

How to open ports in your modem router firewall

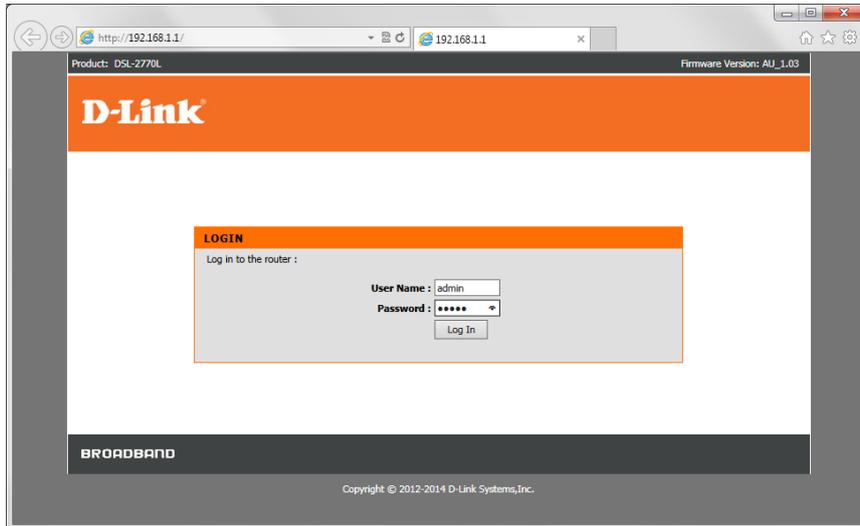
This document details how to set port forwarding rules in your modem/router firewall

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. When prompted type in the Username and Password and 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



If you cannot recall the password you assigned to your modem you will need to reset the modem to factory defaults by pressing the reset button for 10 seconds. Please note that this will revert all the settings in the modem to factory settings and you will have to reconfigure it with your Internet settings and Wireless security. Make sure you have your Internet account details (given by your Internet Provider) handy.

Step 2. After logging in you will be presented with the modem's configuration pages. Click on [ADVANCED] > [Virtual Server]:

The screenshot shows the D-Link DSL-2770L Advanced configuration page. The 'ADVANCED' tab is selected and circled in red. The 'Virtual Server' menu item in the left sidebar is also circled in red. The main content area is titled 'VIRTUAL SERVER' and includes a description: 'This is the ability to open ports in your router and re-direct data through those ports to a single PC on your network.' Below this, there are dropdown menus for 'Well known services' and 'Use schedule rule'. The 'VIRTUAL SERVERS LIST' table is as follows:

ID	Service Ports	Server IP : Port	PROTOCOL	Enable	Schedule Rule#
1	3389	192.168.1.9 : 3389	BOTH	<input checked="" type="checkbox"/>	Add New Rule...
2			BOTH	<input type="checkbox"/>	Add New Rule...
3			BOTH	<input type="checkbox"/>	Add New Rule...
4			BOTH	<input type="checkbox"/>	Add New Rule...
5			BOTH	<input type="checkbox"/>	Add New Rule...
6			BOTH	<input type="checkbox"/>	Add New Rule...
7			BOTH	<input type="checkbox"/>	Add New Rule...
8			BOTH	<input type="checkbox"/>	Add New Rule...
9			BOTH	<input type="checkbox"/>	Add New Rule...

Step 3. Fill in the fields for a “Virtual Servers List Entry” (we are opening ports for Remote Desktop service as an example)

- Service Ports: enter the port you want to open
- Server IP: type in the IP address of the device you are opening ports for (PC, Xbox, PlayStation, etc.)
- Server Port: same as Service Port
- Protocol: select “BOTH” if not sure
- Check the “Enable” box

VIRTUAL SERVERS LIST					
ID	Service Ports	Server IP : Port	PROTOCOL	Enable	Schedule Rule#
1	3389	192.168.1.9 : 3389	BOTH ▾	<input checked="" type="checkbox"/>	Add New Rule...
2		:	BOTH ▾	<input type="checkbox"/>	Add New Rule...
3		:	BOTH ▾	<input type="checkbox"/>	Add New Rule...

Step 4. After adding all the required rules click on the [Apply Settings] button at the bottom of the page.

The screenshot shows the bottom portion of the Virtual Servers List configuration page. It features a table with four rows (IDs 17-20) for adding new rules. Below the table, the 'Apply Settings' button is circled in red, next to a 'Cancel' button. The footer of the page includes the 'BROADBAND' label and the copyright notice 'Copyright © 2012-2014 D-Link Systems, Inc.'.