

TASK-2

The screenshot shows the Docker Hub interface for a repository named 'lavanavelu/project'. The left sidebar contains navigation links: Repositories, Settings, Default privacy, Notifications, Billing, Usage, Pulls, and Storage. The main content area has tabs for General, Tags, Image Management, Collaborators, Webhooks, and Settings. The 'General' tab is active, showing the repository name, creation time, and options to add a description or category. A 'Docker commands' section provides a command to push a new tag. A 'buildcloud' advertisement is visible on the right. At the bottom, there is a cookie consent banner.

```
kesavaprabha@LAPTOP-IQ521VJC:~$ sudo systemctl status jenkins
[sudo] password for kesavaprabha:
● jenkins.service - Jenkins Continuous Integration Server
   Loaded: loaded (/usr/lib/systemd/system/jenkins.service; enabled; preset: enabled)
   Active: active (running) since Wed 2025-03-19 03:29:42 UTC; 1min 14s ago
     Main PID: 169 (java)
       Tasks: 58 (limit: 4609)
      Memory: 476.6M (-)
     CGroup: /system.slice/jenkins.service
             └─169 /usr/bin/java -Djava.awt.headless=true -jar /usr/share/java/jenkins.war --webroot=/var/cache/jenkins

Mar 19 03:29:39 LAPTOP-IQ521VJC jenkins[169]: 2025-03-19 03:29:39.506+0000 [id=54] INFO jenkins.InitReacto
Mar 19 03:29:39 LAPTOP-IQ521VJC jenkins[169]: 2025-03-19 03:29:39.510+0000 [id=49] INFO jenkins.InitReacto
Mar 19 03:29:39 LAPTOP-IQ521VJC jenkins[169]: 2025-03-19 03:29:39.945+0000 [id=44] INFO h.p.b.g.GlobalLine
Mar 19 03:29:41 LAPTOP-IQ521VJC jenkins[169]: 2025-03-19 03:29:41.853+0000 [id=41] INFO jenkins.InitReacto
Mar 19 03:29:41 LAPTOP-IQ521VJC jenkins[169]: 2025-03-19 03:29:41.854+0000 [id=42] INFO jenkins.InitReacto
Mar 19 03:29:41 LAPTOP-IQ521VJC jenkins[169]: 2025-03-19 03:29:41.984+0000 [id=51] INFO jenkins.InitReacto
Mar 19 03:29:42 LAPTOP-IQ521VJC jenkins[169]: 2025-03-19 03:29:42.089+0000 [id=41] INFO jenkins.InitReacto
Mar 19 03:29:42 LAPTOP-IQ521VJC jenkins[169]: 2025-03-19 03:29:42.176+0000 [id=56] INFO jenkins.InitReacto
Mar 19 03:29:42 LAPTOP-IQ521VJC jenkins[169]: 2025-03-19 03:29:42.242+0000 [id=25] INFO hudson.lifecycle.S
Mar 19 03:29:42 LAPTOP-IQ521VJC systemd[1]: Started jenkins.service - Jenkins Continuous Integration Server.
kesavaprabha@LAPTOP-IQ521VJC:~$
kesavaprabha@LAPTOP-IQ521VJC:~$
kesavaprabha@LAPTOP-IQ521VJC:~$
kesavaprabha@LAPTOP-IQ521VJC:~$ sudo usermod -aG docker $USER
[sudo] password for kesavaprabha:
kesavaprabha@LAPTOP-IQ521VJC:~$ docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
kesavaprabha@LAPTOP-IQ521VJC:~$ sudo chmod 666 /var/run/docker.sock
kesavaprabha@LAPTOP-IQ521VJC:~$ docker images
```

The screenshot shows the Jenkins Configuration page for a job named 'task2'. The left sidebar has tabs for General, Triggers, Pipeline, and Advanced. The 'Triggers' tab is selected. The 'Configure' section on the right contains several checkboxes for build triggers: 'Build after other projects are built', 'Build periodically', 'GitHub hook trigger for GITScm polling', 'Poll SCM', and 'Trigger builds remotely (e.g., from scripts)'. Below these is a 'Pipeline' section with a 'Definition' field set to 'Pipeline script'. A 'Script' section contains a Groovy script for pipeline configuration. At the bottom, there are 'Save' and 'Apply' buttons.

Status

Changes

Build Now

Configure

Delete Pipeline

Stages

Rename

Pipeline Syntax

task2

Permalinks

- Last build (98), 1 hr 4 min ago
- Last stable build (98), 1 hr 4 min ago
- Last successful build (98), 1 hr 4 min ago
- Last completed build (98), 1 hr 4 min ago

Builds

Filter

Today

#8 4:19 AM

Status

Changes

Console Output

Edit Build Information

Delete build #8

Timings

Git Build Data

Pipeline Overview

Pipeline Console

Restart from Stage

Replay

Pipeline Steps

Workspaces

Console Output

Download

Copy

View as plain text

```

started by user Anura Prabha L
[Pipeline] start of pipeline
[Pipeline] node
Running on Jenkins in /var/lib/jenkins/workspace/task2
[Pipeline] {
[Pipeline] withCredentials
Marking supported pattern matches of $DOCKERHUB_CREDENTIALS or $DOCKERHUB_CREDENTIALS_PSW
[Pipeline] {
[Pipeline] withEnv (Node)
[Pipeline] {
[Pipeline] stage
[Pipeline] { (CKR checkin)
[Pipeline] git
The recommended git tool is: none
no credentials specified
> git rev-parse --resolve-git-dir /var/lib/jenkins/workspace/task2/.git # timeout=30
Fetching changes from the remote git repository
> git config remote.origin.url https://github.com/111p4499/111-node-app.git # timeout=10
Fetching upstream changes from https://github.com/111p4499/111-node-app.git
> git --version # timeout=30
> git --version # 'git version 2.40.0'
> git fetch --tags --force --progress -- https://github.com/111p4499/111-node-app.git +refs/heads/*:refs/remotes/origin/* # timeout=30
> git rev-parse refs/remotes/origin/main:commit # timeout=30
Checking out Revision 6ea48aaf5104c86158f864686a556468180eb (refs/remotes/origin/main)

```

```

99400e0eb7c: Preparing
9e87a37fe742: Preparing
5ffdb0016f56: Preparing
adc99b873e15: Preparing
612df26c9e2b: Preparing
5ffdb0016f56: waiting
adc99b873e15: waiting
612df26c9e2b: waiting
9e87a37fe742: Mounted from library/node
99400e0eb7c: Pushed
0fc1124d9568: Pushed
5ffdb0016f56: Mounted from library/node
adc99b873e15: Mounted from library/node
148d45afb21a: Pushed
612df26c9e2b: Mounted from library/node
adbf0e2d0e1b: Pushed
6: digest: sha256:58b56831f99678c14c3032eb997225492c797c57b48c55c584cf473d02893 size: 1995
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // withCredentials
[Pipeline] }
[Pipeline] // node
[Pipeline] end of pipeline
Finished: SUCCESS

```