

# NetWatcher 2000

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# What is NetWatcher

Everytime you browse on the Internet, send e-mail, or submit any private information to a web site, you broadcast your computer's unique IP Address. With this IP address, someone can begin hacking into your computer without you even knowing about it. Until now, there has been no way of telling if this has happened to you or any way of stopping it. NetWatcher 2000 enables you to protect your PC and everything on it from unwanted intruders! Nobody accesses your data without your knowledge or permission!

NetWatcher 2000 is more than just protection against Internet Intruders, it allows you to track down your Intruder's ISP contact information and report the attack. This allows you to contact the Intruder's ISP and make them aware that someone on their network has tried to attack your computer. In most cases, they have the power to find out who the Intruder is and prevent any future attacks. With Netwatcher 2000's built in 'Attack Log', you can view the date, time, IP Address, and Port Number used by the Intruder in the attack.

## **How Does NetWatcher Work**

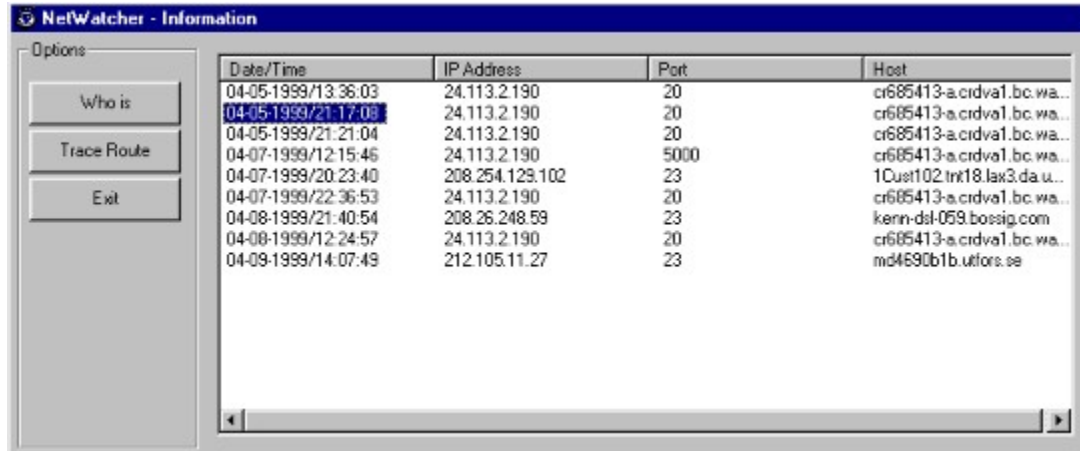
NetWatcher monitors certain ports on your system waiting for intruders who use scanning tools to see if they can access your system without your knowledge.

## How Do I know if NetWatcher is Working?



You will notice a little eye icon in the lower right hand corner of your screen. The eye icon lets you know that NetWatcher is active and working.

## What is Logging



NetWatcher - Information

Options

- Who is
- Trace Route
- Exit

Date/Time	IP Address	Port	Host
04-05-1999/13:36:03	24.113.2.190	20	cr685413-a.crdva1.bc.wa...
04-05-1999/21:17:08	24.113.2.190	20	cr685413-a.crdva1.bc.wa...
04-05-1999/21:21:04	24.113.2.190	20	cr685413-a.crdva1.bc.wa...
04-07-1999/12:15:46	24.113.2.190	5000	cr685413-a.crdva1.bc.wa...
04-07-1999/20:23:40	208.254.129.102	23	1Cust102.trk18.lax3.da.u...
04-07-1999/22:36:53	24.113.2.190	20	cr685413-a.crdva1.bc.wa...
04-08-1999/21:40:54	208.26.248.59	23	kenn-dsl-059.bossig.com
04-08-1999/12:24:57	24.113.2.190	20	cr685413-a.crdva1.bc.wa...
04-09-1999/14:07:49	212.105.11.27	23	md4690b1b.utfors.se

## What is a Warning Dialog



If this option is turned off the Dialog Box above will not be displayed. It is recommended that this option be always enabled.

