

Project : Application Deployment Using CI/CD Tools

Problem Statement:

Company ABC want to implement DevOps Lifecycle in their company for the application.

Following are the specifications of the lifecycle:

1. Install the necessary software on the machines using a configuration management tool
2. Git workflow has to be implemented
3. CodeBuild should automatically be triggered once a commit is made to master branch or develop branch.
 - a. If a commit is made to master branch, test and push to prod
 - b. If a commit is made to develop branch, just test the product, do not push to prod
4. The code should be containerized with the help of a Dockerfile. The Dockerfile should be built every time there is a push to GitHub. Use the following pre-built container for your application: hshar/webapp
The code should reside in '/var/www/html'
5. The above tasks should be defined in a Jenkins Pipeline with the following jobs:
 - a. Job1 : build
 - b. Job2 : test
 - c. Job3 : prod

Tools:

Configuration Management Tool: Ansible

Source Code Management Tool: Git

Containerization Tool: Docker

CI/CD Tool: Jenkins

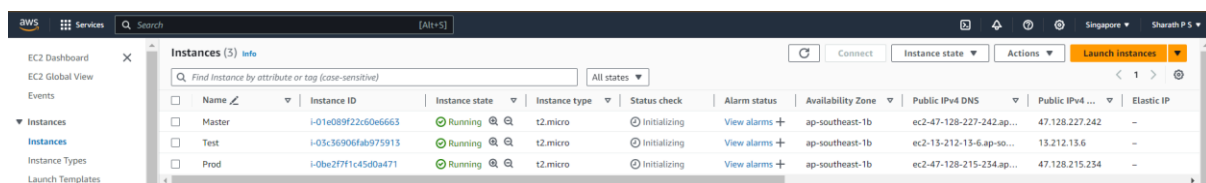
Solution:

1. Launch three EC2 machines and install the required services and tools
Master: Ansible, Docker, Java, Jenkins
Test: Docker, Java

Prod: Docker, Java

2. Connecting Master and Slaves
3. Configuring Master and Slaves using ansible
4. Launch jenkins in master and connect the slaves to the master.
5. Create the dockerfile and index.html file in the github repo
6. Create the jobs and build as per the specifications
7. Install plugin and add the jobs for the pipeline view

1. EC2 instances using AMI as ubuntu



2. Connected to three EC2 instance and install required tools and services

Master:

Connecting to EC2 using the public IP. Then processing the below linux commands to install the services.

- `sudo apt-get update`
- `sudo nano a.sh` (Installation commands of ansible)

```
$ sudo apt update
$ sudo apt install software-properties-common
$ sudo add-apt-repository --yes --update ppa:ansible/ansible
$ sudo apt install ansible
```

```
GNU nano 7.2 a.sh
sudo apt update
sudo apt install software-properties-common
sudo add-apt-repository --yes --update ppa:ansible/ansible
sudo apt install ansible
```

- `bash a.sh`

3. ssh connection is made to connect between master and slaves:

on Master:

- `ssh-keygen -t rsa`

```

ubuntu@ip-172-31-38-65:~$ ssh-keygen -t rsa
Generating public/private rsa key pair.
Enter file in which to save the key (/home/ubuntu/.ssh/id_rsa):
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/ubuntu/.ssh/id_rsa
Your public key has been saved in /home/ubuntu/.ssh/id_rsa.pub
The key fingerprint is:
SHA256:xc/tkDlEXs0kFV5lNPQdXwGa2abM7vddunx37pfJDqI ubuntu@ip-172-31-38-65
The key's randomart image is:
+---[RSA 3072]---+
|      . . = % |
|      . 0 = . . 0 @ |
|      o + oo . + |
|      . o + o + |
|      S  + B . |
|      .  + |
|      o . o + |
|      o . o . = B |
|      E . . * B B |
+---[SHA256]-----+

