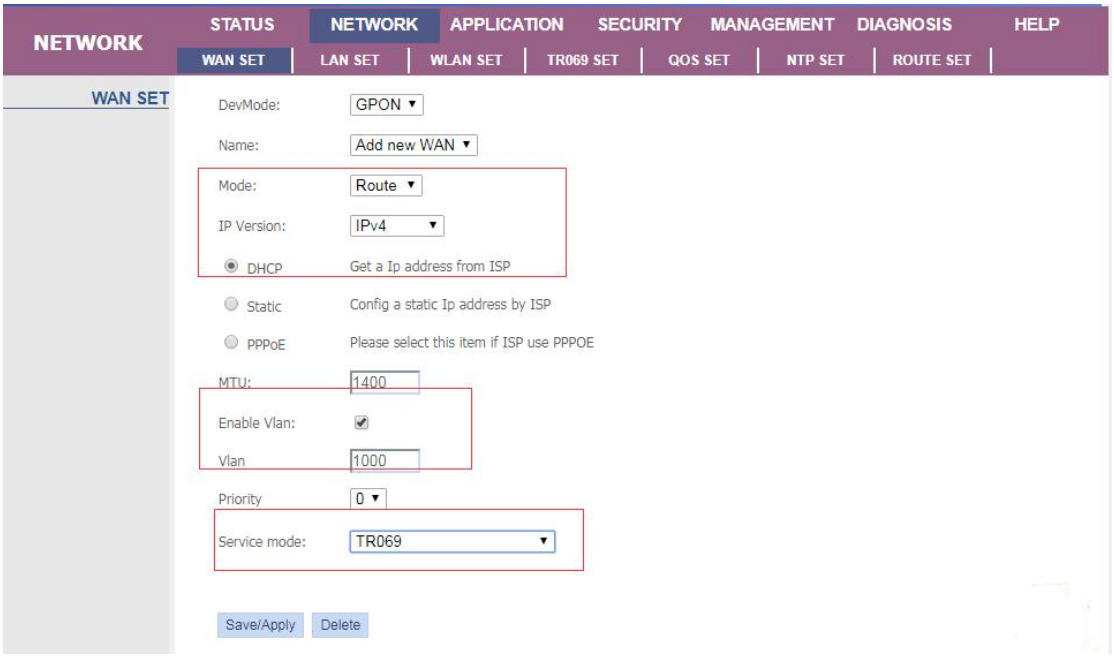
Mode:select Route

IP Version: select IPv4

Type : select DHCP

Service List : selects TR069 or TR069_INTERNET or TR069_VOIP or TR069_VOIP_INTERNET

VLANID: tr069 service vlan;



