

SETTING UP AND USING IP SCANNER OR HOST SCANNER IN WINDOWS VIRTUAL BOX

An IP scanner is a network utility tool used to discover and analyze devices connected to a network by scanning for IP addresses and other relevant data like hostnames, MAC addresses, and open ports. It's commonly used by network administrators, IT support, and cybersecurity professionals for tasks such as inventory, troubleshooting, or penetration testing. In this lab, Angry IP Scanner is used.

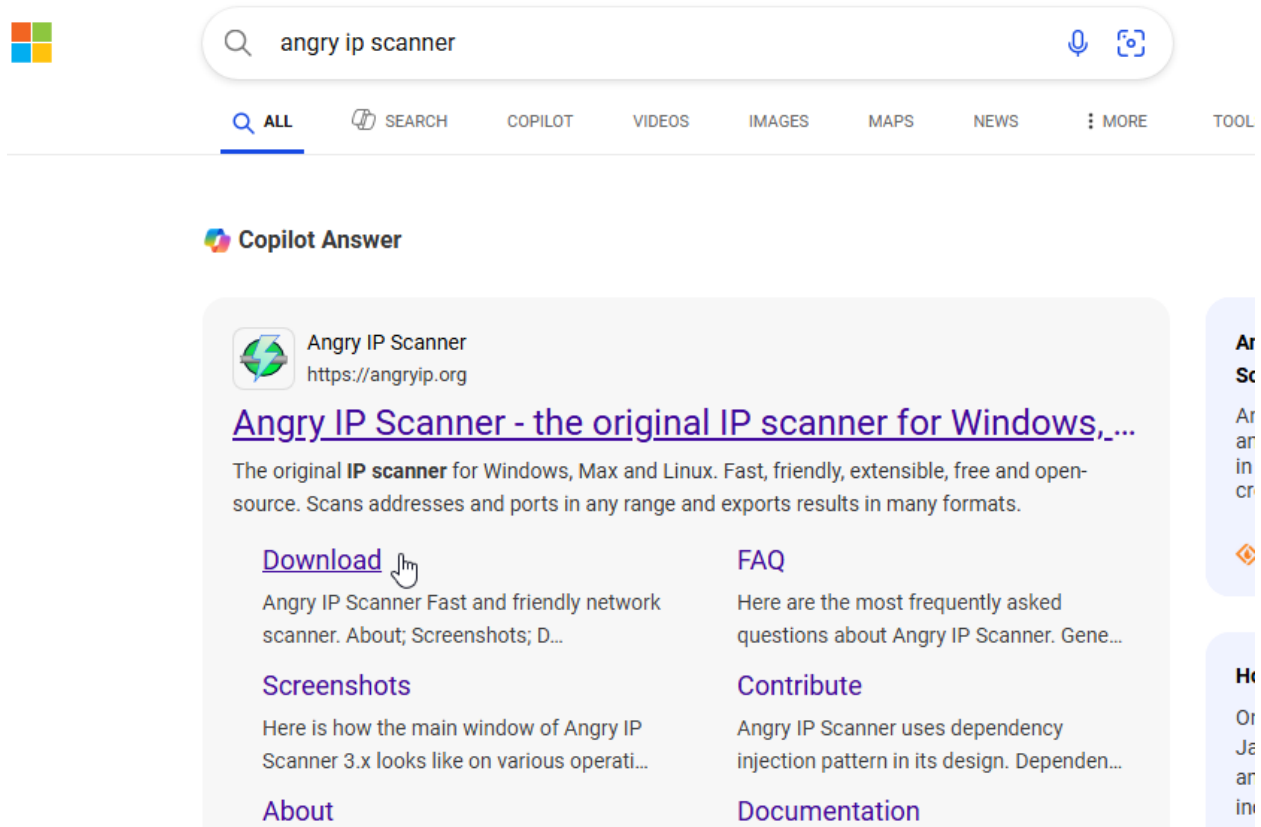
Angry IP Scanner (or simply ipscan) is an open-source and cross-platform network scanner designed to be fast and simple to use. It scans IP addresses and ports as well as has many other features.

It is widely used by network administrators and just curious users around the world, including large and small enterprises, banks, and government agencies. It runs on Linux, Windows, and Mac OS X, possibly supporting other platforms as well.