```

Copy the public key of master and paste it into the slave

- `cd .ssh`
- `ls`
- `cat id_rsa.pub`

go to slaves

- `cd .ssh`
- `sudo nano authorized_keys`

Paste the public key of the master to slaves

4. Slaves connections to master

Giving the private ip of the slaves to hosts

- `cd /etc/ansible/`
- `sudo nano hosts`

```

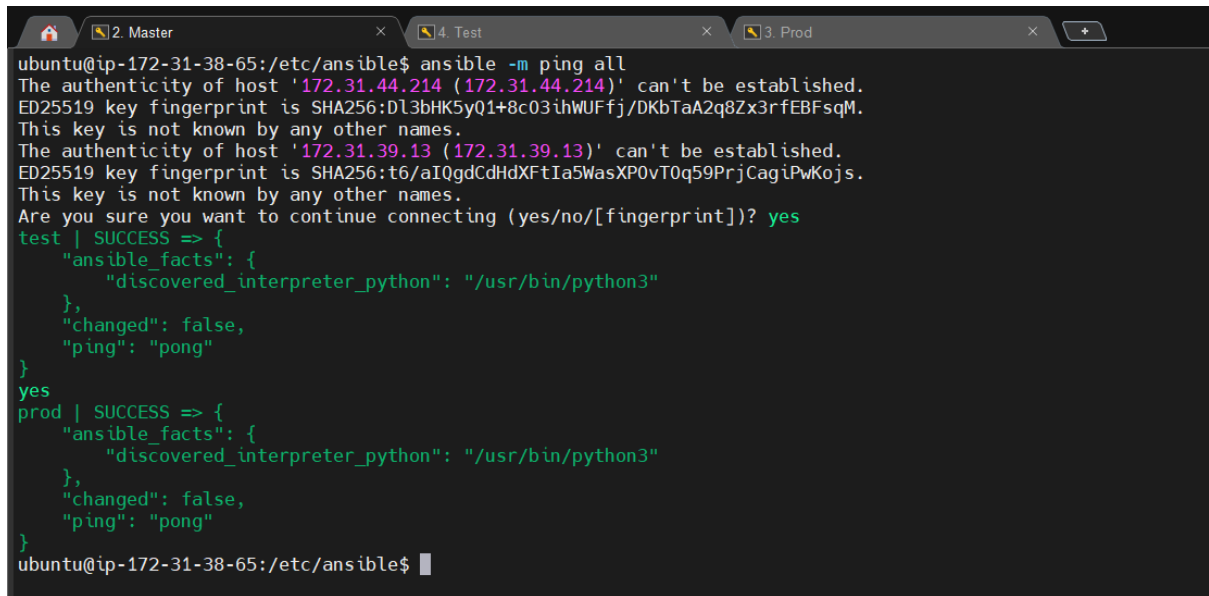
ubuntu@ip-172-31-38-65:~/.ssh$ cd /etc/ansible
ubuntu@ip-172-31-38-65:/etc/ansible$ ls
ansible.cfg  hosts  roles

GNU nano 7.2 hosts *
[group]
test ansible_host = 172.31.44.214
prod ansible_host = 172.31.39.13

```

To establish the connection

- `ansible -m ping all`



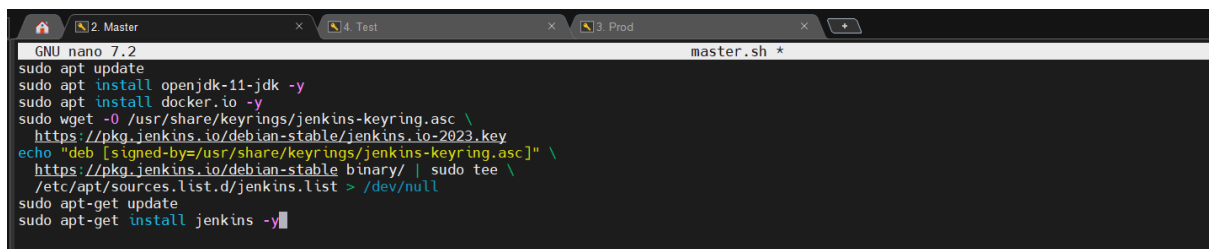
```

ubuntu@ip-172-31-38-65:/etc/ansible$ ansible -m ping all
The authenticity of host '172.31.44.214 (172.31.44.214)' can't be established.
ED25519 key fingerprint is SHA256:DL3bHK5yQ1+8c03ihWUFfj/DKbTaA2q8Zx3rfEBFsQM.
This key is not known by any other names.
The authenticity of host '172.31.39.13 (172.31.39.13)' can't be established.
ED25519 key fingerprint is SHA256:t6/aIQgdCdHdXFtIa5WasXP0vT0q59PrjCagiPwKojis.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
test | SUCCESS => {
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python3"
  },
  "changed": false,
  "ping": "pong"
}
yes
prod | SUCCESS => {
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python3"
  },
  "changed": false,
  "ping": "pong"
}
ubuntu@ip-172-31-38-65:/etc/ansible$

```

5. Creating a sh file to install the required tools and services on master and slaves

- `sudo nano master.sh`

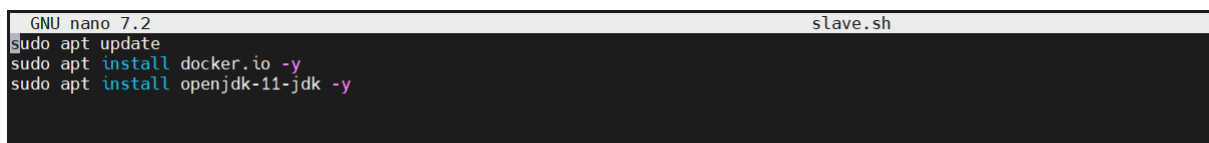


```

GNU nano 7.2 master.sh
sudo apt update
sudo apt install openjdk-11-jdk -y
sudo apt install docker.io -y
sudo wget -O /usr/share/keyrings/jenkins-keyring.asc \
  https://pkg.jenkins.io/debian-stable/jenkins.io-2023.key
echo "deb [signed-by=/usr/share/keyrings/jenkins-keyring.asc] \
  https://pkg.jenkins.io/debian-stable binary/" | sudo tee \
  /etc/apt/sources.list.d/jenkins.list > /dev/null
sudo apt-get update
sudo apt-get install jenkins -y

