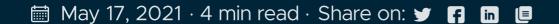


# How to fix requested access to the resource is denied?



I faced the error **requested access to the resource is denied** while I was trying to push my docker image of spring boot application to Docker Hub but unfortunately when I issued the docker push command I immediately got the error.

In this article, we will look at *How to fix requested access to the resource is* **denied error** and also the recommended ways to use the docker push

command so that you can avoid this type of error in the future.

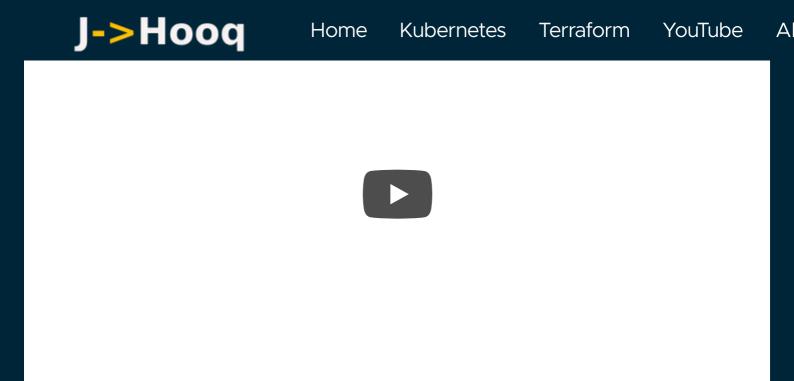
(Note: - If you are in a real hurry then you can directly jump to Step 4 and Step 5 but I would highly recommend you to go through this blog post to fix the issue properly)

Here are the steps which you need to follow for troubleshooting -

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# 1. Why did this error happen in the first place?

Let's first try to understand the root cause of this error. As the error says requested access to the resource is denied error which means you as a docker user do not have the correct rights/permission to run the docker push or any other docker command.

Speaking in layman's term here are the following possible scenarios -

- 1. Either you as a docker user do not have access to the docker hub repository
- 2. Or you are not using the docker hub credentials correctly.



Before we perform any troubleshooting command I would highly recommend you to run the docker logout command from your terminal.

The benefit of the

docker logout

would be - "If by any chance your previous docker session is connected with wrong docker hub repository then after running the docker logout

command you will be logged out and your session will be terminated."

Here is the command for docker logout

1 docker logout

And this is how it should look once your successfully run the above command -

## 3. Step 2 - Build and tag docker image correctly

The second most important step for troubleshooting this error would be to build and tag your docker image correctly according to the name of your docker hub repository.

As you can see in the below image my docker hub repository name is rahulwagh17/jhooq-docker-demo



I am going to run the following command for building and tagging my docker image -

- 1. Docker build and tag
- 1 docker build -t jhooq-docker-demo .
- 2. Docker tag as per the docker hub repository name
- 1 docker tag jhooq-docker-demo rahulwagh17/jhooq-docker-demo:jhooq-docker-demo

Alright, now we have to build a docker image and also tagged it as per our docker hub repository name.

# 4. Step 3 - Docker Login before pushing the docker image to docker hub

Now in the previous step 3 we have built and tagged the docker image.

Now we need to do the

docker login

from the command line (remember we have already logged out from any exiting docker session in the step 1)



1 docker login

Once you issue the docker login command it will ask for your docker hub username and password.

- 1 Login with your Docker ID
- 2 Username : rahulwagh17
- 3 Password:

Supply your username and password. After the successful authentication, you will see a message Login Succeeded

### 5. Step 4 - Do the docker push

Now, this is going to be your final step where you are going to perform the docker push. Here is an example command for pushing your docker image to the docker hub but you can alter the command as per your need.

docker push rahulwagh17/jhooq-docker-demo:jhooq-docker-demo

And here are the successful logs



Voila your error is gone.

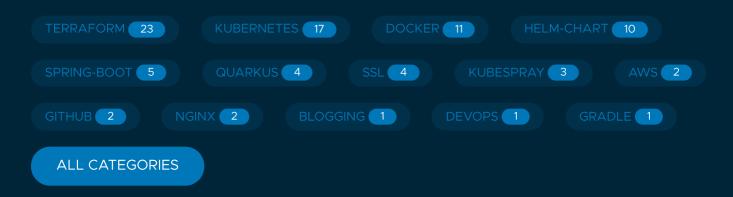
I hope this troubleshooting guide will help you to fix your issue *requested* access to the resource is denied.

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#### Here are some references

- 1. StackOverflow denied: requested access to the resource is denied: docker
- 2. Docker Forum Docker push Error requested access to the resource is denied

#### **Categories**



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- How to delete all the Git, BitBucket branches which have been merged?
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