



ASUS Configuration for TeleVoIPs

Follow the directions below to ensure proper configuration and QoS settings for ASUS RT series routers. Please understand, instructions may vary based on the model and firmware version of your device.

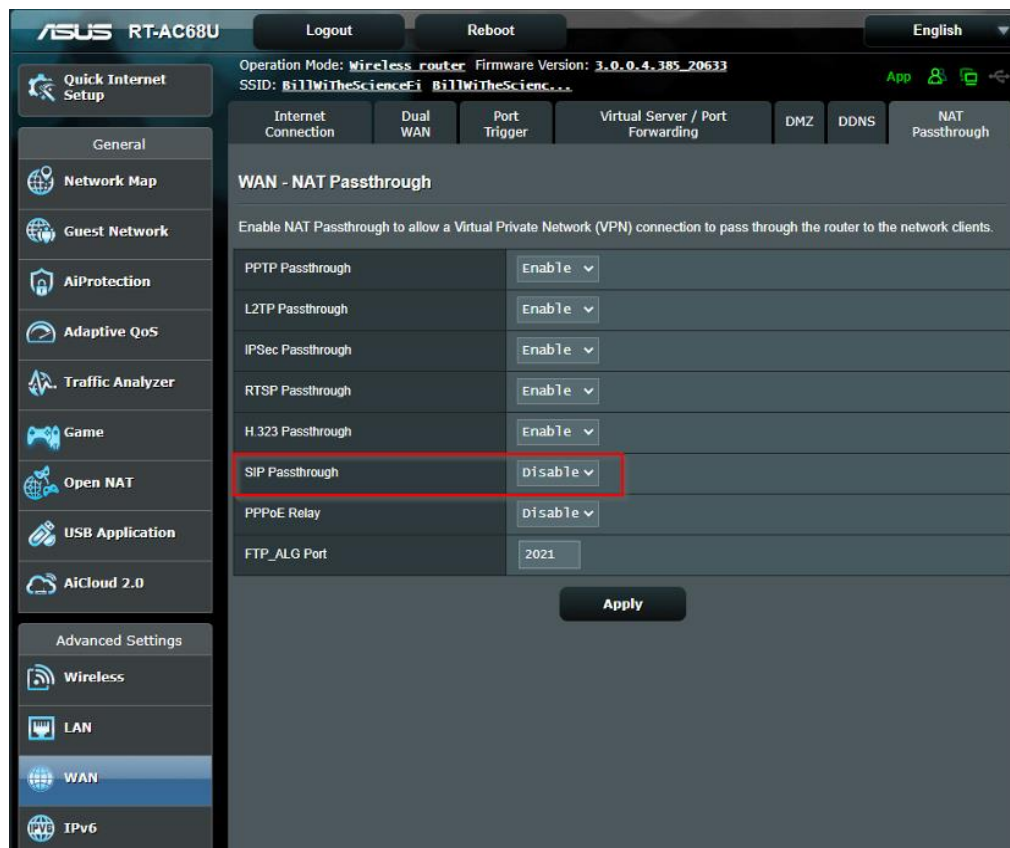
I. General Information & Known Issues

We recommend upgrading these routers to the most current firmware, including new out-of-the-box routers before proceeding. Old firmware versions below 3.0.0.4.376.1123 on these routers are known to cause frequent phone and fax adapter registration failures and intermittent call quality problems. SIP ALG is enabled by default, which causes intermittent phone issues.

II. Required Changes

Disable SIP ALG:

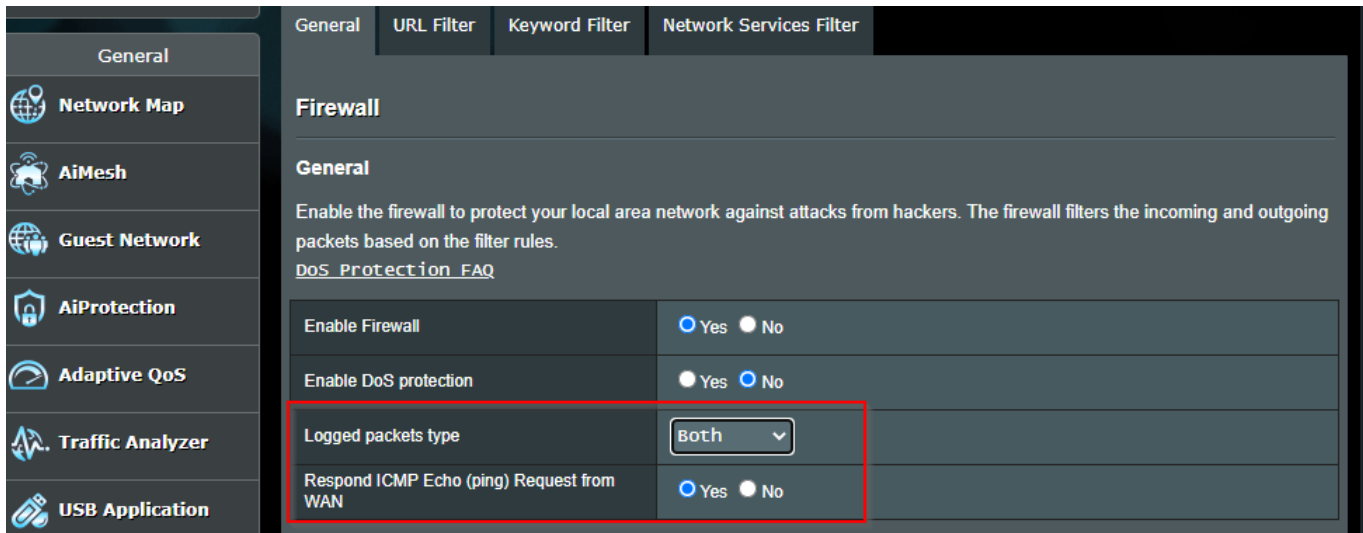
1. Go to Advanced Settings > WAN > NAT Pass Through Tab > SIP Pass Through > Set to Disable
2. Click [Apply]