```

- `sudo nano slaves.sh`



```

GNU nano 7.2 slave.sh
sudo apt update
sudo apt install docker.io -y
sudo apt install openjdk-11-jdk -y

```

Creating playbook for the configuration

- `sudo nano play.yaml`

```

GNU nano 7.2 play.yaml
--
- name: executing tasks on master
  become: true
  hosts: localhost
  tasks:
    - name: executing script on master
      script: master.sh
- name: executing tasks on slaves
  become: true
  hosts: all
  tasks:
    - name: executing script on slaves
      script: slave.sh

```

- ansible-playbook play.yaml --syntax-check
- ansible-playbook play.yaml --check

```

ubuntu@ip-172-31-38-65:/etc/ansible$ sudo nano play.yaml
ubuntu@ip-172-31-38-65:/etc/ansible$ ansible-playbook play.yaml --syntax-check
playbook: play.yaml
ubuntu@ip-172-31-38-65:/etc/ansible$ ansible-playbook play.yaml --check

PLAY [executing tasks on master] *****
TASK [Gathering Facts] *****
ok: [localhost]

TASK [executing script on master] *****
skipping: [localhost]

PLAY [executing tasks on slaves] *****
TASK [Gathering Facts] *****
ok: [test]
ok: [prod]

TASK [executing script on slaves] *****
skipping: [test]
skipping: [prod]

PLAY RECAP *****
localhost      : ok=1  changed=0    unreachable=0    failed=0    skipped=1    rescued=0    ignored=0
prod           : ok=1  changed=0    unreachable=0    failed=0    skipped=1    rescued=0    ignored=0
test           : ok=1  changed=0    unreachable=0    failed=0    skipped=1    rescued=0    ignored=0
ubuntu@ip-172-31-38-65:/etc/ansible$

```

- ansible-playbook play.yaml

```

PLAY [executing tasks on slaves] *****
TASK [Gathering Facts] *****
ok: [test]
ok: [prod]

TASK [executing script on slaves] *****
skipping: [test]
skipping: [prod]

PLAY RECAP *****
localhost      : ok=1  changed=0    unreachable=0    failed=0    skipped=1    rescued=0    ignored=0
prod           : ok=1  changed=0    unreachable=0    failed=0    skipped=1    rescued=0    ignored=0
test           : ok=1  changed=0    unreachable=0    failed=0    skipped=1    rescued=0    ignored=0
ubuntu@ip-172-31-38-65:/etc/ansible$ ansible-playbook play.yaml

PLAY [executing tasks on master] *****
TASK [Gathering Facts] *****
ok: [localhost]

TASK [executing script on master] *****
changed: [localhost]

PLAY [executing tasks on slaves] *****
TASK [Gathering Facts] *****
ok: [test]
ok: [prod]

TASK [executing script on slaves] *****
changed: [test]
changed: [prod]

PLAY RECAP *****
localhost      : ok=2  changed=1    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
prod           : ok=2  changed=1    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
test           : ok=2  changed=1    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0

```

6. Accessing Jenkins that installed on Master:

http://Public_IP:8080/

Create First Admin User

Username

admin

Password

Confirm password

Full name

Admin

E-mail address


sharath123@gmail.com

Jenkins 2.452.3






[Skip and continue as admin](#)

[Save and Continue](#)


username: admin
password: admin123


 **Jenkins**


Search (CTRL+K)


    Admin  log out

Dashboard >

 New Item

 Build History

 Manage Jenkins

 My Views

Build Queue

No builds in the queue.

Build Executor Status

1 Idle

2 Idle

Welcome to Jenkins!

This page is where your Jenkins jobs will be displayed. To get started, you can set up distributed builds or start building a software project.

Start building your software project

Create a job

Set up a distributed build

Set up an agent

Configure a cloud

Learn more about distributed builds

[Add description](#)

7. Connecting the Test and Prod nodes to Jenkins

The Jenkins dashboard shows the 'Nodes' page. A 'New Node' button is highlighted with a red box. The table below shows the status of the 'Built-In Node'.

S	Name	Architecture	Clock Difference	Free Disk Space	Free Swap Space	Free Temp Space	Response Time
	Built-In Node	Linux (amd64)	In sync	3.24 GiB	1 0 B	3.24 GiB	0ms
Data obtained			42 min	42 min	42 min	42 min	42 min

The Jenkins dashboard shows the 'Nodes' page with three nodes: 'Built-In Node', 'prod', and 'test'. The 'New Node' button is highlighted with a red box. The table below shows the status of these nodes.

