# How to open ports
in your modem router firewall

This document details how to set port forwarding rules in your modem/router firewall

Please note: It is recommended to set the device you are opening ports for (PC, Xbox, PlayStation, etc.) with a static IP address. Please see your device instructions on how to manually set an IP address.

Step 1. Open your Internet Browser and in the address field type in http://192.168.1.1.
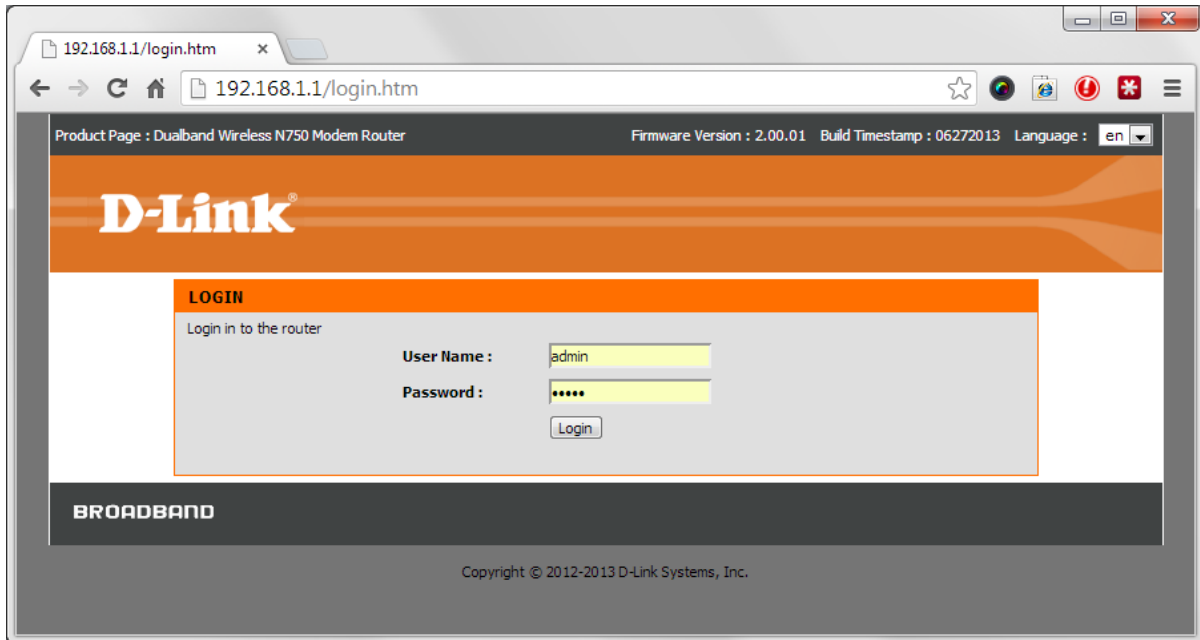
Step 2. When prompted type in the Username and Password then click on the "Log In" button. If you have not changed the password for the modem administration, the factory settings are:

Username: admin
Password: admin

Step 3. After logging in you will be presented with the modem's configuration pages. Click on [SETUP] > [WAN SETUP]. Under WAN section please make sure you have "Firewall" option enabled:
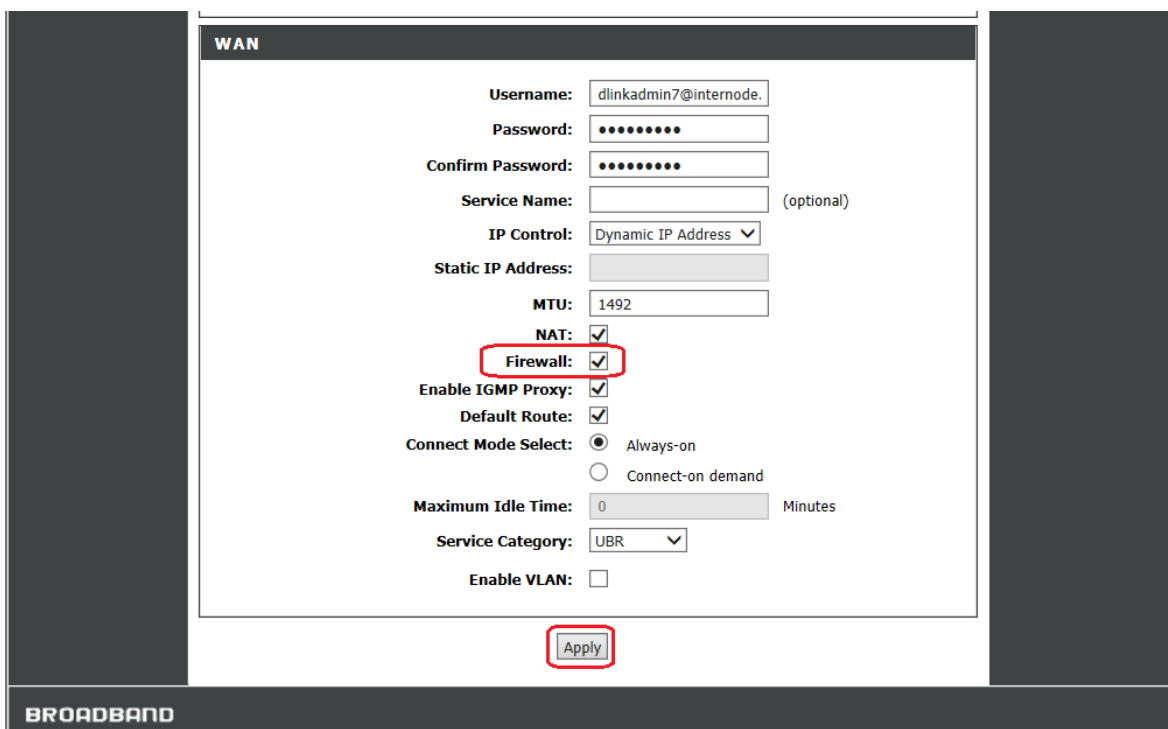
Step 4. Click on [ADVANCED] > [INBOUND FILTER].

Create a new filter:

Type in Filter Name (e.g. "Inbound")

Use Interface: ALL

Protocol: TCP/UDP

You can leave all other fields blank. Click on APPLY.

Step 5. Click on [ADVANCED] > [PORT FORWARDING]. Enter the rule details. We are using opening port for Remote Desktop service as an example:
- Name: type in a name for this rule (e.g. "RDP")
- IP Address: type in the IP address of the device you are opening ports for (PC, Xbox, PlayStation, etc.)
  Enter port number for TCP or UDP or both:
- Internal Port: the port you are opening
- External Port: the port you are opening

  Click on APPLY when finished.