Note on Ethical Use:

Always scan **networks you own or have permission to analyze**. Unauthorized scanning can be illegal and is considered malicious activity in most environments.

STEP1: Look up Angry IP Scanner on Google. Click on Download



The screenshot shows a Google search interface. At the top left is the Microsoft logo. The search bar contains the text "angry ip scanner" and has icons for voice search and image search. Below the search bar are tabs for "ALL", "SEARCH", "COPILOT", "VIDEOS", "IMAGES", "MAPS", "NEWS", "MORE", and "TOOL". The "ALL" tab is selected. Below the tabs is a "Copilot Answer" section. It features a green circular icon with a lightning bolt and the text "Angry IP Scanner" and "https://angryip.org". The main heading is "Angry IP Scanner - the original IP scanner for Windows,...". Below this is a description: "The original **IP scanner** for Windows, Max and Linux. Fast, friendly, extensible, free and open-source. Scans addresses and ports in any range and exports results in many formats." There are four links: "Download" (with a hand cursor icon), "FAQ", "Screenshots", and "Contribute". Below "Download" is the text "Angry IP Scanner Fast and friendly network scanner. About; Screenshots; D...". Below "Screenshots" is the text "Here is how the main window of Angry IP Scanner 3.x looks like on various operati...". Below "About" is the text "Angry IP Scanner uses dependency injection pattern in its design. Dependen...". Below "Documentation" is the text "Angry IP Scanner uses dependency injection pattern in its design. Dependen...". On the right side of the page, there are partial views of other search results with headings "Ar Sc", "Ar an in cr", "He", "Or", "Je", "ar", "ini", and "...".

STEP2: Download the JDK file. When the download is done, go back to the previous page and download the standalone executable file.

Download Now

For windows 10, 11 32/64 bit Get Fast!

Download >

- [Windows installer](#) - includes Java runtime (recommended)
- [Stand-alone executable](#) - requires a separate installation of 64-bit [OpenJDK/Java 11+](#)

Last version to run under Java 8 is 3.7.6.

Legacy

This is an older generation of Angry IP Scanner.

Download version 2.21 below (120 kb) or [browse all 2.x releases](#)



- [ipscan.exe](#) for Windows 98/ME/2000/XP



If you get warnings about viruses or trojans, read [this FAQ entry](#).

https://bell-sw.com/pages/downloads/#jdk-21-lts

bellsoft Search

All versions JDK 8 LTS JDK 11 LTS JDK 17 LTS **JDK 21 LTS** JDK 24


**Windows**
Liberica 21.0.7+9, Windows 64 bit, Standard 

**Mac**
Liberica 21.0.7+9, macOS 64 bit, Standard 

Hey there! Got any questions or you'd like to talk to our team? I'm here to help.

