Netscan Installation

SoftPerfect Network Scanner is a free utility that will discover all the PC and PC like devices on your network.

The Netscan utility ships without an installation program. Here is how you can install the program.

Surf out to http://www.softperfect.com/products/networkscanner/.

You should see:



Click on the "Download Now" button on the lower right portion of the window. You should see:

| File Download - Security Warning 🛛 🛛 🔀 | | | | | |
|--|--|--|--|--|--|
| Do you want to run or save this file? | | | | | |
| Name: netscan.exe Type: Application, 678KB From: www.softperfect.com <u>R</u> un <u>Save</u> Cancel | | | | | |
| While files from the Internet can be useful, this file type can potentially harm your computer. If you do not trust the source, do not run or save this software. What's the risk? | | | | | |

Click on Run. You should see:

| Verifying netscan.exe from 🔳 🗆 🔣 | | | | | |
|---|-------------------------|--|--|--|--|
| | C | | | | |
| netscan.exe from www.softperfect.com | | | | | |
| Estimated time left: 1 sec (357KB of 678KB copied) Download to: Temporary Folder Transfer rate: 262KB/Sec | | | | | |
| | Open Open Folder Cancel | | | | |

This progress window will be automatically replaced by:



| Internet Explorer - Security Warning 🛛 🛛 🔀 | | | | |
|--|-------------------------------|--|--|--|
| The publisher could not be verified. Are you sure you want to run this software? | | | | |
| Name: netscan.exe | | | | |
| Publisher: Unknown Publisher | | | | |
| | <u>R</u> un <u>D</u> on't Run | | | |
| This file does not have a valid digital signature that verifies its publisher. You should only run software from publishers you trust. <u>How can I decide what software to run?</u> | | | | |

Click on run. You should next see:

| SoftPerf | ect Network | Scanner | | | |
|------------------------------------|-----------------------------------|-------------|-----------------|-----------------|-----------|
| <u>F</u> ile <u>V</u> iew <u>A</u> | ctions <u>O</u> ptions <u>H</u> e | lp | | | |
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| IP Range From | 192 . 168 . 1 . | 0 To 192 | . 168 . 1 . 255 | 🕨 Start Scar | nning 👻 📗 |
| IP Address | Host Name | MAC Address | Response Time | Port SNM | P Logg |
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| Ready (0 compu | iters) | | | | |

NetScan is installed and ready to run.

Two rows down from the menu bar is the "IP Range" line.

If your network does not have a Linksys firewall router, then click on options and then on "auto detect IP range."

If your network has a Linksys router, then fill in the IP range line by setting "From" to 192.168.1.0 and "To" to 192.168.1.254. Your window should look like:



| SoftPerfect N | letwork Scanner | | | |
|---|-----------------|---------------------------|----------------------------|--------------|
| File View Action | ns Options Help | | | |
| 11 11 11 11 11 11 11 11 11 11 11 11 1 | 🔀 💑 📡 | 🌯 🖭 🥹 🔍 | Visit Developer's Web-Site | |
| IP Range From | 192 . 168 . 1 . | 0 <mark>To</mark> 192 . 1 | 168 . 1 . 254 🚺 Sta | art Scanning |
| IP Address | Host Name | MAC Address | Response Time Port | SNMP |
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Click on the start Scanning button. The screen below is similar to one you would get after scanning.

| SoftPerfect Network Scanner | |
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| File View Actions Options Help | |
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| IP Range From 192 . 168 . 1 . 0 To 192 . 168 . 1 . 254 💽 Start so | canning |
| IP Address Host Name MAC Address Response Time Port | SNMP |
| 3 192.168.1.1 1 ms | |
| $\blacksquare = 3$ [32,168,1,100 w/NHD 0108 $\blacksquare = 3$ [32,169,1,101 bn/2e/2e knology pet 0.008 | |
| 192.168.1.101 http://www.coms | |
| 3 102.100.1.201 | |
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| Ready (4 computers) Threads: 0 | |

