

The below guide will go through the steps needed to only allow a signal IP on the Internet to access a one port, in three simple steps.

1st Under Advanced > Virtual Server, Open the service port.

Virtual Server

Virtual Server is used to allow Internet users access to LAN services.

NAT:

Private IP:

Protocol Type:

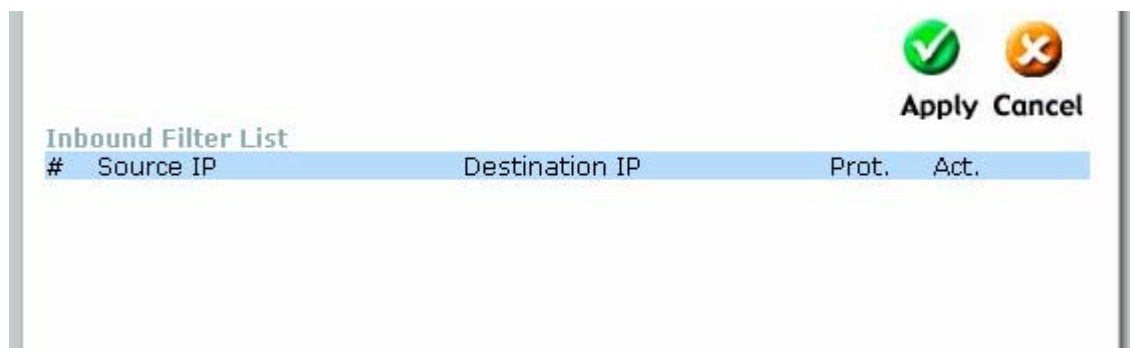
Private Port:

Public Port: ~

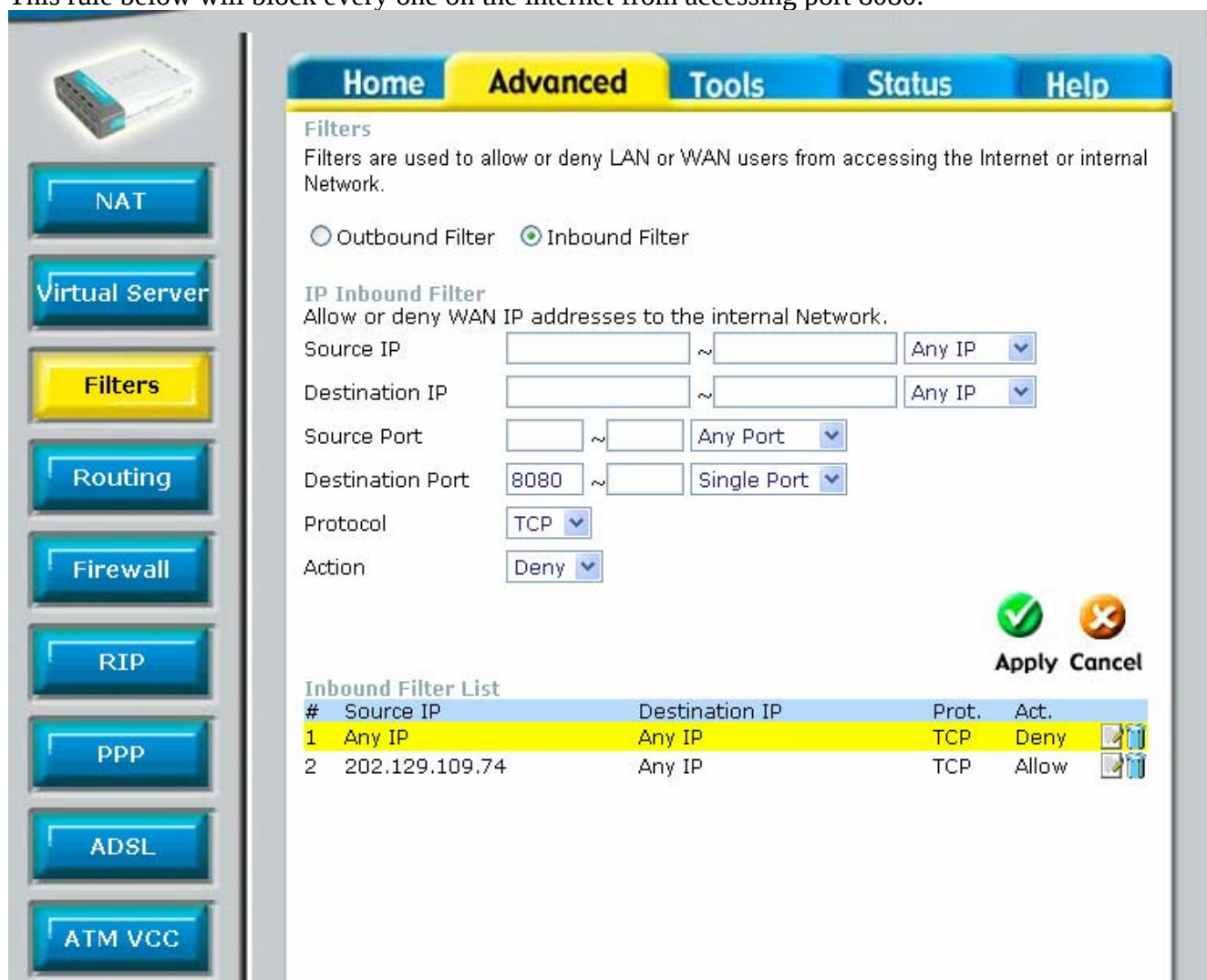
Virtual Servers List

#	Private IP	Protocol	Private Port	Public Port
1	10.1.1.10	All	8080	Any Port

2nd Under Advanced > Filters, Click on the Inbound Filter button.
 Next Delete all enters that are there.



Then add a rule like the below.
 This rule below will block every one on the internet from accessing port 8080.



3rd Now add one more rule, this time Use the IP that you want to allow into the network.
In the below example, IP 202.129.109.74 will be the only IP that can access port 8080.

Make sure you go into Tools , Misc and click on “save and reboot”

The screenshot shows a network configuration interface with a sidebar on the left containing buttons for NAT, Virtual Server, Filters (highlighted), Routing, Firewall, RIP, PPP, ADSL, and ATM VCC. The main panel has tabs for Home, Advanced (selected), Tools, Status, and Help. Under the 'Advanced' tab, the 'Filters' section is active, showing a description and radio buttons for 'Outbound Filter' and 'Inbound Filter' (selected). The 'IP Inbound Filter' configuration fields are as follows:

Field	Value	Separator	Value	Dropdown
Source IP	202.129.109.74	~		Single IP
Destination IP		~		Any IP
Source Port		~		Any Port
Destination Port	8080	~		Single Port
Protocol	TCP			
Action	Allow			

Below the configuration fields is the 'Inbound Filter List' table:

#	Source IP	Destination IP	Prot.	Act.	
1	Any IP	Any IP	TCP	Deny	
2	202.129.109.74	Any IP	TCP	Allow	

At the bottom right of the configuration area are 'Apply' and 'Cancel' buttons with green and orange checkmark icons respectively.