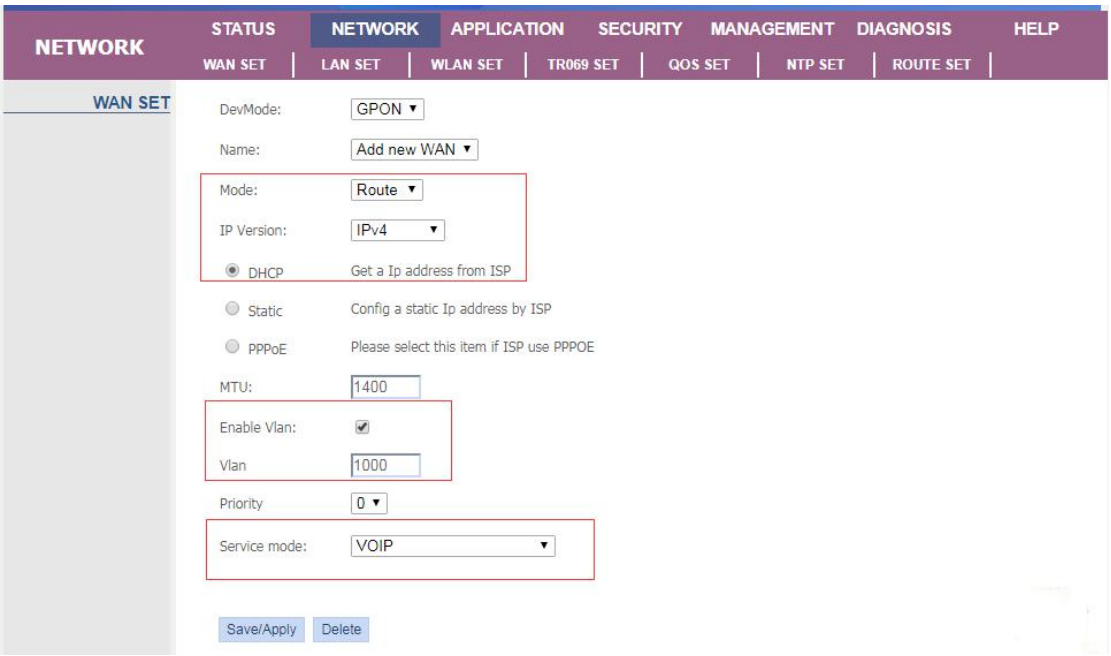

2.3 Create VOIP WAN Connection

Create a VOIP WAN connection configuration:

Type: Select DHCP

Service List: selects VOIP or VOIP_INTERNET

VLAN ID: Voice Service VLAN ID




2.4 Create IPTV WAN Connection

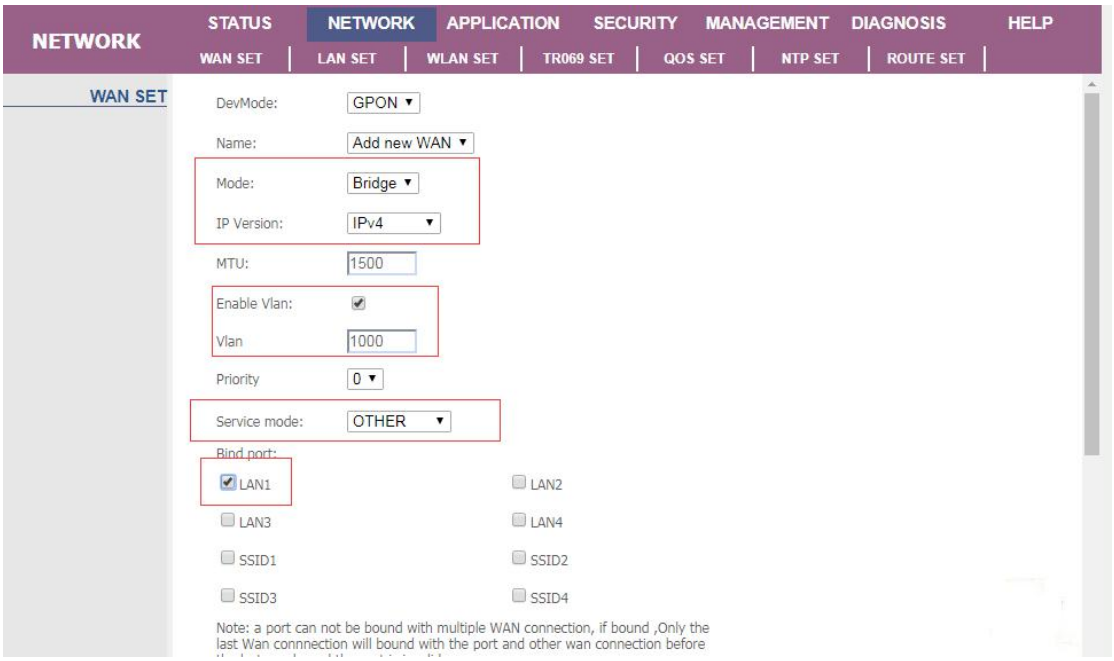
Create a IPTV WAN connection configuration:

Type: Select Bridge

Service List : selection Other

Port Binding: Bind the specified LAN port

VLANID: Multicast vlanID




3 Remote management configuration(TR069)

Remote management configuration prerequisite: WAN connection with tr069 service must

