

Configuration of Draytek 2820n router

The screenshot shows the web interface of a DrayTek Vigor2820 Series router. The browser address bar shows the URL `http://192.168.90.1/`. The page title is "VIGOR 2820 SERIES ADSL2/2+ SECURITY FIREWALL". The DrayTek logo and website URL are visible in the top right corner.

The left sidebar contains a navigation menu with the following items:

- Auto Logout
- Quick Start Wizard
- Service Activation Wizard
- Online Status
- WAN
- LAN
- NAT
 - Port Redirection
 - DMZ Host
 - Open Ports
 - Address Mapping
 - Port Triggering
- Firewall
- Objects Setting
- CSM
- Bandwidth Management
- Applications
- VPN and Remote Access
- Certificate Management
- Wireless LAN
- USB Application
- System Maintenance
- Diagnostics
- External Devices

The main content area is titled "NAT >> Open Ports >> Edit Open Ports". Under "Index No. 1", there is a section for "Enable Open Ports" with the following fields:

- Enable Open Ports
- Comment: Suresignal
- WAN Interface: WAN2
- Local Computer: 192.168.90.253

Below these fields is a table with 10 rows and 7 columns. The columns are: Index, Protocol, Start Port, End Port, Index, Protocol, Start Port, End Port.

	Protocol	Start Port	End Port		Protocol	Start Port	End Port
1.	TCP/UDP	8	8	2.	TCP/UDP	50	50
3.	TCP/UDP	123	123	4.	TCP/UDP	500	500
5.	TCP/UDP	4500	4500	6.	TCP/UDP	1723	1723
7.	-----	0	0	8.	-----	0	0
9.	-----	0	0	10.	-----	0	0

At the bottom of the configuration area are three buttons: OK, Clear, and Cancel.

The status bar at the bottom of the browser window shows "Done" and "Internet | Protected Mode: On".

Laptop with Windows XP firewall disabled

Total elapsed testing time: 0.260 seconds

TruStealth Analysis

FAILED **FAILED**

Solicited TCP Packets: RECEIVED (FAILED) — As detailed in the port report below, one or more of your system's ports actively responded to our deliberate attempts to establish a connection. It is generally possible to increase your system's security by hiding it from the probes of potentially hostile hackers. Please see the details presented by the specific port links below, as well as the various resources on this site, and in our extremely helpful and active [user community](#).

Unsolicited Packets: PASSED — No Internet packets of any sort were received from your system as a side-effect of our attempts to elicit some response from any of the ports listed above. Some questionable personal security systems expose their users by attempting to "counter-probe the prober", thus revealing themselves. But your system remained wisely silent. (Except for the fact that not all of its ports are completely stealthed as shown below.)

Ping Echo: PASSED — Your system ignored and refused to reply to repeated Pings (ICMP Echo Requests) from our server.

Port	Status	Protocol and Application
8	Closed	Unknown Protocol for this port Unknown Application for this port
50	Closed	re-mail-ck Remote Mail Checking Protocol
123	Closed	ntp Network Time Protocol
500	Closed	isakmp Internet Security Association and Key Management Protocol (ISAKMP)
1723	OPEN!	pptp pptp
4500	Closed	ipsec-msft Microsoft IPsec NAT-T

The ports you specified have been successfully probed. Their open, closed, or stealth status is displayed in the table above. This Text Summary button provides a textual report that can be printed, copied, and saved:

[Text Summary](#)

Done Internet | Protected Mode: On 100%

Laptop with Windows XP firewall enabled

Total elapsed testing time: 5.059 seconds

TruStealth Analysis

FAILED **FAILED**

Solicited TCP Packets: RECEIVED (FAILED) — As detailed in the port report below, one or more of your system's ports actively responded to our deliberate attempts to establish a connection. It is generally possible to increase your system's security by hiding it from the probes of potentially hostile hackers. Please see the details presented by the specific port links below, as well as the various resources on this site, and in our extremely helpful and active [user community](#).

