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Nginx 404 error with existing urls Angular 2 One page application with routing

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2

February 14, 2017   ◎ 52.5k   NGINX   UBUNTU 16.04

By: marcduplessis1

I have a one-page angular 2 application that uses routing. When I hit my base URL `example.com` then the page loads correctly. However `example.com/dashboard` results in a 404 error.

My server logs have this:

```
2017/02/14 05:37:22 [warn] 680#680: conflicting server name "example.com" on 0.0.0.0:80, ignored
2017/02/14 05:37:22 [warn] 680#680: conflicting server name "www.example.com" on 0.0.0.0:80, ignored
2017/02/14 05:37:22 [warn] 680#680: conflicting server name "example.com" on [::]:80, ignored
2017/02/14 05:37:22 [warn] 680#680: conflicting server name "www.example.com" on [::]:80, ignored
2017/02/14 05:48:43 [error] 997#997: *1 open() "/var/www/example.com/html/dashboard" failed (2: No such file or director
2017/02/14 05:49:03 [error] 997#997: *1 open() "/var/www/example.com/html/dashboard" failed (2: No such file or director
```

◀   ▶

The page dashboard.html does not exist because its I'm using angular's routing and I built the application using webpack.

Here is my server block:

```
server {
        listen 80;
        listen [::]:80;


        root /var/www/example.com/html;

    index index.html index.htm index.nginx-debian.html;

        server_name example.com www.example.com;

        location / {
            try_files $uri $uri/ =404;
         }
    }
```

Thank you for your help.

---

4 Answers

jtittle1 February 14, 2017

@marcduplessis1

15

Instead of using:

```
try_files $uri $uri/ =404;
```

… try using:

```
try_files $uri $uri/ /index.html;
```

This assumes that Angular is setup to handle requests that are sent to `index.html` and will route all requests accordingly.

michaeldegli *September 22, 2017*

2 This solution works for ember too!

flashjpr *April 12, 2018*

0 Works, ty!

imvikaskohli *April 13, 2018*

0 This solution works for me| Thanks mate

fabriceyopa *May 29, 2018*

0 Work for me to , Angular 5

saniyhassan *September 15, 2018*

0 Work for me: Angular 6

pranaydv *March 9, 2019*

0 Have reading logs and whatnot for last 5 hours, thank you !

You are scholar and gentleman Sir !

satishpatro *March 30, 2019*

0 "This assumes that Angular is setup to handle requests that are sent to index.html and will route all requests accordingly"

1. Angular provides it by default. Right?

2. What I need to do to not allow Angular to handle request that are sent to index.html?

marcduplessis1 February 14, 2017

1 @jtittle Thank you for the help! that worked :)

jtittle1 *February 14, 2017*

2 @marcduplessis1

No problem at all, happy to help!

The reason `=404` doesn't work is because of what that line is saying. First NGINX will check to see if `$uri` is valid, if not then it checks with a `/` – if neither a valid, it defaults to a `404` as the resource isn't valid (i.e. a valid file or directory). If it were, you'd still get a `404`, but if you placed and `index.html` file in there, it'd then be valid.

With the above, `/index.html`, we just force Angular to handle the request.

marcduplessis1 *February 14, 2017*

0 @jtittle

Oh! I see that makes complete sense now. Now, any page that doesn't match the URL is handled by my custom 404-page handle in angular.

prinzeedward *August 15, 2017*

0 I have tried your solution with my project and its still not working. I can go to the main site but i cant navigate to other routes because it gives me 404 error. Please I need help

prinzeedward *August 15, 2017*

0 I have used your solution but mine did not work. Is there an alternative?

amirnavid May 25, 2018

0

thanks it worked :)

mourya September 9, 2019

0

Can you tell me where to add this code. I am getting the same issue when trying to refresh the redirected page.

bcgdhar9693 *October 12, 2019*

0 You need to go to cd /etc/nginx/sites-avaliable, then "sudo vim default"

Have another answer? Share your knowledge.

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```

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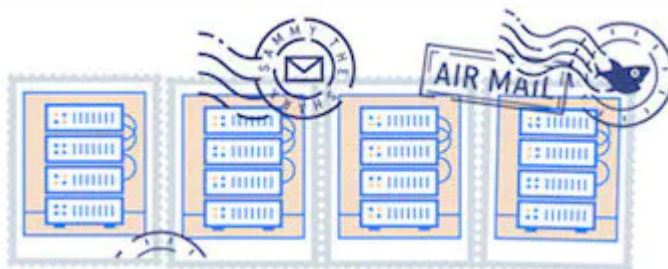
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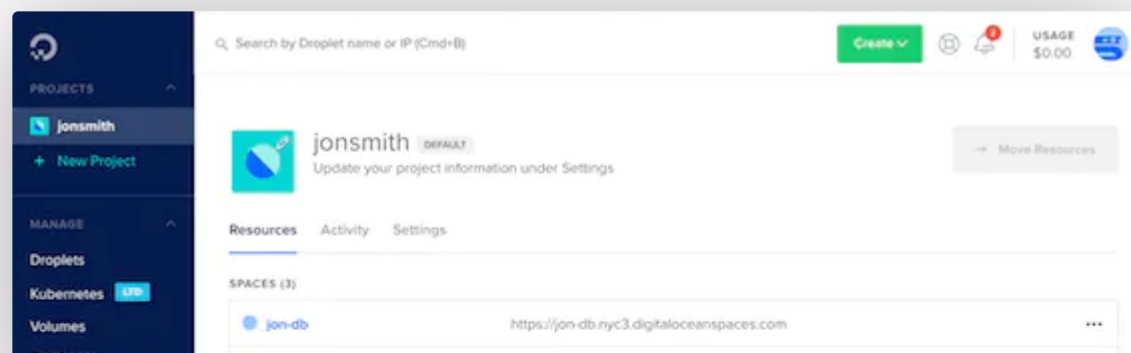
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