Next select Options from the menu bar and then select "Program Options." You should see:

| Options 🔀 | | | | |
|-------------------------------------|--|--|--|--|
| 😰 General 😜 Shares 🗯 SNMP | | | | |
| Max. threads | | | | |
| Ping timeout, ms 1000 🗢 Retries 1 🛟 | | | | |
| Resolve host names | | | | |
| Resolve MAC addresses | | | | |
| Check for open port 80 | | | | |
| OK Cancel | | | | |

Check the box labeled "Resolve MAC addresses." (This feature is not available for all versions of Windows.) Your window will now look like:

| Options 🔀 | | | | |
|-------------------------------------|--|--|--|--|
| 😰 General 😜 Shares 🛍 SNMP | | | | |
| Max. threads | | | | |
| Ping timeout, ms 1000 🗢 Retries 1 🗢 | | | | |
| Resolve host names | | | | |
| Resolve MAC addresses | | | | |
| Check for open port 80 | | | | |
| | | | | |
| OK Cancel | | | | |

Next click on the "Shares" tab. You should see a window similar to:

| Options | | | × |
|------------|----------------|-------------------------------|---|
| 😰 General | 🔒 Shares | 🗯 SNMP | |
| 🗹 Scan fo | r shared resou | rces 🔽 Check for write access | |
| ⊙ All | | 🔘 Comm. device | |
| Folders | | 🔘 Special | |
| O Printers | | O IPC | |
| | | | |
| | ОК | Cancel | |

Match the checks and button selections to the screen shot above. Then click on OK. You will return to the main Network Scanner window.

| SoftPerfect Network Scanner | |
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| File View Actions Options Help | |
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| IP Range From 192 . 168 . 1 . 0 To 192 . 168 . 1 . | 254 🚺 Start scanning |
| IP Address Host Name MAC Address Response T | ime Port SNMP |
| 😡 192.168.1.1 1 ms | |
| 🗉 💆 192.168.1.100 W7IJHD 0 ms | |
| 🗉 👮 192.168.1.101 hn2e2e.knology.net 🛛 0 ms | |
| 👰 192.168.1.231 Oms | |
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| Ready (4 computers) Threads: 0 | |

Click on the Start Scanning button again. The window will now provide you with additional information.

| SoftPerfect Network Scanner |
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| File View Actions Options Help |
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| IP Range From 192 . 168 . 1 . 0 To 192 . 168 . 1 . 254 💽 Start scanning |
| IP Address Host Name MAC Address Response Time Port SNMP |
| 9 192.168.1.1 00-20-78-C6-87-BE 1 ms 9 192.168.1.3 00-05-1B-08-00-73 58 ms |
| |
| Image: 192.168.1.101 nn2e2e.knology.net 00-03-47-12-30-00 0 ms Image: 192.168.1.231 00-00-41-90-84-34 0 ms |
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| Ready (5 computers) Threads: 0 |

Click on the boxed in plus signs on the left side of the window to display all the network share information for each PC.

| SoftPerfect Network Scanner | | | | | |
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| File View Actions Options Help | | | | | |
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| IP Range From 192 . 168 . 1 . 0 To 192 . 168 . 1 . 25 | 54 🚺 Start scanning | | | | |
| IP Address Host Name MAC Address Response Tim | e Port SNMP | | | | |
| I 192.168.1.1 00-20-78-C6-87-BE 1 ms 1 192.168.1.3 00-05-1B-08-00-73 58 ms 1 192.168.1.100 W7IJHD 00-10-DC-E6-D1-94 0 ms print\$ IPC IPC\$ ADMIN\$ C\$ 1 192.168.1.101 hn2e2e.knology.net 00-03-47-12-3C-DC 0 ms SOUP7 IPC IPC\$ ADMIN\$ C\$ ADMIN\$ C\$ ADMIN\$ C\$ ADMIN\$ C\$ ADMIN\$ D\$ | | | | | |
| ☐ print\$ | | | | | |
| Ready (5 computers) Threads: 0 | | | | | |