Download for Windows

Downloads

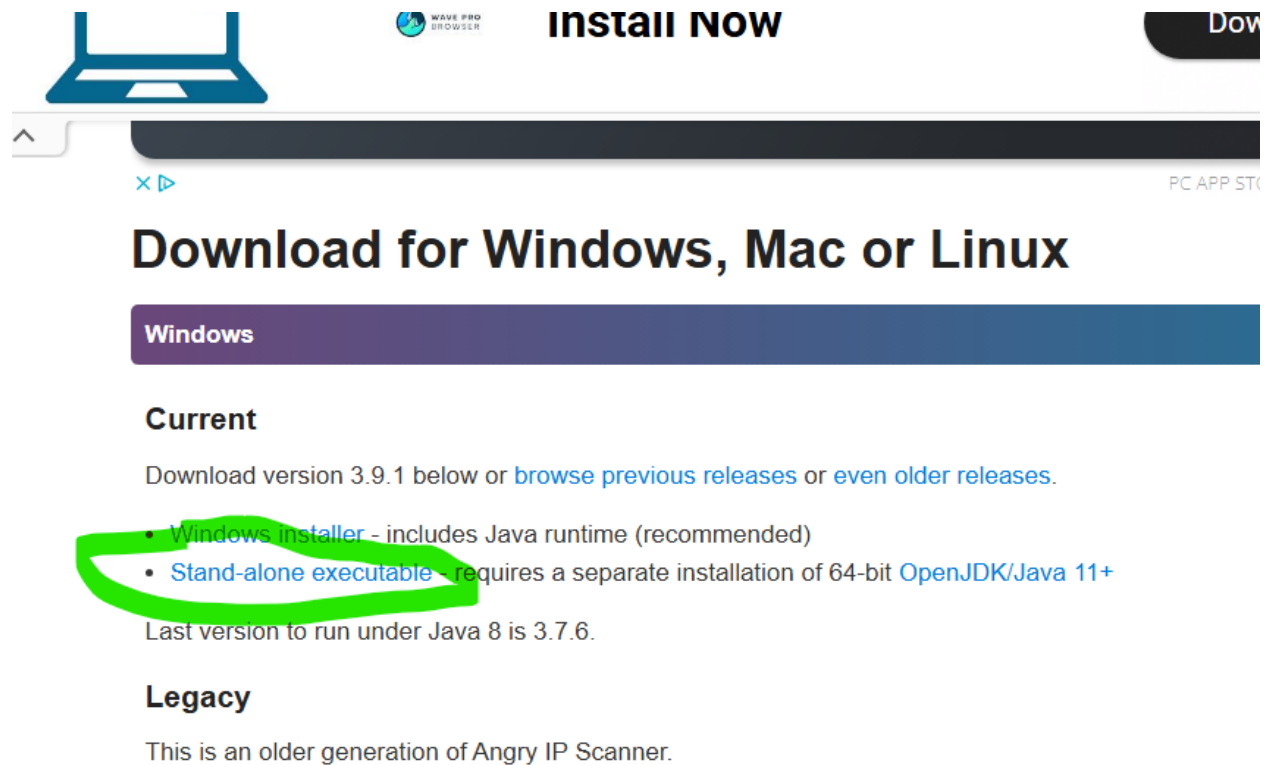
 [bellsoft-jdk21.0.7+9-windows-amd64.msi](#)

1,774 KB/s - 38.5 MB of 206 MB, 2 mins left

See more

DK 2

STEP3:



The screenshot shows the top of a web browser window. The address bar contains the URL 'http://www.wavepro-browser.com'. The page title is 'Angry IP Scanner'. The main heading is 'Download for Windows, Mac or Linux'. Under the 'Windows' tab, the 'Current' section is active. It contains a paragraph about downloading version 3.9.1 or below, with links to 'browse previous releases' and 'even older releases'. Below this is a bulleted list with two items: 'Windows installer - includes Java runtime (recommended)' and 'Stand-alone executable - requires a separate installation of 64-bit OpenJDK/Java 11+'. The second item is circled in green. Below the list is a note: 'Last version to run under Java 8 is 3.7.6.' The 'Legacy' section is also visible, stating 'This is an older generation of Angry IP Scanner.'

WAVE PRO BROWSER

install now

Dow

PC APP ST

Download for Windows, Mac or Linux

Windows

Current

Download version 3.9.1 below or [browse previous releases](#) or [even older releases](#).