## What is Auto-Startup



If auto-Startup is enabled NetWatcher will always boot up and run when your computer reboots.



logging

## What is Emergency ShutDown



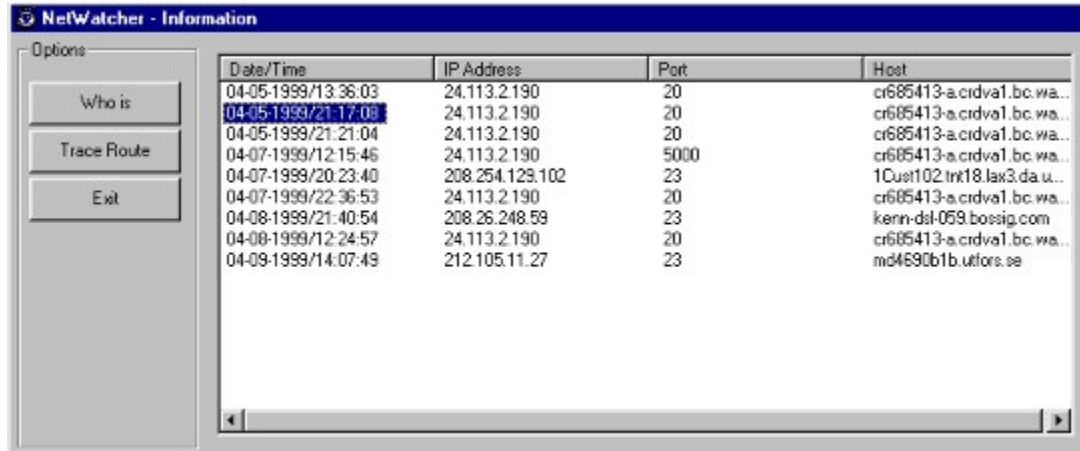
If an intruder is detected NetWatcher will shut down the system immediately if this option is enabled.

## Sound Alarm



If an intruder is detected an alarm will sound. This option can be turned on or off.

## View Log File



The screenshot shows a window titled "NetWatcher - Information". On the left side, there is a panel labeled "Options" containing three buttons: "Who is", "Trace Route", and "Exit". The main area of the window displays a table with the following columns: "Date/Time", "IP Address", "Port", and "Host". The table contains ten rows of log entries. The second row, representing an intrusion, is highlighted in blue.

Date/Time	IP Address	Port	Host
04-05-1999/13:36:03	24.113.2.190	20	cr685413-a.crdva1.bc.wa...
04-05-1999/21:17:08	24.113.2.190	20	cr685413-a.crdva1.bc.wa...
04-05-1999/21:21:04	24.113.2.190	20	cr685413-a.crdva1.bc.wa...
04-07-1999/12:15:46	24.113.2.190	5000	cr685413-a.crdva1.bc.wa...
04-07-1999/20:23:40	208.254.129.102	23	1Cust102.trk18.lax3.da.u...
04-07-1999/22:36:53	24.113.2.190	20	cr685413-a.crdva1.bc.wa...
04-08-1999/21:40:54	208.26.248.59	23	kenn-dsl-059.bosig.com
04-08-1999/12:24:57	24.113.2.190	20	cr685413-a.crdva1.bc.wa...
04-09-1999/14:07:49	212.105.11.27	23	md4690b1b.utfors.se

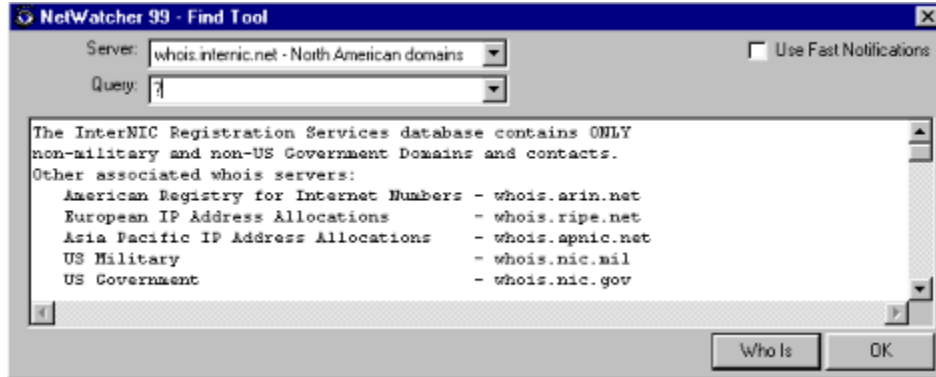
NetWatcher's Log File shows you the date and time of an intrusion, the intruder's IP address, the port(s) attacked on your computer, and the host name of the Internet Service Provider the intruder called through.

