

# How to allow access outside localhost

Asked 2 years, 3 months ago   Active 8 days ago   Viewed 79k times



How can I allow access outside localhost at Angular2 ? I can navigate at `localhost:3030/panel` easily but I can not navigate when I write my IP such like `10.123.14.12:3030/panel/` .

86



Could you please allow me how to fix it ? I am not using `npm` (node project manage - node install / node start ) to install and run the project.



If you want , I can provide my `package.json` and `index.html` .

23



edited Apr 11 '18 at 11:47



Arun Bertil

3,911   3   23   50

asked Apr 19 '17 at 9:57



Tonyukuk

1,002   2   14   36

1   do you use ng serve? – [mast3rd3mon](#) Apr 19 '17 at 9:58

1   yes i am using ng server – [Tonyukuk](#) Apr 19 '17 at 9:59

2   did you try ng serve --host 10.123.14.12? – [Digvijay](#) Apr 19 '17 at 10:02

1   I tired ng serve and it says " I have to be inside an angular--cli project in ordre to use the serve command". – [Tonyukuk](#) Apr 19 '17 at 10:07

## 9 Answers



Using `ng serve --host 0.0.0.0` will allow you to connect to the `ng serve` using your ip instead of `localhost` .

**EDIT**

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In newer versions of the cli you have to provide your local ip address instead

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In newer versions of the cli (I think v5 and up) you can use `0.0.0.0` as the ip again to host it for anyone on your network to talk to.

edited Jun 15 '18 at 8:09



Thomas Darvik

578 4 20

answered Apr 19 '17 at 10:01



mast3rd3mon

2,952 2 14 38

- 1 it says "you have to be inside an angular--cli project in order to use the serve command " with the red warning when i write ng serve and also a yellow message which indicated that i am running version 6.2.2 of Node, which will not be supported in future versions of the CLI after writing ng serve – [Tonyukuk](#) Apr 19 '17 at 10:07
- 1 first, try updating node, second, try restarting your terminal/vscode – [mast3rd3mon](#) Apr 19 '17 at 10:09
- 1 I updated it from package json to 6.0.46 as "@types/node": "6.0.46", but still get the same message – [Tonyukuk](#) Apr 19 '17 at 10:16
- 1 node should be on 6.10: [nodejs.org/dist/v6.10.2/node-v6.10.2-x64.msi](https://nodejs.org/dist/v6.10.2/node-v6.10.2-x64.msi) – [mast3rd3mon](#) Apr 19 '17 at 10:17
- 1 I do not understand how people give - vote to my questions and I do not know who do it. Even you understand the question wrong and give me wrong answers they still give "-" reputation. I found the answer myself. I was supposed to add ""server": "webpack-dev-server --inline --progress --host 0.0.0.0 --port 3000"," to packagejson – [Tonyukuk](#) Apr 20 '17 at 8:41 ✎

Mac users:

23

1. Go to System Preferences -> Network -> Wi-Fi
2. Copy the IP address below **Status** (Usually 192.168.1.x)
3. Paste it in your ng serve like: `ng serve --host 192.168.1.x`

Then you must be able to see your page on other devices through `192.168.1.x:4200` .

edited Sep 12 '18 at 10:08

answered Oct 8 '17 at 23:30




Sajad

646 2 7 16

- 1 It's work for me – [core114](#) Sep 14 '18 at 4:45
- 2 Its working even on Windows. Thanks for help. – [Venki](#) Jan 11 at 13:59
- 1 Glad it helped – [Sajad](#) Jan 11 at 17:14

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Used to work for me and not working anymore. Wondering why. I feel like I've tried everything! My firewall is disabled. `ng serve --host 10.x.x.x --disable-host-check` / `ng serve --host 0.0.0.0 --disable-host-check` -> Not accessible from a Windows remote machine which is on the same network with `10.x.x.x:4200` – [Rafaël Moser](#) Jul 3 at 9:16 



14



run command- "`ng serve --host=0.0.0.0 --disable-host-check`"

this will disable host check and allow to access from outside(instead localhost) with ip address

answered May 9 '18 at 17:42



[Palla](#)

247 2 8

3 I didn't need `--disable-host-check`. `ng serve --host 0.0.0.0` works fine for me. What is the host check supposed to do? – [Andrew](#) Jun 13 '18 at 21:17

1 I for once needed the `disabled-host-check` otherwise I got the message "Invalid Host header" – [GameDroids](#) Mar 27 at 14:17

is there a way to define it in a config file to avoid mentioning it everytime? – [Ayush Kumar](#) Jun 5 at 7:59



6



you can also introspect all HTTP traffic running over your tunnels using [ngrok](#) , then you can expose using `ngrok http --host-header=rewrite 4200`

edited Apr 3 at 9:12

answered Apr 3 at 6:17



[Zombie](#)

1,084 9 17



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Open cmd and navigate to project location i.e. where you run `npm install` or `ng serve` for the project.

and then run the command - `ng serve --host 10.202.32.45` where `10.202.32.45` is your IP address.

You will be able to access your page at `10.202.32.45:4200` where 4200 is your port number.

**Note: If you serve your app using this command then you won't be able to access `localhost:4200`**

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41 5

Is it possible to access both way? – [zishan paya](#) Jan 3 at 6:59

it works thanks..i guess i was looking at wrong ip address – [Tejashri Patange](#) Mar 25 at 15:32

know it sounds silly, but make sure your phone is using the same wifi network as you dev machine. I was using a guest network... +1 for the only answer that worked for me. – [greg](#) Jun 12 at 23:02

▲ I just edit `angular.json` file in my project as below and it works

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...

▼

```
"serve": {
  "builder": "@angular-devkit/build-angular:dev-server",
  "options": {
    "browserTarget": "project:build",
    "host": "0.0.0.0"
  },
},
```

...

edited Feb 25 at 17:30

answered Feb 25 at 17:23

[Farzad](#)

49 3

Doesn't work for me :( – [Marek](#) Feb 28 at 0:28



You can use the following command to access with your ip.

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`ng serve --host 0.0.0.0 --disable-host-check`



If you are using npm and want to avoid running the command every time, we can add the following line to the **package.json** file in the

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```
"scripts": {  
  ...  
  "start": "ng serve --host 0.0.0.0 --disable-host-check"  
  ...  
}
```

Then you can run you app using the below command to be accessed from the other system in the same network.

```
npm start
```

answered Jun 10 at 13:50



[Irshad](#)

39 4

It's now -disableHostCheck=true|false in my version, Angular 8. – [Tony](#) Jun 21 at 10:03

best answer here – [danday74](#) Jun 23 at 0:59

For the problem was Firewall. If you are on Windows, make sure node is allowed through

↑ << System and Security > Windows Defender Firewall > Allowed apps

### Allow apps to communicate through Windows Defender Firewall

To add, change, or remove allowed apps and ports, click [Change settings](#).

[What are the risks of allowing an app to communicate?](#)

#### Allowed apps and features:

Name	Private	Public
<input checked="" type="checkbox"/> Network Discovery	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Node.js: Server-side JavaScript	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>



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TSR

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For the people who are using node project manager, also this line adding to package.json will be enough. For angular CLI users, mast3rd3mon's answer is true.

**-3**

You can add

```
"server": "webpack-dev-server --inline --progress --host 0.0.0.0 --port 3000"
```

to package.json

edited Apr 8 at 17:30



BossmanT

77

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9

answered Apr 21 '17 at 8:29



Tonyukuk

1,002

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14

36