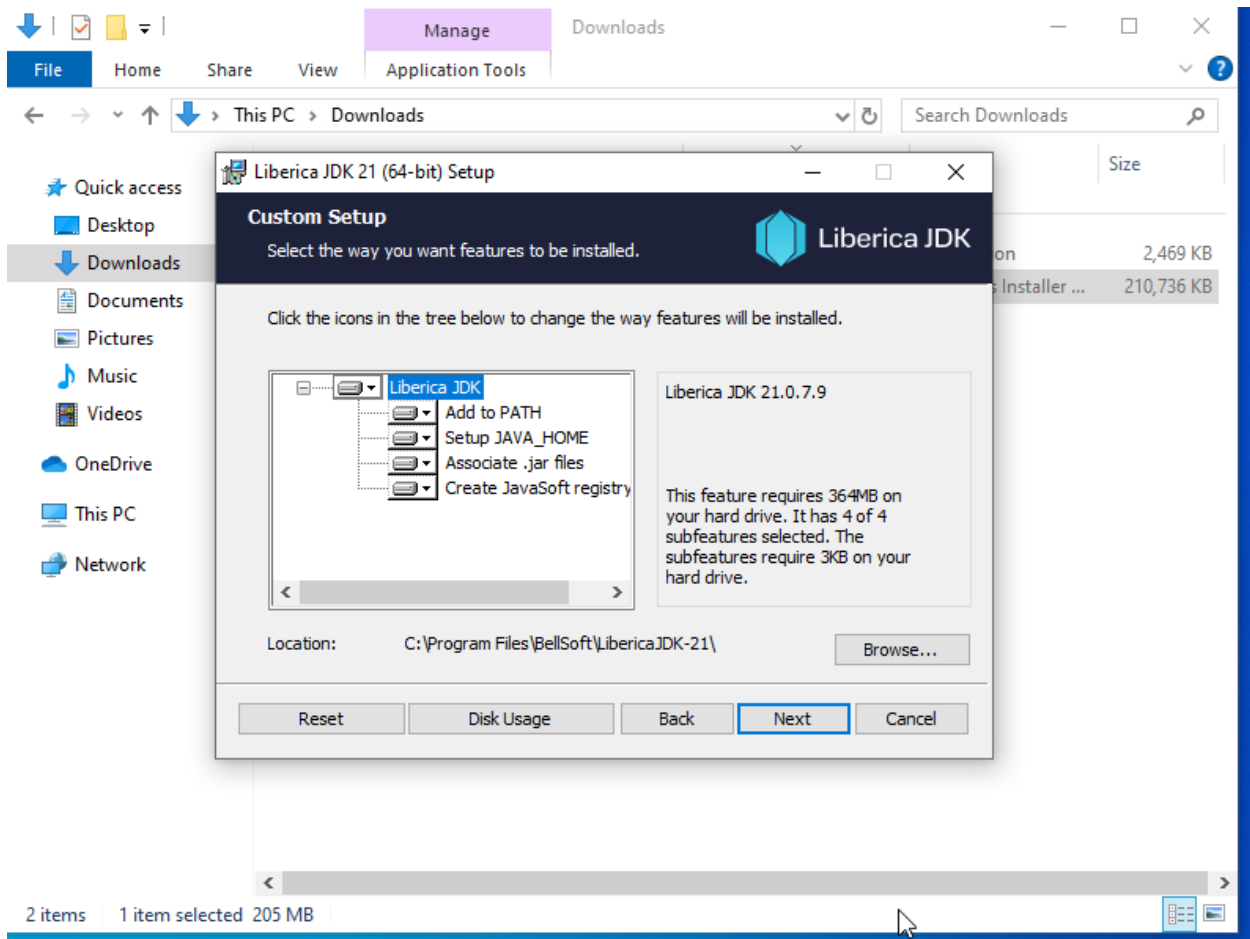
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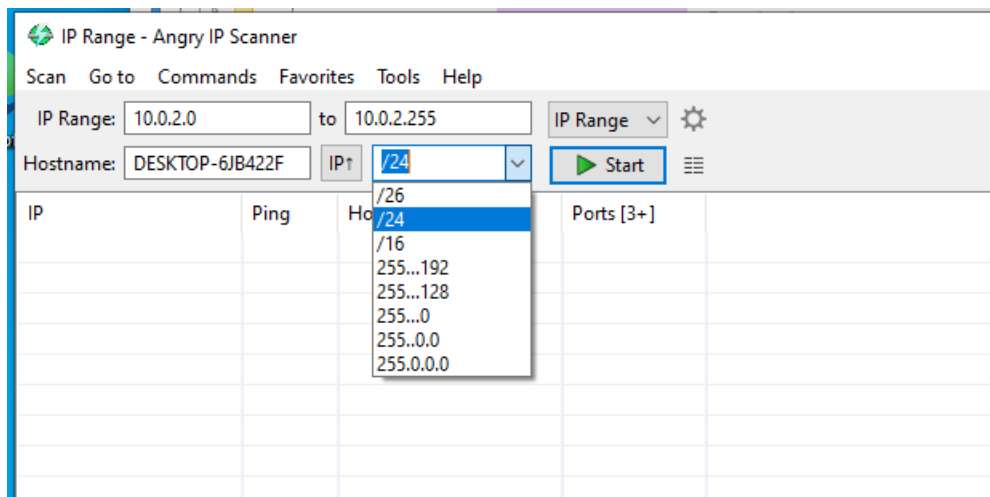
Legacy

This is an older generation of Angry IP Scanner.

