Get angular-cli to ng serve over HTTPS

Asked 2 years, 11 months ago Active 1 month ago Viewed 35k times



The following doesn't seem to do anything.



ng serve --ssl true --ssl-key <key-path> --ssl-cert <cert-path>





Creating the Certificate and key by providing them in the default ssl directory still does nothing. It looks like ng server is completely ignoring the --ssl parameter and keeps saying NG Live Development Server is running on http://localhost:4200.



https angular-cli

edited Sep 17 '18 at 16:00



Alexander Abakumov **5,529** 5 50 79

asked Aug 29 '16 at 15:59



1,329 3 11 15

try ng serve --ssl 1 --ssl-key "ssl/local.brianflove.com.key" --ssl-cert "ssl/local.brianflove.com.crt" - Andreas Sep 26 '17 at 10:15

6 Answers



Angular CLI 6+

I've updated my own projects so I figured I can now update this answer too.



You'll now put the path to your key and certificate in your angular.json file as follows:



And then you can run:

```
ng serve --ssl
```

If you want SSL on by default then you should add a "ssl": true, option immediately below the sslKey and sslCert.

You can find the angular.json schema at the Angular CLI documentation.

Old answer for Angular CLI 1.0.0+.

Angular-CLI now works with the SSL options. Like you've noted, you can manually select which key and cert you'd like to use with the command:

```
ng serve --ssl --ssl-key <key-path> --ssl-cert <cert-path>
```

If you'd like to set a default path for your key and cert then you can go into your .angular-cli.json file adjust the Defaults section accordingly:

And then you can run:

```
ng serve --ssl
```

If you want SSL on by default then you should add a "ssl": true, option immediately below the sslKey and sslCert.

edited Oct 22 '18 at 23:46

answered May 18 '17 at 18:19



Taul

785 7 13

- 2 "ssl": "true" will start ssl by default Dominik K May 23 '18 at 16:31
 - @Dominik, where to write "ssl": "true". Can you tell me either in ng serve command or in angular-cli.json. Thank you Mahi Jul 11 '18 at 5:56
 - @Ahmadmnzr It would be another key-value pair inside the *serve* object. So it would go on the line beneath "sslCert": "<relative path from .angular-cli.json>/server.crt". Taul Jul 11 '18 at 18:46

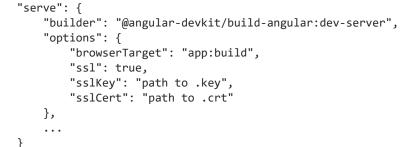
Thanks, @Taul... Using command 'ng serve - - ssl true' also running angular 4 app on https without entry in angular-cli.json – Mahi Jul 11 '18 at 19:43 🖍

Can you tell how to run build file of angular app on https on any server. Does any configuration needed to be done in Angular4 app – Mahi Jul 11 '18 at 19:45



JFYI, in Angular6 you have to put the conf in the options (in angular.json):

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edited Jul 3 '18 at 1:04

answered Jul 3 '18 at 0:46

I read somewhere if I give --sl true, angular will create key, cert for the project. Where can I see the file in my project? – P Satish Patro Jan 31 at 3:19

this works for me - Aniruddha Das Mar 19 at 20:49



To complement this solution, if you ever wonder how to generate key and certificate for localhost, here is a great step by step article about it:

https://medium.freecodecamp.org/how-to-get-https-working-on-your-local-development-environment-in-5-minutes-7af615770eec



answered Mar 4 '18 at 8:43



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- In a few years this link is down. Then what? Mick Jan 14 at 13:00
- You should first explain, then give link. The recommneded way. If link go down. You will only get downvote and people will not get the knowledge -P Satish Patro Jan 31 at 3:36



Very simple solution from this page



npm install browser-sync --save-dev

ng serve --ssl true --ssl-key /node_modules/browser-sync/lib/server/certs/server.key --ssl-cert /node_modules/browsersync/lib/server/certs/server.crt

Quick and bold) Just used it in my angular cli 6.2.3 project

answered Nov 20 '18 at 17:10



Works great without messing with any Certs! cheers... - Playnox Jul 23 at 23:12



fixes this issue. However it has not been merged yet in the master at the time of this writing.



This does not provide an answer to the question. Once you have sufficient <u>reputation</u> you will be able to <u>comment on any post</u>; instead, <u>provide answers</u> that don't require clarification from the asker. - From Review – Jason Yost Oct 9 '16 at 18:29

1 The latest version of angular-cli fixes the issue. So to fix the issue all you have to do is upgrade to latest angular-cli – Stefan Baramov Oct 25 '16 at 15:55



Angular CLI 1.0.0+.



ng serve --ssl 1 --ssl-key {{key-path}} --ssl-cert {{cert-path}}



Angular CLI 6+

ng serve --ssl true --sslKey {{key-path}} --sslCert {{cert-path}}

Change the values in {{*-path}}, to the corresponding values.

answered Jun 2 at 1:35



Charles Silva