Unsolicited Packets: PASSED — No Internet packets of any sort were received from your system as a side-effect of our attempts to elicit some response from any of the ports listed above. Some questionable personal security systems expose their users by attempting to "counter-probe the prober", thus revealing themselves. But your system remained wisely silent. (Except for the fact that not all of its ports are completely stealthed as shown below.)

Ping Echo: PASSED — Your system ignored and refused to reply to repeated Pings (ICMP Echo Requests) from our server.

Port	Status	Protocol and Application
8	Stealth	Unknown Protocol for this port Unknown Application for this port
50	Stealth	re-mail-ck Remote Mail Checking Protocol
123	Stealth	ntp Network Time Protocol
500	Stealth	isakmp Internet Security Association and Key Management Protocol (ISAKMP)
1723	OPEN!	pptp pptp
4500	Stealth	ipsec-msft Microsoft IPsec NAT-T

The ports you specified have been successfully probed. Their open, closed, or stealth status is displayed in the table above. This Text Summary button provides a textual report that can be printed, copied, and saved:

[Text Summary](#)

Done Internet | Protected Mode: On 100%

Configuration of Draytek 2820n router – TCP ports

The screenshot shows the DrayTek Vigor2820 Series web interface in Internet Explorer. The page title is "VIGOR 2820 SERIES ADSL2/2+ SECURITY FIREWALL". The left sidebar contains a navigation menu with "NAT" expanded to "Port Redirection". The main content area is titled "NAT >> Port Redirection" and contains a table of port redirection rules.

Index	Service Name	WAN Interface	Protocol	Public Port	Private IP	Status
1.	SMTP	WAN2	TCP	25	192.168.90.2	v
2.	HTTP	WAN2	TCP	80	192.168.90.2	v
3.	HTTPS	WAN2	TCP	443	192.168.90.2	v
4.	MS SBS Sharepoint	WAN2	TCP	987	192.168.90.2	v
5.	SS0008t	WAN2	TCP	8	192.168.90.253	v
6.	SS0050t	WAN2	TCP	50	192.168.90.253	v
7.	SS0123t	WAN2	TCP	123	192.168.90.253	v
8.	SS0500t	WAN2	TCP	500	192.168.90.253	v
9.	SS4500t	WAN2	TCP	4500	192.168.90.253	v
10.	SS1723t	WAN2	TCP	1723	192.168.90.253	v

Navigation links: << 1-10 | 11-20 >> [Next >>](#)

Configuration of Draytek 2820n router – UDP ports

The screenshot shows the DrayTek Vigor2820 Series web interface in Internet Explorer. The page title is "VIGOR 2820 SERIES ADSL2/2+ SECURITY FIREWALL". The left sidebar contains a navigation menu with "NAT" expanded to "Port Redirection". The main content area is titled "NAT >> Port Redirection" and contains a table of port redirection rules.

Index	Service Name	WAN Interface	Protocol	Public Port	Private IP	Status
11.	SS0008u	WAN2	UDP	8	192.168.90.253	v
12.	SS0050u	WAN2	UDP	50	192.168.90.253	v
13.	SS0123u	WAN2	UDP	123	192.168.90.253	v
14.	SS0500u	WAN2	UDP	500	192.168.90.253	v
15.	SS4500u	WAN2	UDP	4500	192.168.90.253	v
16.	SS1723u	WAN2	UDP	1723	192.168.90.253	v
17.		All				x
18.		All				x
19.		All				x
20.		All				x

Navigation links: << 1-10 | 11-20 >> [Back <<](#)

Laptop with Windows XP firewall disabled

Total elapsed testing time: 0.258 seconds

TruStealth Analysis

FAILED **FAILED**

Solicited TCP Packets: RECEIVED (FAILED) — As detailed in the port report below, one or more of your system's ports actively responded to our deliberate attempts to establish a connection. It is generally possible to increase your system's security by hiding it from the probes of potentially hostile hackers. Please see the details presented by the specific port links below, as well as the various resources on this site, and in our extremely helpful and active [user community](#).

Unsolicited Packets: PASSED — No Internet packets of any sort were received from your system as a side-effect of our attempts to elicit some response from any of the ports listed above. Some questionable personal security systems expose their users by attempting to "counter-probe the prober", thus revealing themselves. But your system remained wisely silent. (Except for the fact that not all of its ports are completely stealthed as shown below.)

