Deployment 6- My problems/solutions and screenshots

Test Result Trend

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 in my AWS billing. After stoping my instances and later coming back to work on the deployment, the test part of my pipeline would just keep running and not give me a successful build like it used to do in prior tests. So I checked my ec2 instances and noticed my 2nd instance connected to my 2nd agent had an unhealthy health check. Due to my ec2 instance being unhealthy, my 2nd node wasn't working as well because it was not able to launch during testing.

⊗ #12	Sep 30, 2021, 8:11 PM	
⊗ #11	Sep 30, 2021, 7:47 PM	
⊗ #10	Sep 30, 2021, 7:14 PM	
⊗ #9	Sep 30, 2021, 7:14 PM	
⊗ #8	Sep 30, 2021, 6:58 PM	
✓ #7	Sep 30, 2021, 10:30 AM	
✓ #6	Sep 30, 2021, 10:23 AM	

- Unhealthy ec2

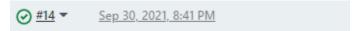|	agent-two	i-0832a9d9587b397fa	✓ Running	⊕⊖	t2.micro	⚠ 1/2 checks passed	No alarms	+	us-east-2a	ec2-
	agent-one	i-0e0c6a44fabccb445	✓ Running	⊕⊖	t2.micro	✓ 2/2 checks passed	No alarms	+	us-east-2c	ec2-

- 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 stoped the agent-two instance that was taking care of doing testing.

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

✓ #14 ▼   Sep 30, 2021, 8:41 PM

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.

⌥ main ▾   DEPLOY6_FE / cypress / integration / test.spec.js / <> Jump to ▾

Bishajit Add files via upload

⌦ 1 contributor

14 lines (12 sloc) | 359 Bytes

```
1   describe('Heading', () => {
2     it('has the right title', () => {
3       cy.visit('http://172.31.25.136:5000/example-1')
4
5       cy.get('h1')
6         .invoke('text')
7         .should("equal", "My Awesome Web Application")
8       Cypress.Screenshot.defaults({
9       capture: 'runner',
10      })
11      cy.screenshot();
12    });
13
14  });
```

⊗ #15   Sep 30, 2021, 8:54 PM

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

✓ #16   Sep 30, 2021, 9:42 PM

How I attained the test video file of "My Awesome Web Application"
1. 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.
2. 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

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 my Github 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 cloned 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. Deployment_6_main also represented a pipeline project from Jenkins 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