S	Name	Architecture	Clock Difference	Free Disk Space	Free Swap Space	Free Temp Space	Response Time
	Built-In Node	Linux (amd64)	In sync	2.93 GiB	1 0 B	2.93 GiB	0ms
	prod	Linux (amd64)	In sync	3.97 GiB	1 0 B	3.97 GiB	38ms
	test	Linux (amd64)	In sync	4.10 GiB	1 0 B	4.10 GiB	25ms
Data obtained			78 ms	75 ms	73 ms	72 ms	71 ms

8. Creating Jobs

Slave1 – Test

Slave2 – Prod

job1 – connected to master (test) – Git from master branch

job2 – connected to slave1 (test) – Git from develop branch

job3 – connected to slave2 (prod) – Git from master branch

Dockerfile in the Github

The GitHub repository view shows the 'website' repository. The 'Dockerfile' is selected in the file explorer. The code is as follows:

```
1 FROM ubuntu
2 RUN apt-get update
3 RUN apt-get install apache2 -y
4 ADD . /var/www/html/
5 ENTRYPOINT apache2ctl -D FOREGROUND
```

Configuration of job1

Configure

General

Source Code Management

Build Triggers

Build Environment

Build Steps

Post-build Actions

Description

Plain text [Preview](#)

☐ Discard old builds [?](#)

☐ GitHub project

☐ This project is parameterized [?](#)

☐ Throttle builds [?](#)

☐ Execute concurrent builds if necessary [?](#)

☒ Restrict where this project can be run [?](#)

Label Expression [?](#)

test

Label test matches 1 node. Permissions or other restrictions provided by plugins may further reduce that list.

Advanced [▼](#)

Configure

General

Source Code Management

Build Triggers

Build Environment

Build Steps

Post-build Actions

Source Code Management

☐ None

☒ Git [?](#)

Repositories [?](#)

Repository URL [?](#)

https://github.com/Shar1208/website.git

Credentials [?](#)

- none - [▼](#)

+ Add [▼](#)

Advanced [▼](#)

Add Repository

Branches to build [?](#)

Branch Specifier (blank for 'any') [?](#)

*/master

Add Branch

Repository browser [?](#)

(Auto) [▼](#)

Additional Behaviours

Add [▼](#)

Configure

General

Source Code Management

Build Triggers

Build Environment

Build Steps

Post-build Actions

Build Triggers

☐ Trigger builds remotely (e.g., from scripts) [?](#)

☐ Build after other projects are built [?](#)

☐ Build periodically [?](#)

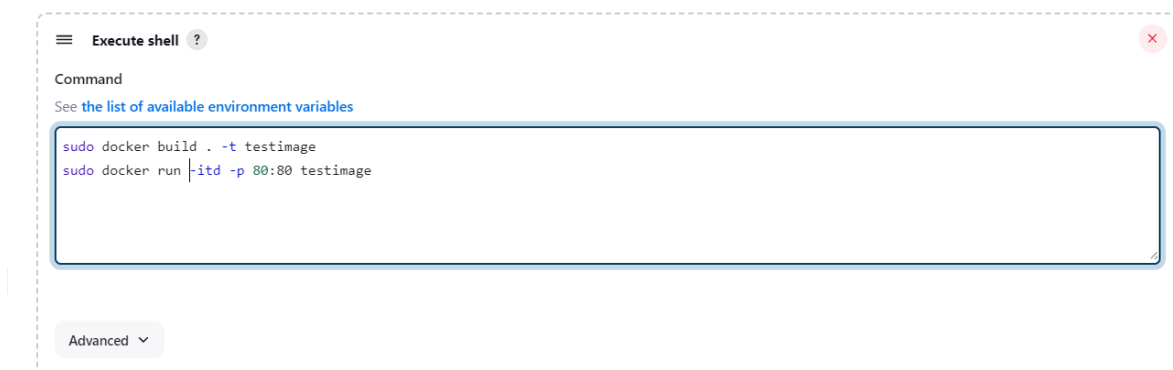
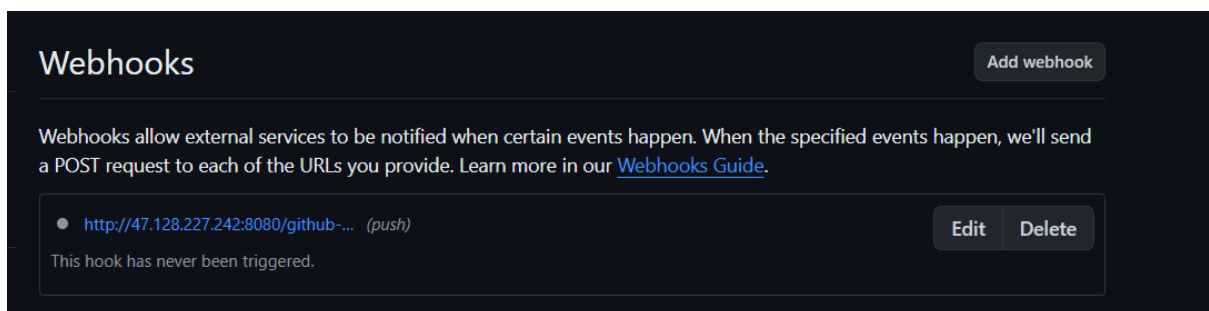
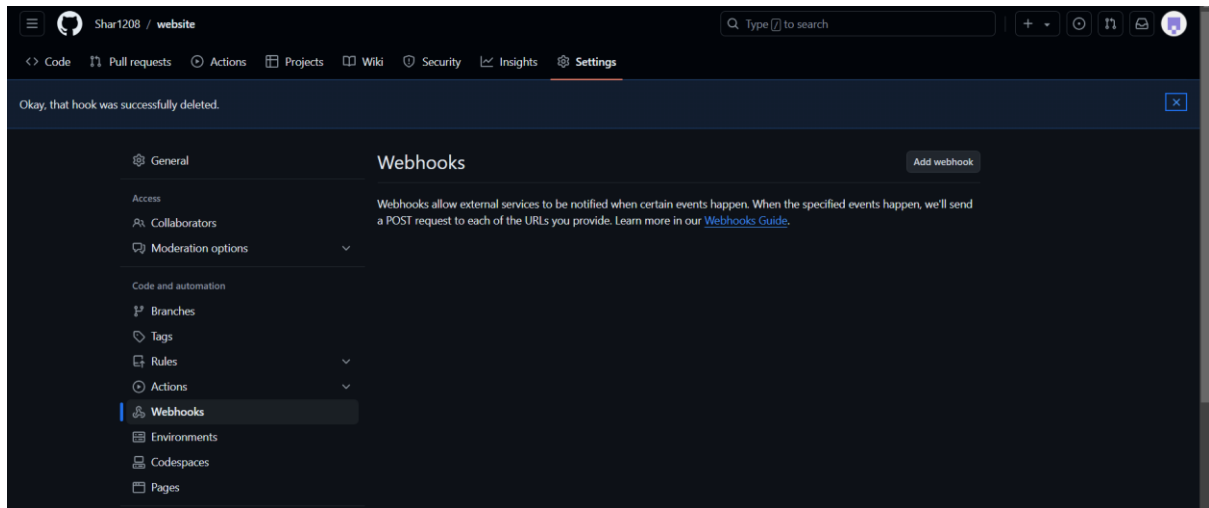
☒ GitHub hook trigger for GITScm polling [?](#)

