# Netopia Router Setup



## Overview

Follow these steps for Router Firewall Setup for a SnapAV IP product with a Netopia router. Some of the screens may look different; however the steps will be the same. If you have questions about your specific Netopia device, please contact technical support.

## **Before Beginning**

Complete the initial setup of the SnapAV IP product by following the instructions in the products owner's manual.

The following information from the SnapAV IP product setup is needed to complete the setup of the router:

- Static IP address of the SnapAV IP product
- Control Port
- Data Port
- HTTP Port

#### Important note before beginning regarding this device:

In most Netopia devices, port 80 is reserved and cannot be used for any custom services. In these cases it will be necessary to use any port besides 80. The only difference is that now you must append an ':81' to the end of the address if accessing from a web browser..

EXAMPLE: <u>http://192.168.1.100:81/ie.htm</u>

: <u>http://example.wirepathdns.com:81/ie.htm</u>

### Setting Up the Router

- 1. Before logging into the router, connect the SnapAV IP product to the Network and turn it on.
- 2. Login to router using the default gateway, and username/password that is in the router user manual.
- 3. Once logged in, locate the Expert Mode tab on the left.

Home				He	
netonia				4	
netopia.	Netopia 3347NWG Home Page				
Ouiok Start	Router Name	Netopia-3000/23814000	Model	3347NWG	
Test Router	Serial Number	23814000	Software Release	7.6.1r6	
Enable Remote Mgmt	Warranty Date (m/d/yyyy)	11/12/2008			
Update Firmware	Status of DSL	Up			
Factory Reset	Local WAN IP Address	68.19.130.197	Primary DNS	207.203.159.23	
Modern Self Test	Remote Gateway Address	68.19.130.1	Secondary DNS	205.152.37.23	
Wireless	ISP Username	geribeth@bellsouth.net			
Expert Mode	Ethernet Status	Up			
	Date & Time	5/8/12 09:11:15 AM			
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pg. 1

#### \* Click Yes to confirm that you want to enter Expert Mode:

Home		He
netopia.	Expert Mode Confirmation	4
Quick Start Test Router Enable Remote Mgmt Update Firmware Factory Reset Modem Self Test	You are now entering Expert Mode which is for advanced configuration, management and troubleshooting. If you change any parameters, the unit may not operate properly. Click "Yes" to continue or click "No" to return to the previous screen.	
<u>IP Passthrough</u> <u>Wireless</u> Expert Mode	© 2006 Netopia, Inc.	

4. Click on the Configure tab at the top of the screen and then select Advanced from the list.

Home	Configure Troubleshoot	Security Install			Restart Help	
	Home				Â	
netopia.	General Information					
	Router Name	Netopia-3000/23814000	Model	3347NWG		
Configure	Serial Number	23814000				
Security	Software Version	7.6.1r6	BreakWater Firewall	ClearSailing		
Install	Product ID	1225				
Basic Mode	Date & Time	5/8/12 09:11:21 AM	Safe Harbour	On		
	WAN					
	Status	Up	Data Rate (Kbps)	Downstream: 8000 Upstream: 512		
	Local Address	68.19.130.197	Peer Address	68.19.130.1		
	Connection Type	Always On				
	NAT	On	WAN Users	Unlimited		
			LAN			
	IP Address	192.168.1.254				
	Netmask	255.255.255.0	Ethernet Status	Up		
	DHCP Server	On	DHCP Leases	12 out of 253 leases in use		
	DNS-1	207.203.159.23	DNS-2	205.152.37.23		
			@ 2006 Netopia Inc			

Home	Configure Troubleshoot Security I	nstall	Restart Help		
notonia	<u>Home</u> > Configure				
Quickstart LAN WAN Advanced	To make configuration changes, follow these steps:         1. Make a change to a field or parameter.         2. Click Submit. This change int permanent, you'll save it later. The Alert button (top right corner) appears.         3. Make more changes, if desired.         4. Click the Alert button. The Save Changes page appears.         5. If your changes are validated, you can save them. If not, a descriptive message appears.         6. Choose Save and Restart. The Gateway restarts with your changes.				
	Quickstart	For most users, Quickstart includes everything needed to configure a connection to your Service Provider.			
	LAN	Configuration options for the Local Area Network side of the Gateway.			
	WAN Configuration options for the Wide Area Network connection on the Gateway.				
	Advancel configuration options for the Gateway. Consult the user documentation or help text before changing any of these configuration options.				
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5. Once the page is loaded click on Pinholes in the NAT section.

Home	Configure Troubleshoot Security Install			
a sector	Home > Configure > Advanced			
topia.			Network Configuration	1
		IP Static Routes	Build IP static route table	
art		IP Static ARP	Build IP static ARP table	
			NAT	
		Pipholes	Set up pinholes through NAT	
		<b>IFMaps</b>	Set up NAT one-to-one IP address mappings	
		Default Server	Set up NAT default server options	
		NAT Table Monitoring	Set up NAT Table Monitoring options	
			Services	
		Differentiated Services	Set up Differentiated Service options	
		DNS	Set up DNS options	
		DHCP Server	Set up DHCP server and relay-agent options	
		RADIUS Server	Set up RADIUS server options	
		SNMP	Set up SNMP community, trap and system group options	
		IGMP	Set up IGMP options	
		UPnP	Enable or disable Universal Plug'n'Play	
		LAN Management (TR-064)	Enable or disable DSL Forum LAN-Side DSL CPE Configuration services	s
		Ethernet Bridge	Set up ethernet MAC bridge	
		VLAN	Setup VLAN Configuration	
			Miscellaneous	
		System	Configure System parameters	
		Syslog Parameters	Set up Syslog	
		Internal Servers	Configure internal web and telnet ports	
		Software Hosting	Set up Software Hosting	
		Clear Options	Restore the Gateway to its factory configuration	
		Time Zone	Time Zone settings	
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#### 6. Select ADD.

Home	Configure Troubleshoot Security Install Restart	Help
a de ate	Home > Configure > Advanced > Pinholes	
Quickstart	To create a new pinhole entry, press the "Add" button. To edit or delete a pinhole entry, select the entry and press the "Edit" or "Delete" button.	
WAN	Pinholes	
Advanced	Name-DVR HTTP Protocol-TCP InsidelPAddr-192.168.1.173	
	Name-DVR control Protocol-LOP Instell-Addr-192.168.1.173	
	Name-DVR Data Protocol-TCP InsidelPAddr-192.168.1.173	
	Add Edit Delete	
	© 2006 Netopia, Inc.	
Home	Configure Troubleshoot Security Install	Help
	Home > Configure > Advanced > Pinholes > Edit Pinhole	
netopia	• Pinhole Entry	
Quickstart	Pinhole Name DVR Control	
LAN	Protocol TCP -	
Advanced	External Port Start 67	
	External Port End 67	
	Internal IP Address 192.168.1.173	
	Internal Port 67	
	Submit	
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- 7. In the "Pinhole Name" field, enter a simple description for the port being forwarded. In the protocol field, select either "TCP" or "UDP". If you need to forward a port on both protocols, be sure to add 1 definition for the same port using each protocol type. Enter the same port number you wish to forward into "External Port Start", ""External Port End", and "Internal Port". Last, enter the IP address you reserved and set in the SnapAV device into the "Internal IP Address" field.
- 8. Repeat Step 7 for all ports that you wish to forward.
- 9. Once you have entered all the ports for this entry click the yellow triangle in the corner and then select Save and Restart. Be sure to reboot the SnapAV device after finishing the setup to ensure all setting changes take place correctly.

pg. 3

# Netopia Router Setup

# **Contacting Technical Support**

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