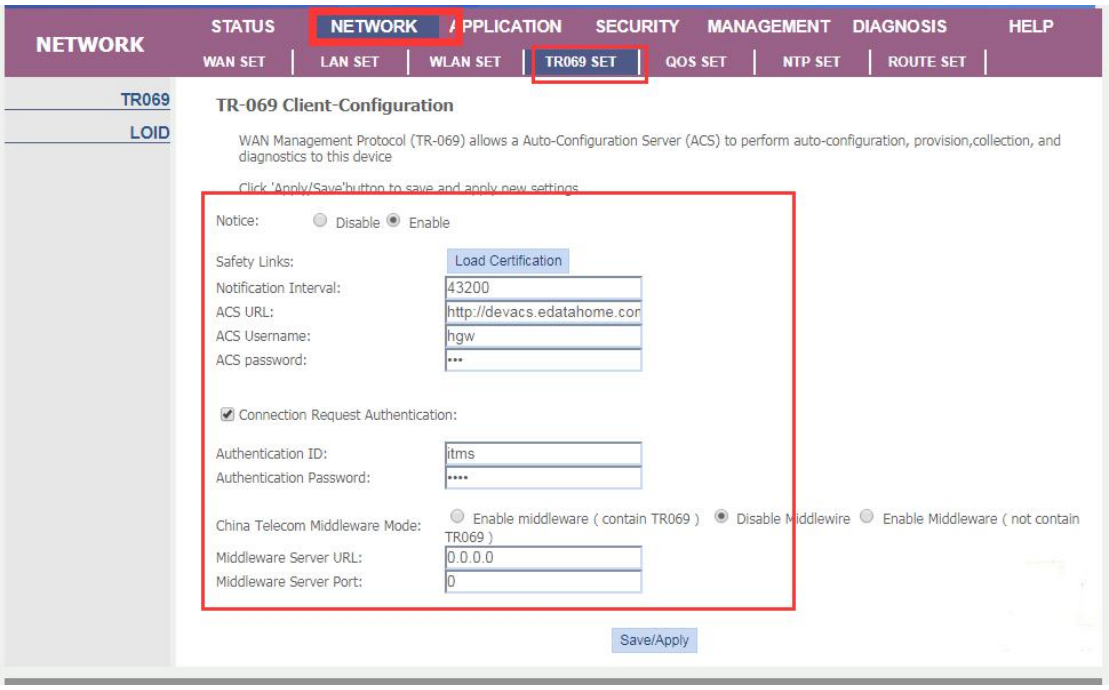
exist;

TR069 configuration: Network—>TR069 SET---->TR069

Username:tr069 Password:tr069

Fill in the correct ITMS server address, username, password and other information (login and password are configured on the ITMS platform server)

Click the Submit button

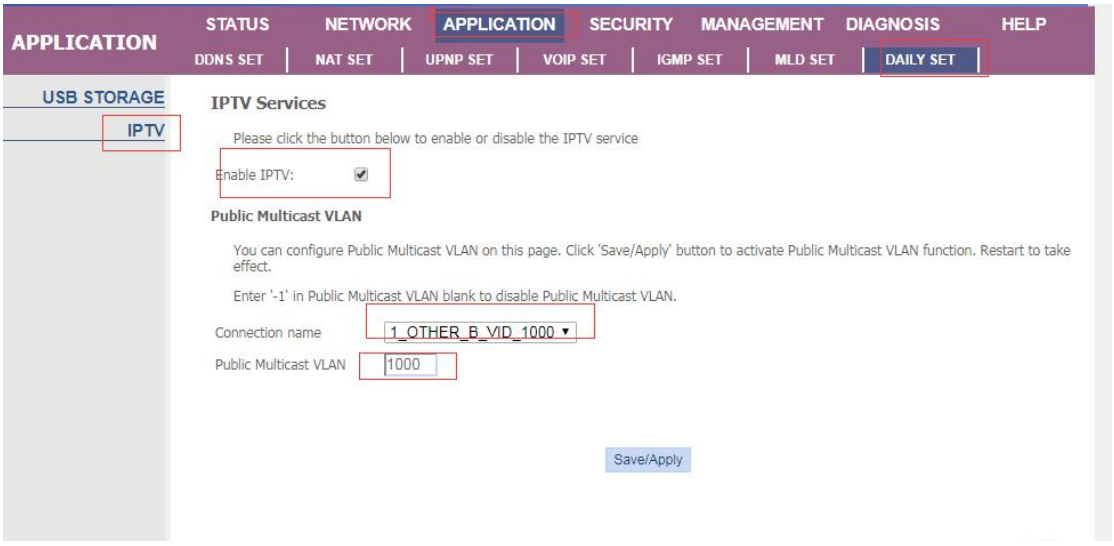



4 IPTV Configuration

Multicast configuration: Application---->Daily SET---->IPTV;

First find the Modify column, click the modify button for the IPTV WAN connection;

Public multicast VLAN: Set the multicast vlan;




5 VOIP Configuration

5.1 Config SIP Server

VOIP configuration: Application—>Voip SET—>SIP BASIC:
SIP local port:

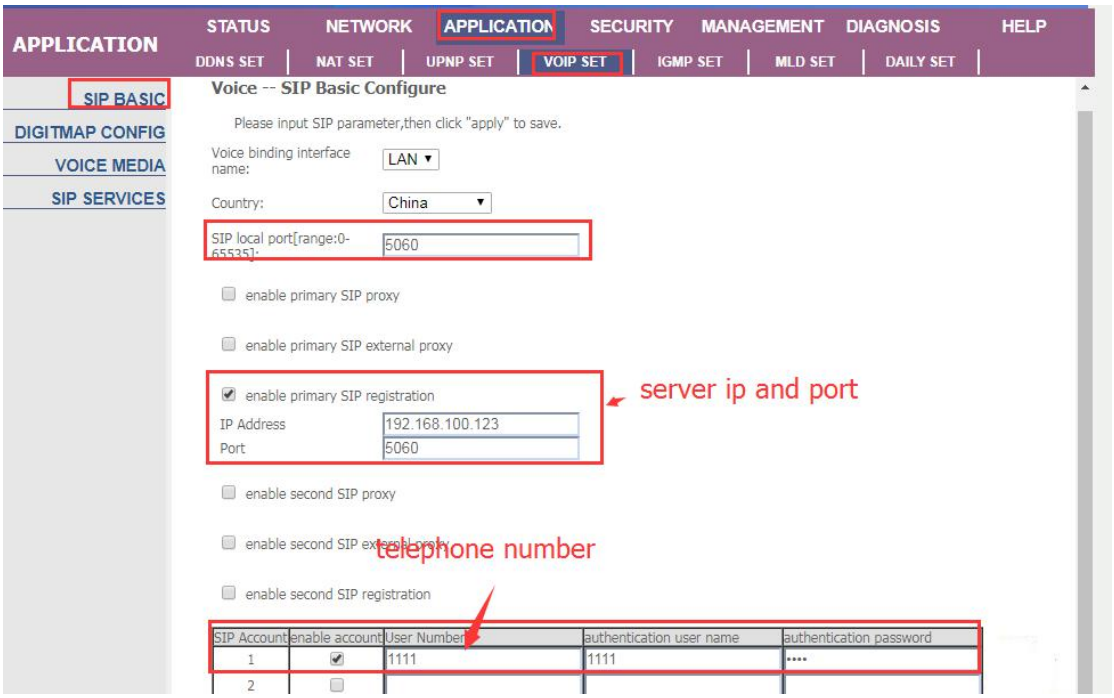
Select enable primary sip registration :Write the correct SIP server address and port

Sip Account: select first;

User Number :Voice number

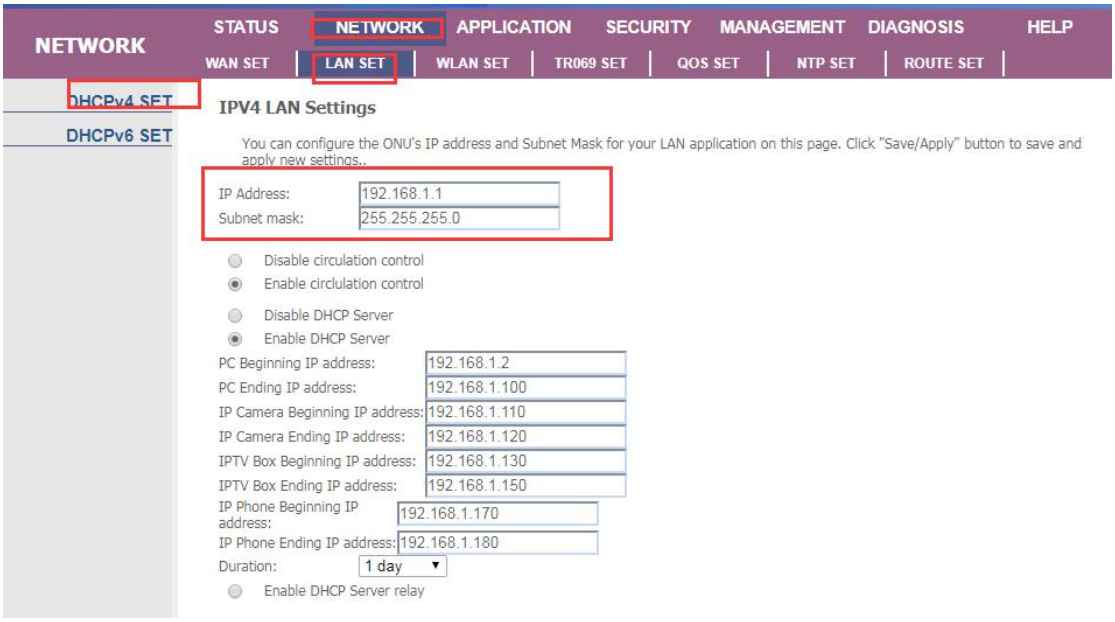
Authentication User name: Authentication username number