☐ Poll SCM [?](#)

Creating github webhook:

Add this url:

<http://47.128.227.242:8080/github-webhook/>



After build the job

Status

Changes

Console Output

- View as plain text
- Edit Build Information
- Delete build #5
- Timings
- Git Build Data
- Previous Build

```

Started by user Admin
Running as SYSTEM
Building remotely on test in workspace /home/ubuntu/jenkins/workspace/job1
The recommended git tool is: NONE
No credentials specified
> git rev-parse --resolve-git-dir /home/ubuntu/jenkins/workspace/job1/.git # timeout=10
Fetching changes from the remote Git repository
> git config remote.origin.url https://github.com/Shari208/website.git # timeout=10
Fetching upstream changes from https://github.com/Shari208/website.git
> git --version # timeout=10
> git -version # 'git version 2.43.0'
> git fetch --tags --force --progress -- https://github.com/Shari208/website.git +refs/heads/*:refs/remotes/origin/* # timeout=10
> git rev-parse refs/remotes/origin/master^{commit} # timeout=10
Checking out Revision ac9bcf156eb2e2cbcd9ce49c35e922f657d92d07 (refs/remotes/origin/master)
> git config core.sparsecheckout # timeout=10
> git checkout -f ac9bcf156eb2e2cbcd9ce49c35e922f657d92d07 # timeout=10
Commit message: "Update Dockerfile"
> git rev-list --no-walk ac9bcf156eb2e2cbcd9ce49c35e922f657d92d07 # timeout=10
[job1] $ /bin/sh -xe /tmp/jenkins14793893154336377735.sh
+ sudo docker build . -t testimage
DEPRECATED: The legacy builder is deprecated and will be removed in a future release.
            Install the buildx component to build images with BuildKit:
            https://docs.docker.com/go/buildx/
https://docs.docker.com/go/buildx/

Sending build context to Docker daemon 310.8kB

Step 1/5 : FROM ubuntu
--> 35a8802559d
Step 2/5 : RUN apt-get update
--> Using cache
--> c22297abb46d
Step 3/5 : RUN apt-get install apache2 -y
--> Using cache
--> 69756b336031
Step 4/5 : ADD . /var/www/html/
--> Using cache
--> d3fba279c414
Step 5/5 : ENTRYPOINT apachectl -D FOREGROUND
--> Using cache
--> 0c1bccf70204
Successfully built 0c1bccf70204
Successfully tagged testimage:latest
+ sudo docker run -ltd -p 80:80 testimage
5c0f897cbd99ffaf1bb0b1926e473ff9bf58fb33db312bc23b001e415d9f7a0
Finished: SUCCESS