## Clear Log File



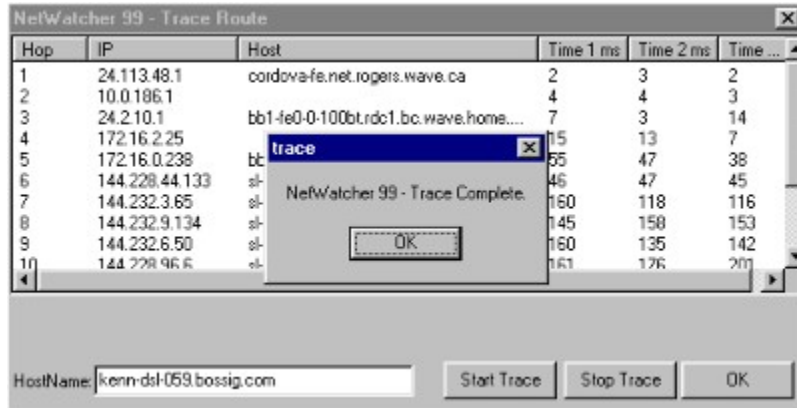
This will clear the log file.

## What is Whois



Using the host name provided in NetWatcher's log file, the program performs a "Whois" which provides you with all of the information you need to contact the intruder's Internet Service Provider.

## What is Trace Route



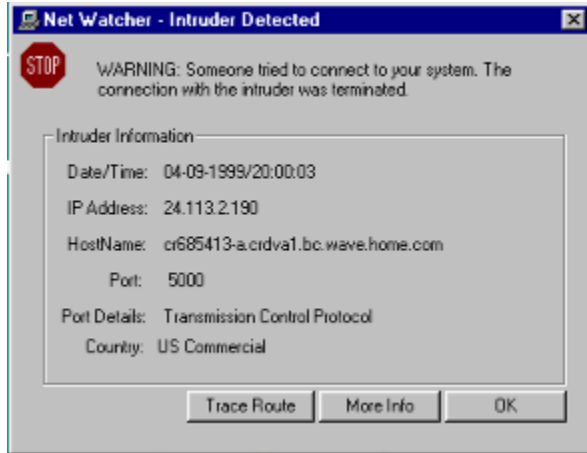
Hop	IP	Host	Time 1 ms	Time 2 ms	Time ...
1	24.113.48.1	cordova-fe.net.rogers.wave.ca	2	3	2
2	10.0.186.1		4	4	3
3	24.2.10.1	bb1-fe0-0-100bt.rdc1.bc.wave.homs....	7	3	14
4	172.16.2.25		15	13	7
5	172.16.0.238	bb	55	47	38
6	144.228.44.133	sl-	46	47	45
7	144.232.3.65	sl-	160	118	116
8	144.232.9.134	sl-	145	158	153
9	144.232.6.50	sl-	160	135	142
10	144.228.96.6	sl-	161	176	200

HostName: kenn-dsl-059.bossig.com

Start Trace Stop Trace OK

This option will allow you to trace the number of paths from the intruder's computer to yours.

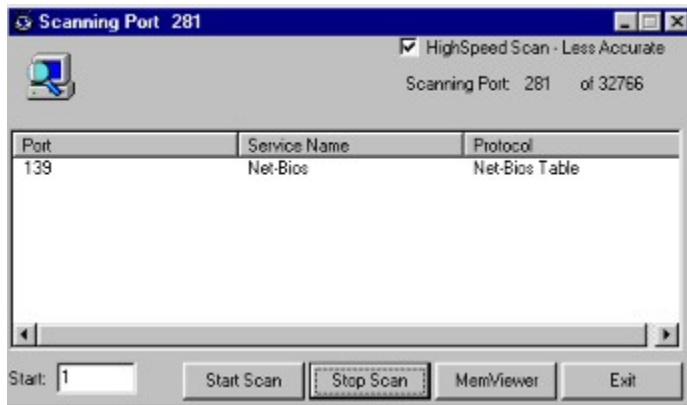
## Test NetWatcher



NetWatcher 2000 will simulate an attack to make sure everything is working properly. If you don't see a Dialog Box with different information like the one above then NetWatcher is not working.



## Scan For Security Hazards



This option will scan your entire system looking for any attached programs that are waiting on different ports for a client.

## **How to register NetWatcher 2000**

By email to:

moonsoft@home.com

\*Please include Serial number, found at the startup of Netwatcher or in the About box\*

Or through our web site:

<http://www.moonlight-software.com>

## **About MoonLight Software**

For more information on MoonLight Software, please visit our Web Site at:

<http://www.moonlight-software.com>

Or E-mail us at:

[moonsoft@home.com](mailto:moonsoft@home.com)

## **How to Report an Attack**

- Step 1. Look at the Whois report generated by Netwatcher, to find the address of your attacker.
- Step 2. Get the administrative and technical contact email addresses if available.
- Step 3. If the Whois report didn't offer any help you should email your log to root@isp
- Step 5. Copy the relevant entries from the log file into the body of the email message.
- Step 7. Be sure to sign the message with your real name and a phone number where the administrator at the originating host can contact you.