Authentication Password: Voice Authentication Password;




6 LAN interface configuration
6.1 LAN IP Setting
LAN interface modification LAN_IP address configuration: Network—>LAN SET—>DHCPv4 SET

IP Address: LAN_IP address (can be modified)
Click the Submit button, the device will restart automatically, and it will take effect after restarting.




6.2 Modify LAN IP Address Pool

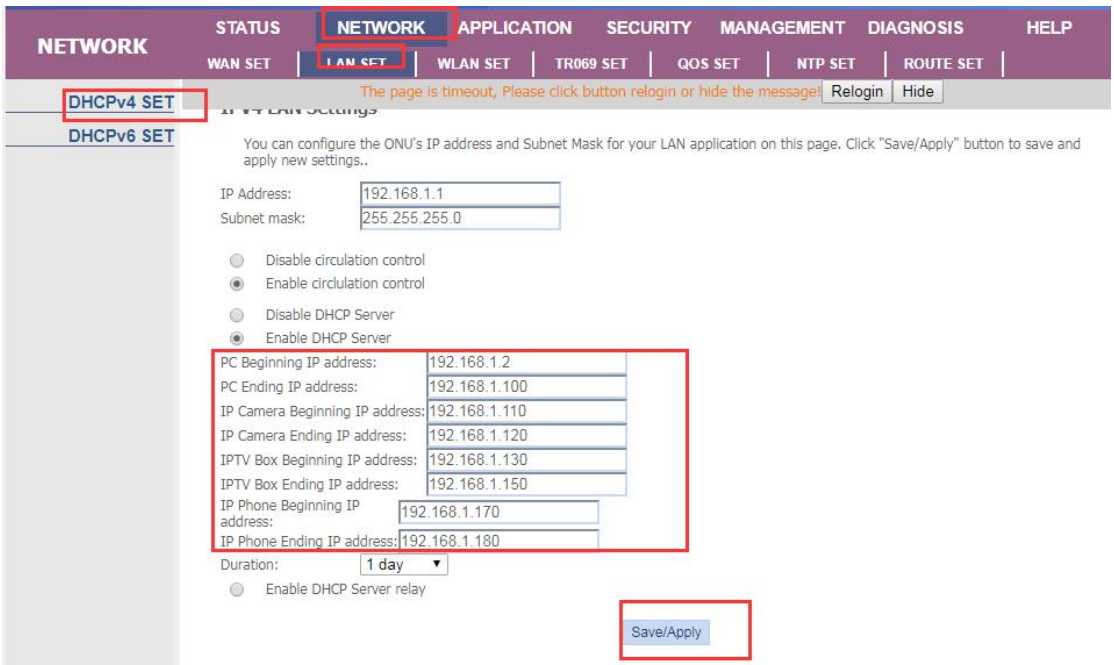
Modify LAN IP address pool configuration: Network—>LAN SET—>DHCPv4 SET:

Click the Modify button after the list of IP address pools corresponding to the device properties.