Ping Echo: PASSED — Your system ignored and refused to reply to repeated Pings (ICMP Echo Requests) from our server.

Port	Status	Protocol and Application
8	Closed	Unknown Protocol for this port Unknown Application for this port
50	Closed	re-mail-ck Remote Mail Checking Protocol
123	Closed	ntp Network Time Protocol
500	Closed	isakmp Internet Security Association and Key Management Protocol (ISAKMP)
1723	OPEN!	pptp pptp
4500	Closed	ipsec-msft Microsoft IPsec NAT-T

The ports you specified have been successfully probed. Their open, closed, or stealth status is displayed in the table above. This Text Summary button provides a textual report that can be printed, copied, and saved:

[Text Summary](#)

Done Internet | Protected Mode: On 100%

Laptop with Windows XP firewall enabled

Total elapsed testing time: 5.099 seconds

TruStealth Analysis

FAILED **FAILED**

Solicited TCP Packets: RECEIVED (FAILED) — As detailed in the port report below, one or more of your system's ports actively responded to our deliberate attempts to establish a connection. It is generally possible to increase your system's security by hiding it from the probes of potentially hostile hackers. Please see the details presented by the specific port links below, as well as the various resources on this site, and in our extremely helpful and active [user community](#).

Unsolicited Packets: PASSED — No Internet packets of any sort were received from your system as a side-effect of our attempts to elicit some response from any of the ports listed above. Some questionable personal security systems expose their users by attempting to "counter-probe the prober", thus revealing themselves. But your system remained wisely silent. (Except for the fact that not all of its ports are completely stealthed as shown below.)

Ping Echo: PASSED — Your system ignored and refused to reply to repeated Pings (ICMP Echo Requests) from our server.

Port	Status	Protocol and Application
8	Stealth	Unknown Protocol for this port Unknown Application for this port
50	Stealth	re-mail-ck Remote Mail Checking Protocol
123	Stealth	ntp Network Time Protocol
500	Stealth	isakmp Internet Security Association and Key Management Protocol (ISAKMP)
1723	OPEN!	pptp pptp
4500	Stealth	ipsec-msft Microsoft IPsec NAT-T

The ports you specified have been successfully probed. Their open, closed, or stealth status is displayed in the table above. This Text Summary button provides a textual report that can be printed, copied, and saved:

[Text Summary](#)

Done Internet | Protected Mode: On 100%

This is the result with the Suresignal connected

Total elapsed testing time: 5.076 seconds

TruStealth Analysis

FAILED **FAILED**

Solicited TCP Packets: RECEIVED (FAILED) — As detailed in the port report below, one or more of your system's ports actively responded to our deliberate attempts to establish a connection. It is generally possible to increase your system's security by hiding it from the probes of potentially hostile hackers. Please see the details presented by the specific port links below, as well as the various resources on this site, and in our extremely helpful and active [user community](#).

Unsolicited Packets: PASSED — No Internet packets of any sort were received from your system as a side-effect of our attempts to elicit some response from any of the ports listed above. Some questionable personal security systems expose their users by attempting to "counter-probe the prober", thus revealing themselves. But your system remained wisely silent. (Except for the fact that not all of its ports are completely stealthed as shown below.)

Ping Echo: PASSED — Your system ignored and refused to reply to repeated Pings (ICMP Echo Requests) from our server.

Port	Status	Protocol and Application
8	Stealth	Unknown Protocol for this port Unknown Application for this port
50	Stealth	re-mail-ck Remote Mail Checking Protocol
123	Stealth	ntp Network Time Protocol
500	Stealth	isakmp Internet Security Association and Key Management Protocol (ISAKMP)
1723	OPEN!	pptp pptp
4500	Stealth	ipsec-msft Microsoft IPsec NAT-T

The ports you specified have been successfully probed. Their open, closed, or stealth status is displayed in the table above. This Text Summary button provides a textual report that can be printed, copied, and saved:

[Text Summary](#)

Internet | Protected Mode: On 100%