

TP-Link Archer C9000 QoS Configuration and Best Practices Guide

Setting Up Your TP-Link Archer C9000 Router

1. Once the router has been powered on, open a browser and go to <http://192.168.0.1>
2. Create a device **password** and save it for your records.

Please set up your Wireless Router Archer C1200 to connect to the Internet first. To begin, create a device password to manage your Wireless Router Archer C1200.





3. Select your **time zone**:

Time Zone:

4. Select your **Internet Connection Type** (most connections are dynamic IP).

☒ Dynamic IP

☐ Static IP

☐ PPPoE

☐ L2TP

☐ PPTP

☐ Additional ISP Settings

5. Click **Next**, unless otherwise directed by your ISP.

If your ISP only allows Internet access to a specific MAC address, you need to clone the MAC address of the primary computer. If you are not sure, select Do NOT clone MAC Address.

☒ Do NOT Clone MAC Address
☐ Clone Current Computer MAC Address

Note: If you select Clone MAC Address, you need to clone the original computer's MAC address that is registered with your ISP.

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6. Create your **Wi-Fi** names and passwords, then click next.

2.4GHz Wireless: ☒ Enable Wireless Radio

Network Name (SSID): ☐ Hide SSID

Password:

5GHz Wireless: ☒ Enable Wireless Radio

Network Name (SSID): ☐ Hide SSID

Password:

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7. Confirm the settings, then click **save**.

Time Zone: (GMT-05:00) Eastern Time (US Canada)

Internet Connection Type: Dynamic IP

2.4GHz Wireless: On

Network Name (SSID): TP-Link_2628

Password: 39073730

5GHz Wireless: On

Network Name (SSID): TP-Link_2628_5G

Password: 39073730

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Congratulations! Network setup successfully. Enjoy the Internet.

For more TP-Link Cloud functions, please log in with your **TP-Link ID**. 

[Forgot password?](#)

Login

No TP-Link ID?

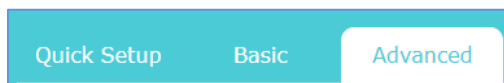
Register Now

Log In Later

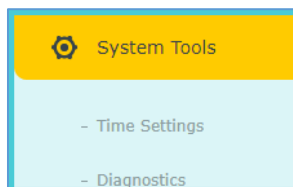
Configuring QoS for VoIP Phones

1. Log into the router using the password you created in step 1.

2. Click the **Advanced** tab

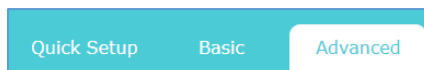


3. Click **System Tools**

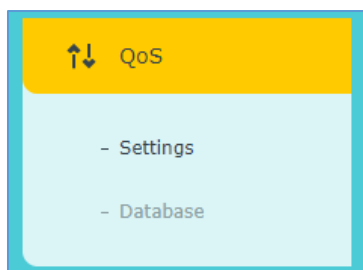


4. Uncheck the box next to **Enable NAT Boost**, then click **Save**

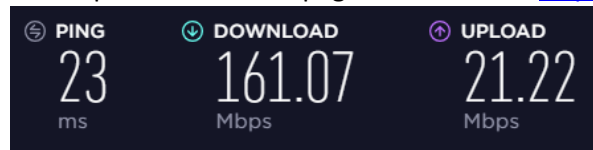
5. Click the **Advanced** tab



6. Click **QoS**, then **Settings**



7. Open a new tab or page and run a test <https://speedtest.net>



8. Return to the router page and input the results into the QoS fields as shown below, then click **save**.

QoS:

☒ Enable QoS

Upload Bandwidth:

21

Mbps ▼

Download Bandwidth:

161

Mbps ▼

9. Click **Add** under High Priority.

QoS Rule List

High Priority:60%

Add

10. Once your Clarity phones are plugged in, click **View Existing Devices**

QoS Rule

Type:

☒ By Device ☐ By Application

Device Name:

View Existing Devices

MAC Address:

Cancel

OK

11. Select your phones, one by one, based off the MAC address as shown below.

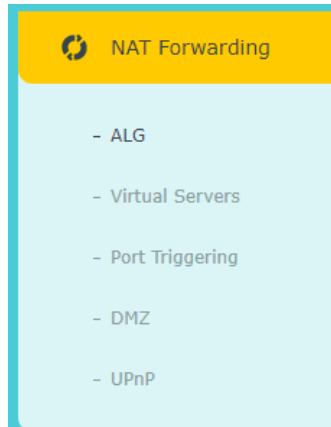
Access Devices List				
ID	Device Name	IP Address	MAC Address	Operation
1	Polycom_0004f26a9d3c	192.168.0.132	00-04-F2-6A-9D-3C	Choose

12. Click **OK**

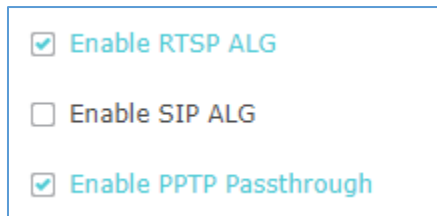
13. Add other phones as necessary

14. Click **Save**

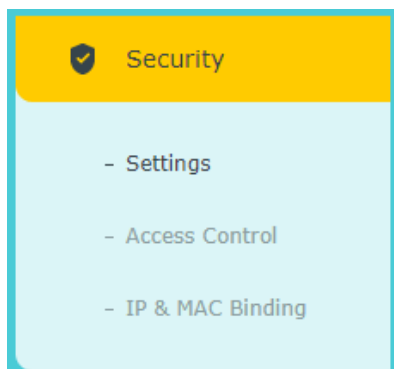
15. Click **NAT Forwarding**, then **ALG**



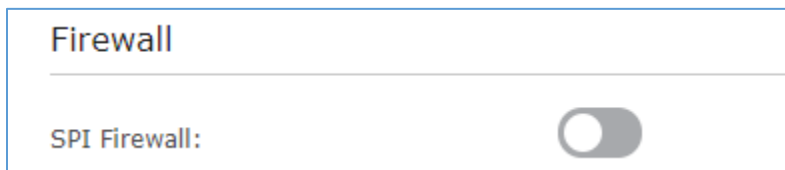
16. Uncheck the box next to **Enable SIP ALG**, then click **save**.



17. Click **Security**, then **Settings**.



18. Click the switch next to **SPI Firewall** then click **save**.



19. Setup is now complete.

Netgear

To Internet Service Provider (ISP):



1

High Speed Business Class Internet from ISP (Cable, Fiber). Satellite and LTE is NOT recommended or supported. Stand alone modem provided by customer or Internet Service Provider (ISP)



2

Router shipped pre-configured from Clarity, with Quality of Service and WiFi. Supports up to 4 Ethernet connections

* OPTIONAL Ethernet switch provides additional Ethernet connections

3

Phone handsets shipped pre-configured from Clarity. Connect to network with computer "Ethernet" cables (see inset at right)



* OPTIONAL Jabra Wireless Headset



Ethernet Cable



* Customer responsible for Ethernet cabling

Checklist

- ✓ High Speed Internet
- ✓ Recommended Single-Port Stand-Alone Modem
- ✓ Ethernet Cabling from Router (or optional switch) to Phones

4



Computers may be plugged into the PC port on the back of the phone