Beginning IP Address: Start Address

Ending IP Address: End Address

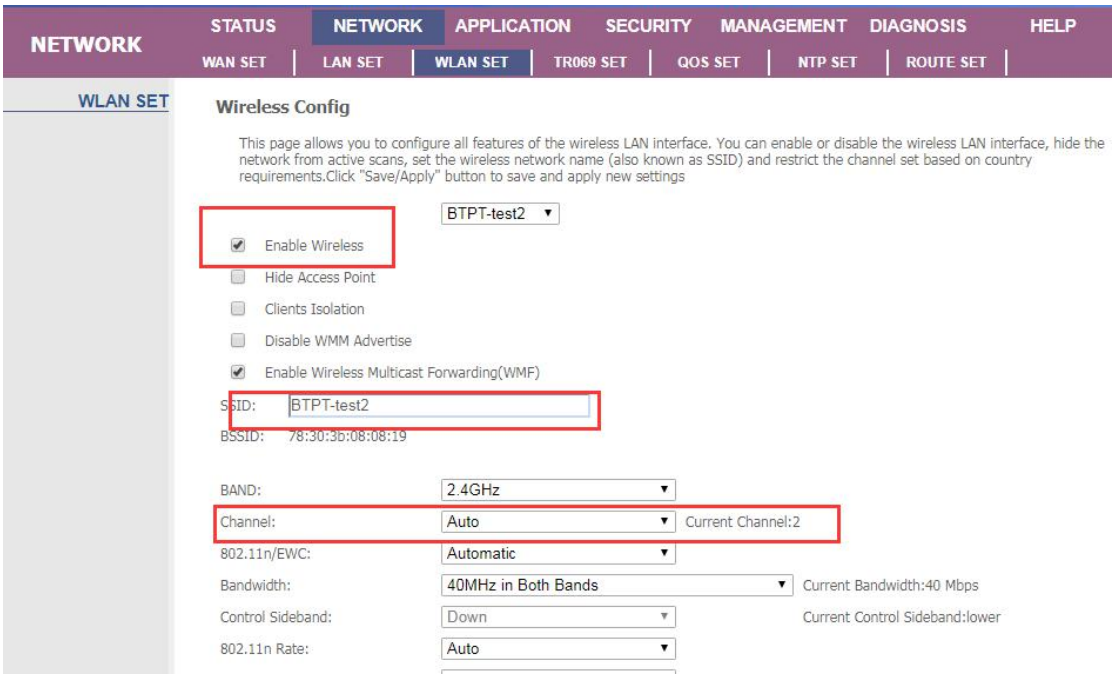
Click the save button




7 WIFI Configuration

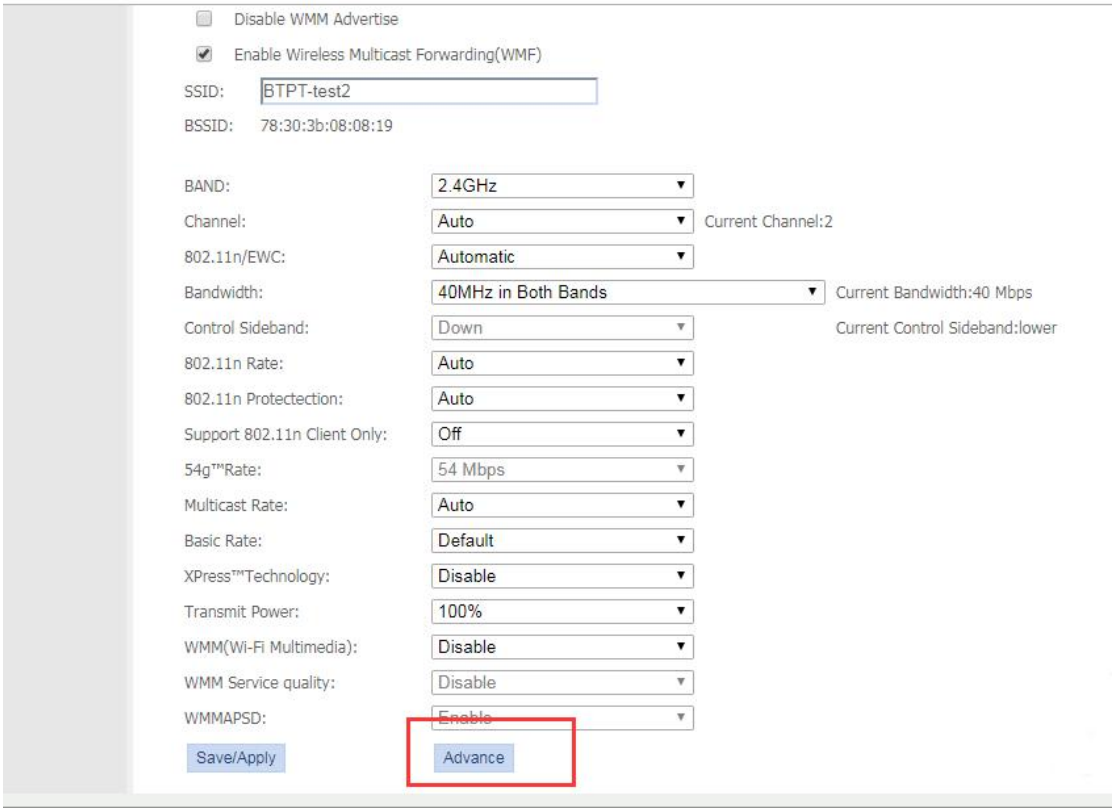
7.1 WIFI SSID Configuration

Modify WIFI SSIDConfiguration：Network—>WLAN SET—> WLAN SET:



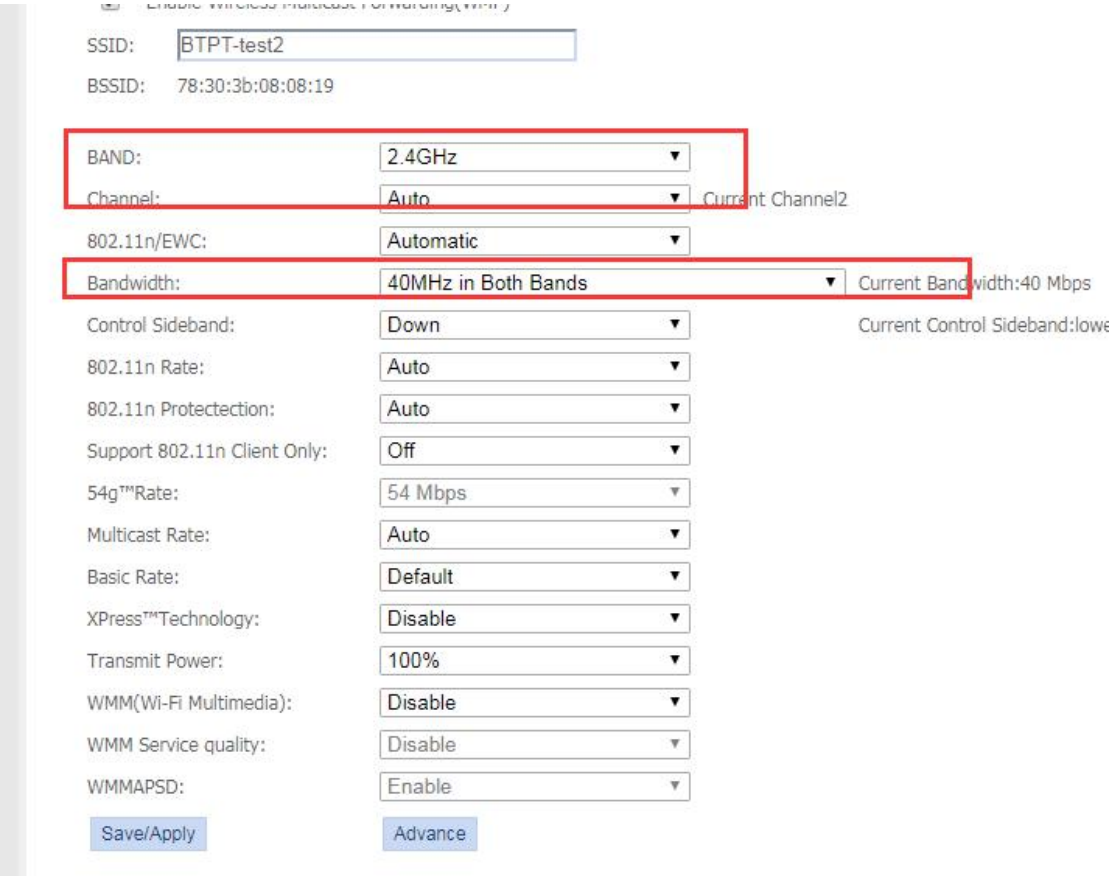

## 7.2 WIFI Security Configuration

Modify WIFI password and encryption mode configuration: Network—>WLAN SET—> WLAN SET—>Advance button.




