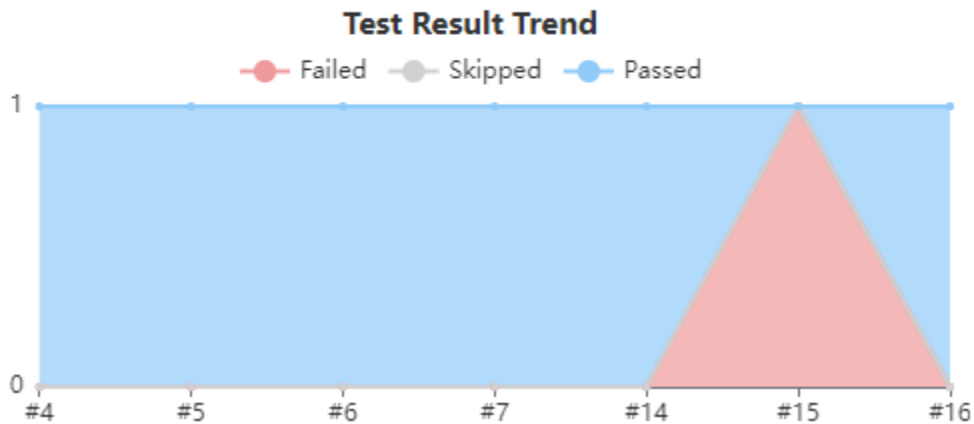


## Deployment 6- My problems/solutions and screenshots



### Problems

- My build was working and was testing correctly. However, to work on the deployment later I stopped all my instances so I could work on it later and not incur more cost from possibly incurring more cost in my AWS billing. After stopping my instances, the test part of my pipeline would just keep running and would not give me an error or a sign of a successful build. So I checked my ec2 instances and noticed my 2nd agent instance had an unhealthy health check. Due to my ec2 instance being unhealthy, my 2nd node was also wasn't launching.

⊗ #12	<a href="#">Sep 30, 2021, 8:11 PM</a>
⊗ #11	<a href="#">Sep 30, 2021, 7:47 PM</a>
⊗ #10	<a href="#">Sep 30, 2021, 7:14 PM</a>
⊗ #9	<a href="#">Sep 30, 2021, 7:14 PM</a>
⊗ #8	<a href="#">Sep 30, 2021, 6:58 PM</a>
✓ #7	<a href="#">Sep 30, 2021, 10:30 AM</a>
✓ #6	<a href="#">Sep 30, 2021, 10:23 AM</a>

- Unhealthy ec2

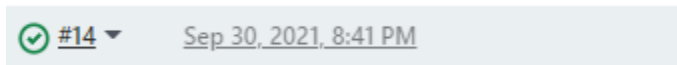
□ agent-two	i-0832a9d9587b397fa	Running	🔍	t2.micro	⚠️ 1/2 checks passed	No alarms	+	us-east-2a	ec2-
□ agent-one	i-0e0c6a44fabccb445	Running	🔍	t2.micro	✓ 2/2 checks passed	No alarms	+	us-east-2c	ec2-

- The 13th build finally gave me a failed output where it showed that there was a connection issue during my connection. This was expected because I stopped the agent-two instance that was taking care of doing testing.

⊗ #13 [Sep 30, 2021, 8:12 PM](#)

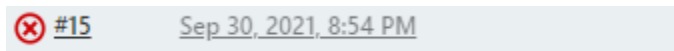
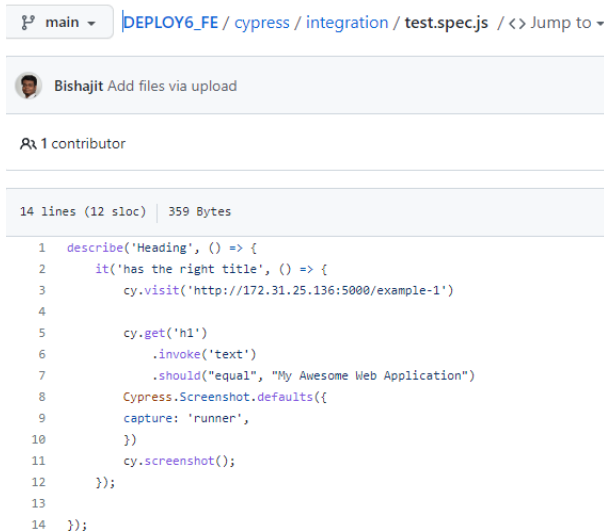
## Problem solution

- To fix my problem I created a new instance and connected it to my second node. Since my new instance, didn't have an issue, the build for 14 worked correctly.



## Intentional error

- I had to generate an error for this deployment so I just took off My from “My Awesome Web Application” and it gave me an error during my 15th build.



## Fix

- I just added back my into “My Awesome Web Application” and my build was successful for my 16th build.



## How I attained the test video file of “My Awesome Web Application”

- I shed into my agent-two instance. Then I used the command **find /home -name \*.mp4** to find both the screenshot and video of it.
- Then I opened another command line and went to the directory that held the pem file which was connected to my agent-two instance. In the new command line I used this command to copy the video file from inside my instance into my local Users directory.

**scp -i "deployment6.pem"**

**ubuntu@ec2-18-224-70-106.us-east-2.compute.amazonaws.com:/home/ubuntu/jenkins/workspace/Deployment\_6\_main/cypress/videos/test.spec.js.mp4 C:\Users\**

```
PS C:\Users\Bishajit Lodh\downloads> scp -i "deployment6.pem" ubuntu@ec2-18-224-70-106.us-east-2.compute.amazonaws.com:/home/ubuntu/jenkins/workspace/Deployment_6_main/cypress/videos/test.spec.js.mp4 C:\Users\test.spec.js.mp4
100% 48KB 516.1KB/s 00:00
```

3. Then I took the video file and uploaded it to my Github under the deployment 6-documentation directory I created to hold all my videos, screenshot, videos.

### How I attained the test screenshot file of “My Awesome Web Application”

1. I used the same command as before which was `find /home -name *.mp4` inside the agent-two instance.
2. I was unable to retrieve the screenshot using `scp` command. So I had to create ssh key inside the repo so I can access my Github. I did this by using these steps in my agent-two instance
  1. I used the command `ssh-keygen`
  2. `cat` the public key
  3. Copy the pub key. Then I went to myGithub and pasted the public key as a new SSH key.
  4. After that I went back to the terminal and use the command `eval`ssh-agent -s``
  5. And added my key using the command `ssh-add privatekey`
  6. Then I clone my repo using the command `git clone git@github.com:Bishajit/-DEPLOY6\_FE-2nd-repo.git`
3. Once inside the repo, I placed my screenshot folder into a file in my Github repo called deployment6-documentation. All my files for the repo were copied into my Deployment \_6\_main which is my pipeline folder and that is where I had to place it or else it wouldn't be in my repo.

`mv ~/jenkins/app/workspace/Deployment_6_main/cypress/screenshot`

`~/jenkins/app/workspace/Deployment_6_main/Deployment6-Documentation`