```

Going to test machine to find the path and the build

```
ubuntu@ip-172-31-44-214:~/ssh$ cd ..
ubuntu@ip-172-31-44-214:~$ ls
jenkins
ubuntu@ip-172-31-44-214:~$ cd jenkins
ubuntu@ip-172-31-44-214:~/jenkins$ ls
remoting  remoting.jar  workspace
ubuntu@ip-172-31-44-214:~/jenkins$ cd workspace
ubuntu@ip-172-31-44-214:~/jenkins/workspace$ ls
job1
ubuntu@ip-172-31-44-214:~/jenkins/workspace$ cd job1
ubuntu@ip-172-31-44-214:~/jenkins/workspace/job1$ ls
Dockerfile  images  index.html
ubuntu@ip-172-31-44-214:~/jenkins/workspace/job1$
```

```

ubuntu@ip-172-31-44-214:~/jenkins/workspace/job1$ sudo docker ps
CONTAINER ID   IMAGE      COMMAND                  CREATED          STATUS          PORTS                               NAMES
5c0f897cbd99   testimage  "/bin/sh -c 'apachec..." 6 minutes ago    Up 6 minutes    0.0.0.0:80->80/tcp, :::80->80/tcp   quizzical_hodgkin

ubuntu@ip-172-31-44-214:~/jenkins/workspace/job1$ sudo docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
testimage      latest   0c1bccf70204   9 minutes ago  223MB
<none>         <none>   81b4b7e1ea8c   13 minutes ago 223MB
ubuntu        latest   35a88802559d   4 weeks ago    78.1MB
ubuntu@ip-172-31-44-214:~/jenkins/workspace/job1$

```

Accessing the port 80:



Configuration of job2

Configure

- General
- Source Code Management
- Build Triggers
- Build Environment
- Build Steps
- Post-build Actions

Description

Plain text [Preview](#)

☐ Discard old builds ?

☐ GitHub project

☐ This project is parameterized ?

☐ Throttle builds ?

☐ Execute concurrent builds if necessary ?

☒ Restrict where this project can be run ?

Label Expression ?

test

Label test matches 1 node. Permissions or other restrictions provided by plugins may further reduce that list.

Advanced ▾

Dashboard > job2 > Configuration

Configure

- General
- Source Code Management
- Build Triggers
- Build Environment
- Build Steps
- Post-build Actions

☐ None

☒ Git ?

Repositories ?

Repository URL ?

https://github.com/Shar1208/website.git

Credentials ?

- none -

+ Add ▾

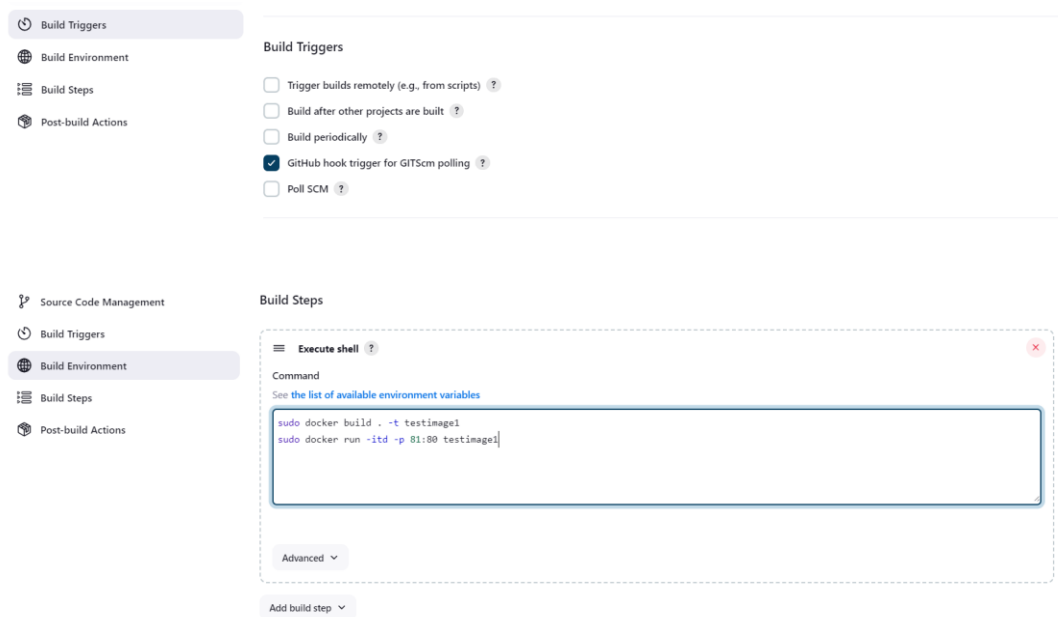
Advanced ▾

Add Repository

Branches to build ?

Branch Specifier (blank for 'any') ?

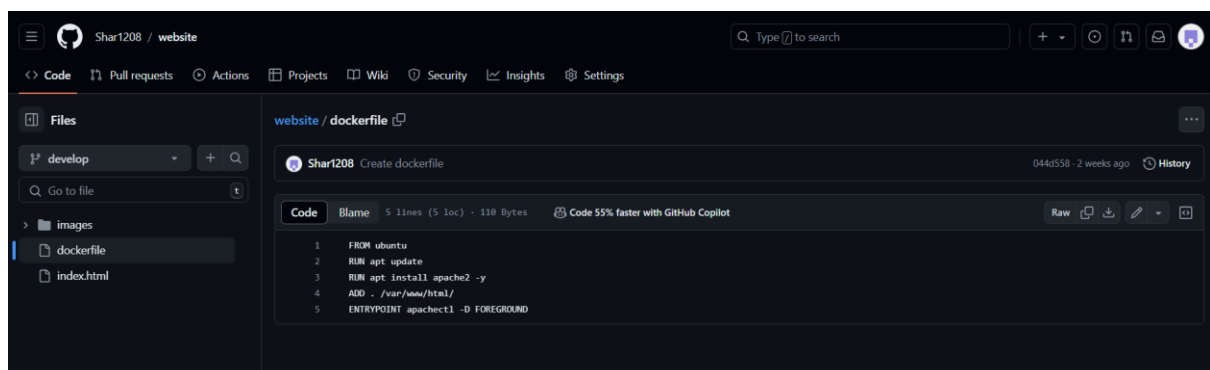
*/develop



After build the job2:

From develop branch

On Test machine



Dashboard > job2 > #1 > Console Output

- Status
- Changes
- Console Output
- View as plain text
- Edit Build Information
- Delete build #1
- Timings
- Git Build Data

✓ Console Output

```

Started by user Admin
Running as SYSTEM
Building remotely on test in workspace /home/ubuntu/jenkins/workspace/job2
The recommended git tool is: NONE
No credentials specified
Cloning the remote Git repository
Cloning repository https://github.com/Shar1208/website.git
> git init /home/ubuntu/jenkins/workspace/job2 # timeout=10
Fetching upstream changes from https://github.com/Shar1208/website.git
> git --version # timeout=10
> git --version # 'git version 2.43.0'
> git fetch --tags --force --progress -- https://github.com/Shar1208/website.git +refs/heads/*:refs/remotes/origin/* # timeout=10
> git config remote.origin.url https://github.com/Shar1208/website.git # timeout=10
> git config --add remote.origin.fetch +refs/heads/*:refs/remotes/origin/* # timeout=10
Avoid second fetch
> git rev-parse refs/remotes/origin/develop^{commit} # timeout=10
Checking out Revision 044d55898b2690d10e501d003fc104886d32c628 (refs/remotes/origin/develop)
> git config core.sparsecheckout # timeout=10
> git checkout -f 044d55898b2690d10e501d003fc104886d32c628 # timeout=10
Commit message: "Create dockerfile"
First time build. Skipping changelog.
[job2] $ /bin/sh -xe /tmp/jenkins3588626581087192195.sh
+ sudo docker build . -t testimage1
DEPRECATED: The legacy builder is deprecated and will be removed in a future release.
Install the buildx component to build images with BuildKit:
https://docs.docker.com/build/

```

Go to the test machine:

```

ubuntu@ip-172-31-44-214:~/jenkins/workspace/job1$ cd ..
ubuntu@ip-172-31-44-214:~/jenkins/workspace$ ls
job1  job2
ubuntu@ip-172-31-44-214:~/jenkins/workspace$ cd job2
ubuntu@ip-172-31-44-214:~/jenkins/workspace/job2$ ls
dockerfile  images  index.html
ubuntu@ip-172-31-44-214:~/jenkins/workspace/job2$

```

Accessing the port 81:



Configuration of job3

From master branch

On prod machine

Configure

General

Source Code Management

Build Triggers

Build Environment

Build Steps

Post-build Actions

General

Enabled

Description

Plain text

Preview

☐ Discard old builds

☐ GitHub project

☐ This project is parameterized

☐ Throttle builds

☐ Execute concurrent builds if necessary

☒ Restrict where this project can be run

Label Expression

prod

Configure

General

Source Code Management

Build Triggers

Build Environment

Build Steps

Post-build Actions

Git

Repositories

Repository URL

https://github.com/Shar1208/website.git

Credentials

- none -

+ Add

Advanced

Add Repository

Branches to build

Branch Specifier (blank for 'any')

*/master

Configure

General

Source Code Management

Build Triggers

Build Environment

Build Steps

Post-build Actions

Build Triggers

☐ Trigger builds remotely (e.g., from scripts)

☐ Build after other projects are built

☐ Build periodically

☒ GitHub hook trigger for GITScm polling

☐ Poll SCM

Build Steps

Execute shell ?

Command

See [the list of available environment variables](#)

```
sudo docker build . -t testimage
sudo docker run -itd -p 80:80 testimage
```

Advanced ▾

Dashboard > job3 > #1 > Console Output

Status

</> Changes

Console Output

View as plain text

Edit Build Information

Delete build #1

Timings

Git Build Data

Next Build

✓ Console Output

Started by user Admin
Running as SYSTEM
Building remotely on prod in workspace /home/ubuntu/jenkins/workspace/job3
The recommended git tool is: NONE
No credentials specified
Cloning the remote Git repository
Cloning repository https://github.com/Shar1208/website.git
> git init /home/ubuntu/jenkins/workspace/job3 # timeout=10
Fetching upstream changes from https://github.com/Shar1208/website.git
> git --version # timeout=10
> git --version # 'git version 2.43.0'
> git fetch --tags --force --progress -- https://github.com/Shar1208/website.git +refs/heads/*:refs/remotes/origin/* # timeout=10
> git config remote.origin.url https://github.com/Shar1208/website.git # timeout=10
> git config --add remote.origin.fetch +refs/heads/*:refs/remotes/origin/* # timeout=10
Avoid second fetch
> git rev-parse refs/remotes/origin/master^{commit} # timeout=10
Checking out Revision ac9bcf156eb2e2cbed9ce49c35e922f657d92d07 (refs/remotes/origin/master)
> git config core.sparsecheckout # timeout=10
> git checkout -f ac9bcf156eb2e2cbed9ce49c35e922f657d92d07 # timeout=10
Commit message: "Update Dockerfile"
First time build. Skipping changelog.
[job3] \$ /bin/sh -xe /tmp/jenkins10385205210759379000.sh
+ sudo docker build . -t testimage
DEPRECATED: The legacy builder is deprecated and will be removed in a future release.
Install the buildx component to build images with BuildKit:
<https://docs.docker.com/go/buildx/>