7.3 WIFI Basic Configuration

Modify the WIFI Basic page configuration: Network—>WLAN SET—> WLAN SET

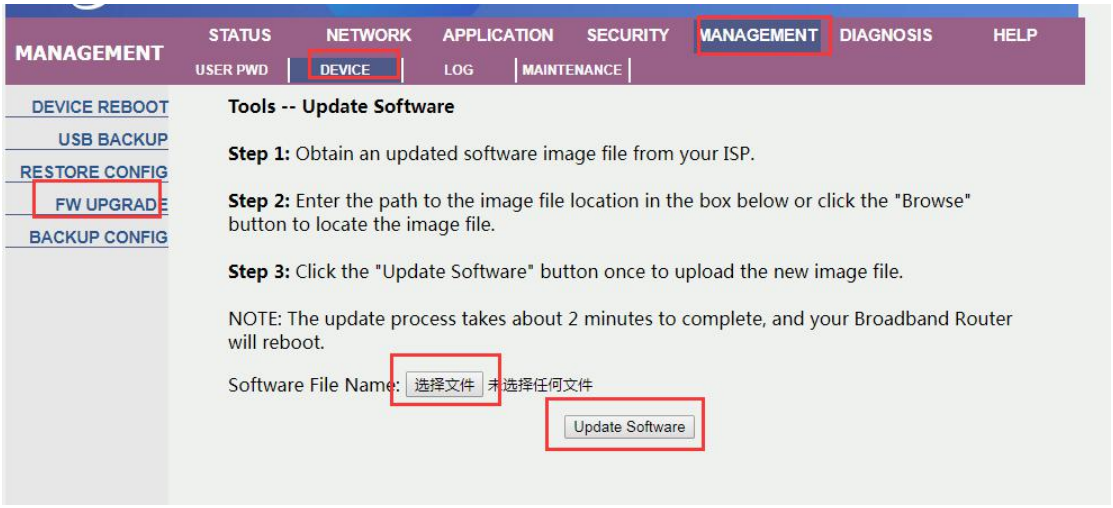



8 SoftWare Upgrade

8.1 WEB page upgrade guide

WEB page upgrade configuration: Mansgemen—>DEVICE—> FW UPGRADE

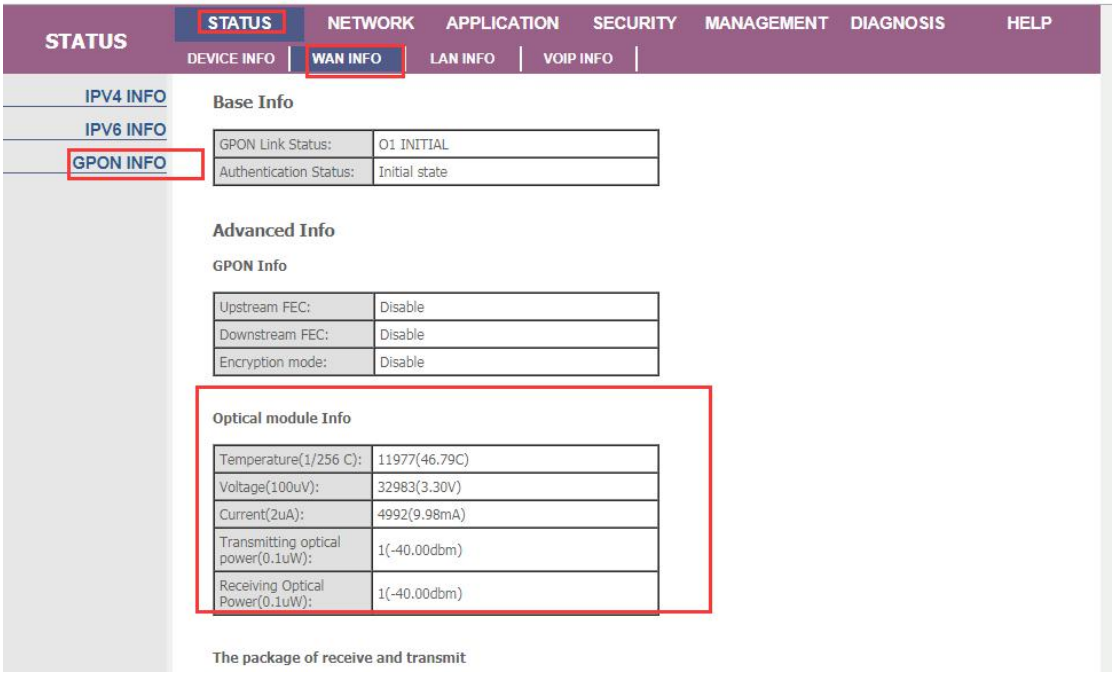
click the “Browse” button, select the suffix name .bin upgrade file, and then click the Upgrade button. Wait 3-4 minutes, the device will restart automatically after the upgrade is completed.




9 Optical power information inquiry

View Optical Power: Status—>WAN INFO—> GPON INFO interface

Can view TX, RX information



## 10.Open the remote access ONU management port

1）.Access 192.168.1.1 and login ONU administration page (GPON: Admin/Admin,EPON: Admin/V2MPRT) with super admin account and password

2） the browser input url: 192.168.1.1/scsrvcntr.html，enable all ports of wan ，click on the save button。