

how to get the ipaddress of a virtual box running on local machine [closed]

Asked 8 years ago Modified 8 months ago Viewed 223k times



72



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Closed 7 years ago.

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I need to connect to my virtual box running on my local machine to transfer files from my local system to VM by using WinSCP.

How do I find the IP address? When I go to the settings and network tab, there I find something related to IP, but when I use that, it says **cannot find** or invalid.

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[ip-address](#)

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edited Aug 29, 2019 at 14:16



[Sae1962](#)

1,252

1

16

33

asked Mar 22, 2017 at 13:58



[user1015388](#)

1,535

5

29

59

What is the OS of the VM? – [Jackson](#) Mar 22, 2017 at 14:00

When I start mine using vagrant, it shows the ip address on boot time. Do you have console access to the vbox so you can type command to get ip address? – [Arthur Swails](#) Mar 22, 2017 at 14:01

Yes I have a console – [user1015388](#) Mar 22, 2017 at 14:28

Accessing your Ubuntu Virtualbox Guest from your Host OS

[link]gist.github.com/odan/48fc744434ec6566ca9f7a993f4a7ffb – [Eldar](#) Oct 7, 2018 at 21:34

- 6 In case you want to get the ip without going to your vm you can use `VBoxManage guestproperty enumerate <vmname> | grep IP` on host machine as stated here [link]
forums.virtualbox.org/viewtopic.php?f=1&t=36592 – [Sobhan Atar](#) Apr 8, 2019 at 7:44 ✎

1 Answer

Sorted by: Highest score (default)



Login to virtual machine use below command to check ip address. (anyone will work)



1. ifconfig
2. ip addr show

104



If you used NAT for your virtual machine settings (your machine ip will be 10.0.2.15), then you have to use port forwarding to connect to machine. **IP address will be 127.0.0.1**



If you used bridged networking/Host only networking, then you will have separate Ip address.



Use that IP address to connect virtual machine

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edited Jul 4, 2024 at 0:17

answered Mar 26, 2017 at 5:01



[Benjamin Loison](#)

5,642 4 19 37



[Naveen kumar](#)

1,735 1 10 8

4 How do I use port forwarding to connect to the machine? And why is "IP address will be 127.0.0.1"? – [Shuzheng](#) Jan 15, 2018 at 13:39

6 Please refer this site, to setup port forwarding. trainenv.blogspot.in/2016/03/... IP Address 127.0.0.1 is by default assigned to your host machine. When connection comes to this IP, it will forward the request to Guest machine. So that you can access guest machine through host machine. – [Naveen kumar](#) Feb 12, 2018 at 5:49

1 `ip addr show` doesn't work on Windows 10. – [Sridhar Sarnobat](#) Mar 19, 2018 at 18:21

4 for windows use `ipconfig` – [DivineCoder](#) Mar 21, 2018 at 11:36

3 alternative to `ip addr show`, you can just write `ip a` – [souparno majumder](#) Jan 23, 2019 at 5:24

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