Go to the prod machine:

```
ubuntu@ip-172-31-39-13:~/ssh$ cd ..
ubuntu@ip-172-31-39-13:~$ ls
jenkins
ubuntu@ip-172-31-39-13:~$ cd jenkins
ubuntu@ip-172-31-39-13:~/jenkins$ ls
remoting  remoting.jar  workspace
ubuntu@ip-172-31-39-13:~/jenkins$ cd workspace
ubuntu@ip-172-31-39-13:~/jenkins/workspace$ ls
job3
ubuntu@ip-172-31-39-13:~/jenkins/workspace$ cd job3
ubuntu@ip-172-31-39-13:~/jenkins/workspace/job3$ ls
Dockerfile  images  index.html
ubuntu@ip-172-31-39-13:~/jenkins/workspace/job3$
```

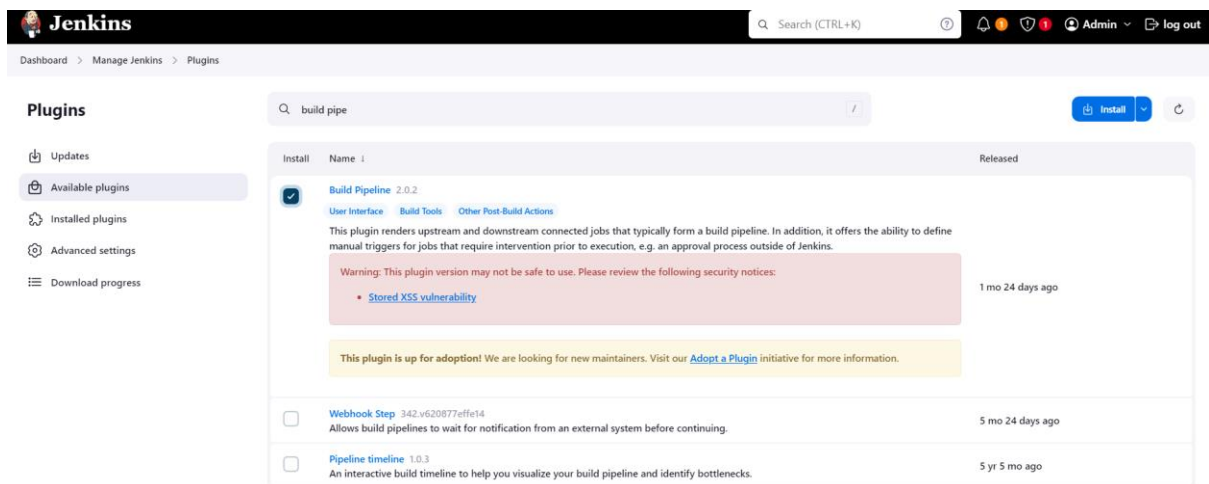
```
ubuntu@ip-172-31-39-13:~/jenkins/workspace/job3$ sudo docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
testimage     latest   60ad8083859e   3 minutes ago  223MB
ubuntu        latest   35a88802559d   4 weeks ago   78.1MB
ubuntu@ip-172-31-39-13:~/jenkins/workspace/job3$ sudo docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS        PORTS                               NAMES
31a20f7b6397  testimage "/bin/sh -c 'apachec..." 3 minutes ago  Up 3 minutes  0.0.0.0:80->80/tcp, :::80->80/tcp  pensive_robinson
ubuntu@ip-172-31-39-13:~/jenkins/workspace/job3$
```

accessing on port 80 of the prod:




9. Build Pipeline:


For this we have to install the plugin build pipeline





Dashboard > New view


+ New Item

 Build History

 Project Relationship

 Check File Fingerprint

 Manage Jenkins

 My Views

Build Queue

No builds in the queue.

Build Executor Status

Built-In Node

1 Idle

2 Idle

New view

Name

Monitoring_jobs

Type

☒ Build Pipeline View

Shows the jobs in a build pipeline view. The complete pipeline of jobs that a version propagates through are shown as a row in the view.

☐ List View

Shows items in a simple list format. You can choose which jobs are to be displayed in which view.

☐ My View

This view automatically displays all the jobs that the current user has an access to.

Create

Dashboard > Monitoring_jobs >

Build Pipeline

Run

History

Configure

Add Step

Delete

Manage

Pipeline

#7

#7 job1

Nov 11, 2024 8:42:00 AM

1.5 sec

Success

#2 job2

Nov 11, 2024 8:42:14 AM

1.4 sec

Success

#3 job3

Nov 11, 2024 8:42:24 AM

1.7 sec

Success