STEP4: Open your download folder and install the JDK (java) file first



STEP5:Then proceed with the IPSCAN

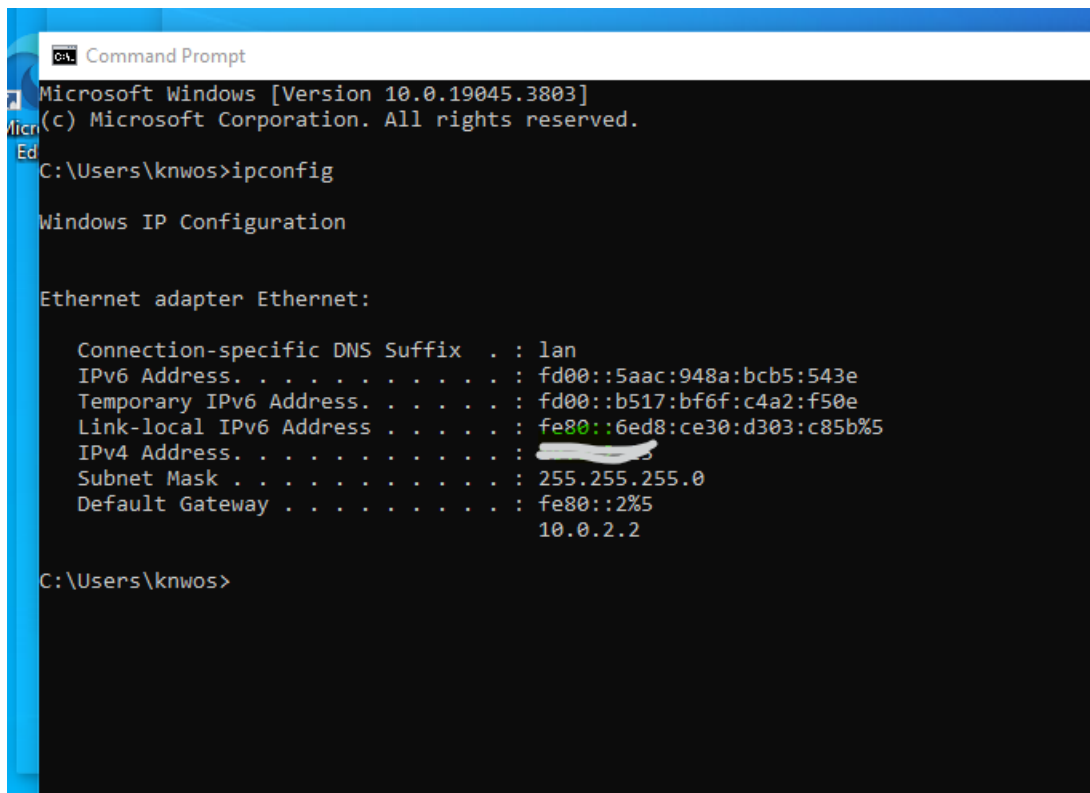


STEP6:Select the netmask of /24

First, let us find the IP address of the machine.

Open up the command line (*cmd*)

Enter ipconfig



STEP7: Also open the Kali linux to find their IP address.

Open the terminal

Type *ifconfig*

```
kali@kali: ~/Desktop
File Actions Edit View Help
(kali@kali)~[~/Desktop]
$ ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.0.2.15 netmask 255.255.255.0 broadcast 10.0.2.255
    inet6 fe80::8bb4:8dd9:f4c5:be09 prefixlen 64 scopeid 0x00000000
    inet6 fd00::a2e2:83a3:f71:db3e prefixlen 64 scopeid 0x00000000
    ether 08:00:27:b4:a1:05 txqueuelen 1000 (Ethernet)
    RX packets 7 bytes 2920 (2.8 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 27 bytes 4133 (4.0 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
    loop txqueuelen 1000 (Local Loopback)
    RX packets 8 bytes 480 (480.0 B)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 8 bytes 480 (480.0 B)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions

(kali@kali)~[~/Desktop]
$
```

The IP address was found too

