

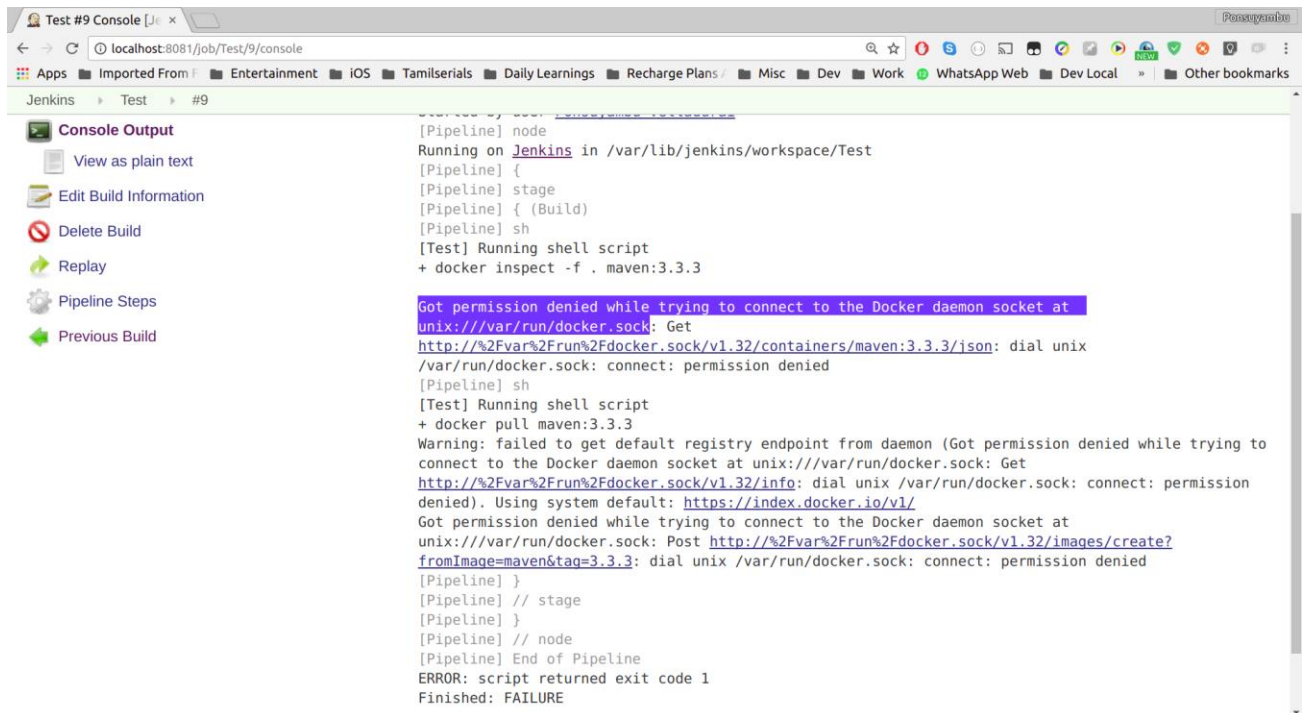
```

[Pipeline] }
[Pipeline] // dir
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Create Docker Image)
[Pipeline] dir
Running in /Users/larry/.jenkins/workspace/docker-jenkins-pipeline/RpcServerSample
[Pipeline] {
[Pipeline] }
[Pipeline] // dir
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
groovy.lang.MissingPropertyException: No such property: docker for class: groovy.lang.Binding
    at groovy.lang.Binding.getVariable(Binding.java:63)
    at org.jenkinsci.plugins.scriptsecurity.sandbox.groovy.SandboxInterceptor.onGetProperty(Sa
ndboxInterceptor.java:224)
    at org.kohsuke.groovy.sandbox.impl.Checker$4.call(Checker.java:241)
    at org.kohsuke.groovy.sandbox.impl.Checker.checkedGetProperty(Checker.java:238)
    at org.kohsuke.groovy.sandbox.impl.Checker.checkedGetProperty(Checker.java:221)
    at org.kohsuke.groovy.sandbox.impl.Checker.checkedGetProperty(Checker.java:221)
    at org.kohsuke.groovy.sandbox.impl.Checker.checkedGetProperty(Checker.java:221)
    at com.cloudbees.groovy.cps.sandbox.SandboxInvoker.getProperty(SandboxInvoker.java:24)
    at com.cloudbees.groovy.cps.impl.PropertyAccessBlock.rawGet(PropertyAccessBlock.java:20)
    at WorkflowScript.run(WorkflowScript:12)
    at __cps.transform__(Native Method)

```

Solution

Install the docker pipeline by going to **MANAGE JENKINS** then **MANAGE PLUGINS** then **DOCKER PIPELINE**



The screenshot shows the Jenkins console output for a job named 'Test #9'. The pipeline is running on 'Jenkins' in the workspace '/var/lib/jenkins/workspace/Test'. The pipeline consists of a 'stage' named '(Build)' which contains a 'sh' step. The 'sh' step is running a script that attempts to 'docker inspect -f . maven:3.3.3'. The output shows that the script failed with a 'permission denied' error when trying to connect to the Docker daemon socket at 'unix:///var/run/docker.sock'. The error message is: 'Got permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Get http://%2Fvar%2Frun%2Fdocker.sock/v1.32/containers/maven:3.3.3/json: dial unix /var/run/docker.sock: connect: permission denied'. The pipeline then continues to run 'docker pull maven:3.3.3', which also fails with a similar permission error. The final output is 'ERROR: script returned exit code 1' and 'Finished: FAILURE'.

```
[Pipeline] node
Running on Jenkins in /var/lib/jenkins/workspace/Test
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Build)
[Pipeline] sh
[Test] Running shell script
+ docker inspect -f . maven:3.3.3

Got permission denied while trying to connect to the Docker daemon socket at
unix:///var/run/docker.sock: Get
http://%2Fvar%2Frun%2Fdocker.sock/v1.32/containers/maven:3.3.3/json: dial unix
/var/run/docker.sock: connect: permission denied
[Pipeline] sh
[Test] Running shell script
+ docker pull maven:3.3.3
Warning: failed to get default registry endpoint from daemon (Got permission denied while trying to
connect to the Docker daemon socket at unix:///var/run/docker.sock: Get
http://%2Fvar%2Frun%2Fdocker.sock/v1.32/info: dial unix /var/run/docker.sock: connect: permission
denied). Using system default: https://index.docker.io/v1/
Got permission denied while trying to connect to the Docker daemon socket at
unix:///var/run/docker.sock: Post http://%2Fvar%2Frun%2Fdocker.sock/v1.32/images/create?
fromImage=maven&tag=3.3.3: dial unix /var/run/docker.sock: connect: permission denied
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
ERROR: script returned exit code 1
Finished: FAILURE
```

Solution

The user jenkins needs to be added to the group docker:

```
sudo usermod -a -G docker jenkins
```

Then restart Jenkins.