Step 1. Before you open ports in your router, set the computer (or the device) which requires ports to be opened for, with a static IP address. You can choose any IP address from the range of addresses you are using on your local network, as soon as it is not used by any other device. The default range is from 10.1.1.2 to 10.1.1.254. In our example we are using 10.1.1.99.

Windows XP: Control Panel > Network Connections > Local Area Connection > Properties > Internet protocol TCP/IP > Properties

Windows Vista: Control Panel > Network and Internet > [Network and Sharing Centre] > View Network Status and Tasks > View Status > Properties > Internet Protocol v4 > Properties

Select the "Use the following IP address" option:

IP address: 10.1.1.99 Subnet mask: 255.0.0.0 Default Gateway: 10.1.1.1 (your router's address) DNS: 10.1.1.1 and 61.88.88.88 (or whichever your provider is using)

Internet Protocol (TCP/IP) Prope	rties 🔹 🛛 🛛							
General								
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.								
◯ <u>O</u> btain an IP address automatically								
• • • • • • • • • • • • • • • • • • •								
IP address:	10 . 1 . 1 . 99							
S <u>u</u> bnet mask:	255.0.0.0							
<u>D</u> efault gateway:	10 . 1 . 1 . 1							
O <u>D</u> tain DNS server address autom	natically							
● Use the following DNS server add	resses:							
Preferred DNS server:	10 . 1 . 1 . 1							
Alternate DNS server:	61 . 88 . 88 . 8							
Ad <u>v</u> anced								
OK Cancel								

Now open the necessary ports in your router and redirect the traffic to the 10.1.1.99 address. Here are the steps:

Step 2. Open your web browser and enter the IP address of the router (http://10.1.1.1). Enter user name and password (default username "admin" and password is "admin").

Eile Edit View Favorites Tools Help Address	
Address http://10.1.1.1/	
Connect to 10.1.1.1	
Connect to 10.1.1.1	
A CONTRACT OF A	
DSL-G604T Admin Login	
User name: 🖸 admin	
Password:	
Remember my password	
OK Cancel	

Step 3. Click on Advanced at the top and then click on LAN Clients.

D-Link Building Networks for People				DSL-C Wireless A	G604 DSL Ro	Tuter
1	Home	Advo	anced	Tools	Status	Help
	LAN Clients					
UPnP	IP Address					
Virtual Server	Host Name		ſ	Add		
Lan Clients				40.4.4.2.40.4.4.25		
SNMP		Statia /	alid IP Range:	10.1.1.2 - 10.1.1.254	•	
		Delete	IP Address	Host Names	Туре	
Filters						



Step 4. You will need to add a LAN Client (the address of your computer or a device) into the router before you can open any ports. Type in the **IP address** of the Computer/Device (the one you assigned in **Step 1**). You can specify the name of this workstation under **Host Name** (optional). Click **Add** and then **Apply**.

LAN Clients							
IP Address		10.1.1.	99				
Host Name		MyPC					
	Add						
	V	/alid IP Range:	10.1.1.2 - 10.1.1.254				
	Static A	Static Addresses					
	Delete	Delete IP Address Host Names Type					
		10.1.1.99	MyPC	Static			
	Dynam	ic Addresses	3				
	Reserve	IP Address	Host Names	Туре			
		S Apply	Cancel Help				

Step 5. Go to **Advanced** > **Virtual Server** (Port Forwarding). There is a list of pre-set ports in the router which you can choose from.

a a	Home	Advanced	Tools	Status	Hel
UPnP	Conn LAN I	er ection: Pvc0 V P 10.1.1.99 V	New IP		
firtual Server	Category	Available Rule	es	Applied Ru	les
Lan Clients SNMP Filters	 Games VPN Audio/Video Apps Servers User 	Alien vs Predator Asheron's Call Dark Rein 2 Delta Force Doom Dune 2000 DirectX (7.8) Games EliteForce EverQuest Fighter Ace II	Add > < Remove		



Step 5a. If your specific application is not listed there, you can add the necessary ports yourself. Select the "User" Category and click on Add button below.

Virtual Serve Conr LAN	r nection: Pvc0 👻 IP 10.1.1.99 💙 New IP)			
Category	Available Rules]	Applied Rules	
 Games VPN Audio/Video Apps Servers User 	Add Edit Delete	Add > < Remove		
You must save s	ettings and reboot to take effect		Mapply Cancel He	þ

Step 5b. Enter a name for this entry under **Rule Name**. Then select the necessary **protocol**. If there is a range of ports to open, specify the starting port under **Port Start** and the ending port under **Port End**. If you need to open just one port, specify this port number in all fields including the **Port Map**. Click **Apply**.

R	ule Mana	gement						
	Rı	ıle Name	MyProgra	m				
	Pr	otocol	TCP	~				
	Po	ort Start	8081]	Por	rt End	8085	
	Po	ort Map	8081		Por	rt Map End	d 8085	
	Apply Cancel							
1	Protocol	Port St	art P	ort End	Port Map	Port	Map End	Delete
	ТСР	8081		8085	8081		8085	



Step 6. Go back to **Advanced** > **Virtual Server**. Under **LAN IP** select your LAN Client (which you added in **Step 4**). Select the **Category** and the desired Rule or select "**User**" Category and you should see the rule which you have created in **Step 5b**. Select it and then click on **Add** > to move it into the Applied Rules section. Click **Apply**.



Step 7. To save the new settings into the router's memory go to **Tools** > **System**. Click on **Save and Reboot** button. The router will save the settings and restart.

	D-Link Building Networks for People	_	DSL-G604T Wireless ADSL Router					
	Admin	Home System Set	Advanced tings	Tools	Status	Help		
	Time	The current syst Save Settings Save	tem settings can be save To Local Hard Drive	d as a file onto the l	ocal hard drive.			
$\boldsymbol{\mathcal{C}}$	Remotelog	Load Settings	Load Settings From Local Hard Drive					
	Firmware	Load Note: The system	m has to be restarted afte	er the configuration	is restored.			
	Miscellaneous	Save Settings Save and Restore To Fa	Reboot The Syste	em.				
	Logout	Restore Force the DSL Restart AP	G604T Wireless LAN	to restart.				



Note 1: If you are opening ports for FTP, Telnet or other service, please make sure this service is not additionally blocked by the router's firewall. You can verify this under **Advanced** > **Firewall > Service Filtering**.

Note 2: Because routers use NAT (Network Address Translation), you can only open a specific port to one computer at a time. For example: If you have two Web servers on your network, you cannot forward port 80 to both computers. You will need to configure one of the web servers to use port 81. Now you can forward port 80 to the first computer and then forward port 81 to the other computer.

Note 3: Please be aware that from inside your LAN you will not be able to access your server using its public IP address or name. On your LAN you will need to use its local IP address instead (10.1.1.99).

Note 4: It is quite common for Internet Service Providers to block common ports like 80, 21, 25. If you are having troubles running services on these ports please contact your provider.