III. QoS Optimization (Recommended)

A. For Quality Monitoring & Troubleshooting:

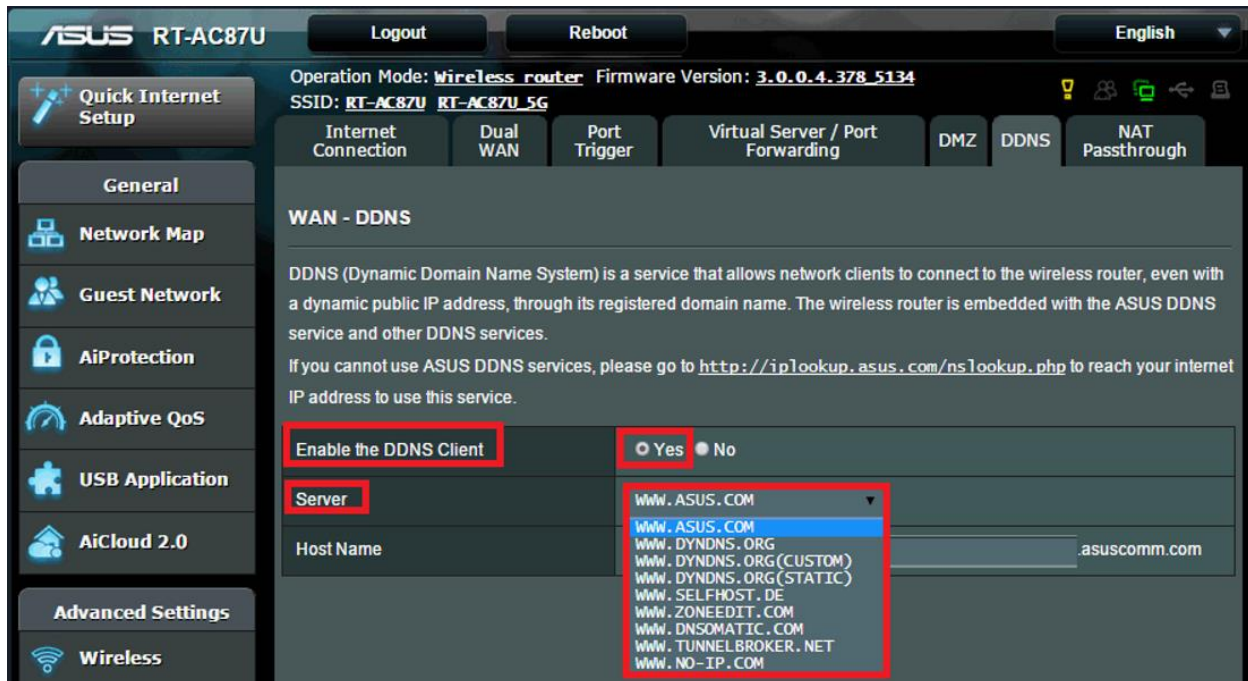
1. Go to Advanced Settings > Firewall
2. WAN pings (or Respond Ping Request from WAN) > Enable
3. Logged packets type > Set to Both
4. Click [Apply]



B. To Enable Dynamic Domain Name System (DDNS):

1. Go to Advanced Settings > WAN > DDNS Tab
2. Set "Enable the DDNS Client" to YES
3. Choose a server from the drop down
4. Enable the DDNS client, and then you can choose WWW.ASUS.COM as server, which is totally free. There are also other servers for you to choose from.
5. Click [Apply]

*****Note :** If the wireless router is using a private WAN IP address (192.168.x.x, 10.x.x.x, or 172.16.x.x), this router may be under a multi-layer NAT network. The DDNS service is not able to work under this environment.



C. To Configure a Domain Name:

1. Under Host Name, you can configure your own domain name. If the domain name has already been registered, please change to another one. If the domain name was registered by you but you want to use the previous domain name on the new ASUS router that you just purchased, please contact the ASUS Online Service Desk.
2. Press [Apply].

