



# Sophos XG Configuration for TeleVoIPs

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

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## General Information:

1. This appliance is a Linux based firewall. Without a correct configuration, they will cause intermittent SIP registration and call quality issues for VoIP based services.
2. This appliance does have SIP modules that are not activated by default. They are however designed for networks that host an internal SIP based PBX system.
3. This appliance is QoS capable and this will have to be evaluated based upon your available ISP bandwidth.

## I. Required Changes

1. Access console from Admin drop down on top right under administration
2. Use the below commands to set the configuration

```
console> set advanced-firewall udp-timeout-stream  
console> set advanced-firewall udp-timeout-stream 300  
console> set ips sip_preproc disable  
console> set vpn conn-remove-tunnel-up disable  
console> system system_modules sip unload
```

## II. QoS Optimization (Recommended)

1. Set QoS settings as the WAN interface.
2. *Interface and Routing > Quality of Service (QoS)*
3. Click **Edit** for the WAN interface
4. Set the Downlink and Uplink Speeds
5. Check the box for *Upload optimizer*.
6. Click **Save**.