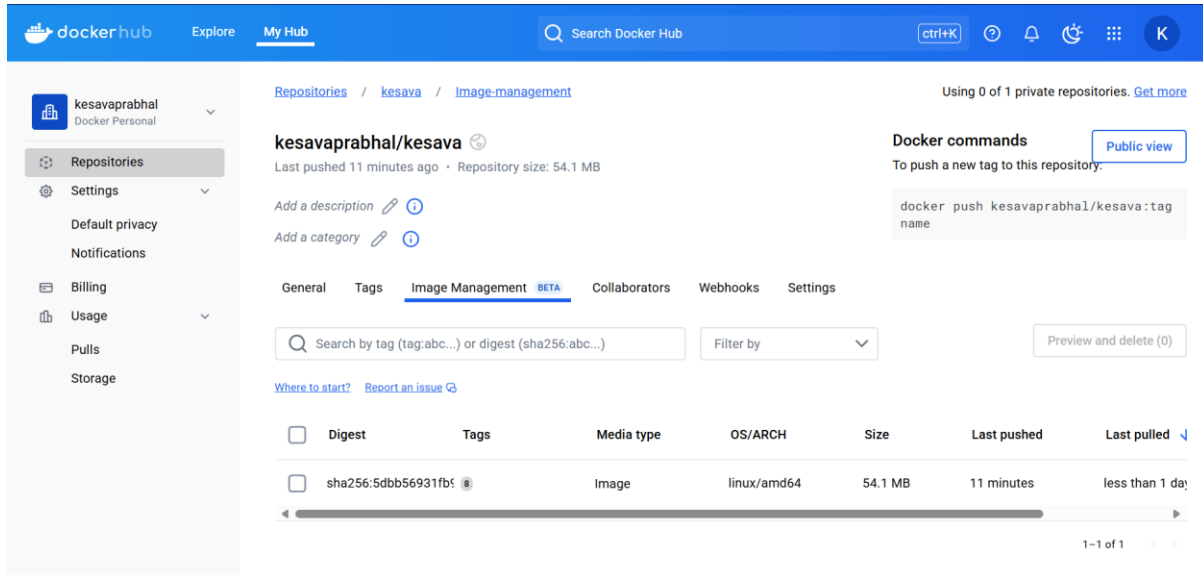


TASK-2



The screenshot shows the Docker Hub interface for the repository `kesavaprabhal/kesava`. The repository is under the `Image Management` tab, which is marked as `BETA`. It shows a single tag with a digest of `sha256:5dbb56931fbf...`, an image size of 54.1 MB, and was pushed 11 minutes ago. The interface includes a sidebar with navigation options like `Repositories`, `Settings`, `Default privacy`, `Notifications`, `Billing`, `Usage`, `Pulls`, and `Storage`. The main content area has tabs for `General`, `Tags`, `Image Management` (selected), `Collaborators`, `Webhooks`, and `Settings`. A search bar is present for finding tags by digest or media type. A 'Docker commands' section on the right shows the command `docker push kesavaprabhal/kesava:tag name`.

```
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.InitReact>
Mar 19 03:29:39 LAPTOP-IQ521VJC jenkins[169]: 2025-03-19 03:29:39.510+0000 [id=49] INFO jenkins.InitReact>
Mar 19 03:29:39 LAPTOP-IQ521VJC jenkins[169]: 2025-03-19 03:29:39.945+0000 [id=44] INFO h.p.b.g.GlobalTim>
Mar 19 03:29:41 LAPTOP-IQ521VJC jenkins[169]: 2025-03-19 03:29:41.853+0000 [id=41] INFO jenkins.InitReact>
Mar 19 03:29:41 LAPTOP-IQ521VJC jenkins[169]: 2025-03-19 03:29:41.854+0000 [id=42] INFO jenkins.InitReact>
Mar 19 03:29:41 LAPTOP-IQ521VJC jenkins[169]: 2025-03-19 03:29:41.984+0000 [id=51] INFO jenkins.InitReact>
Mar 19 03:29:42 LAPTOP-IQ521VJC jenkins[169]: 2025-03-19 03:29:42.089+0000 [id=41] INFO jenkins.InitReact>
Mar 19 03:29:42 LAPTOP-IQ521VJC jenkins[169]: 2025-03-19 03:29:42.176+0000 [id=56] INFO jenkins.InitReact>
Mar 19 03:29:42 LAPTOP-IQ521VJC jenkins[169]: 2025-03-19 03:29:42.242+0000 [id=25] INFO hudson.lifecycle.>
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
```

Dashboard > task2 > Configuration

Configure

General

Triggers

Pipeline

Advanced

Set up automated builds that start your build based on specific events, like code changes or scheduled times.

☐ Build after other projects are built ?

☐ Build periodically ?

☐ GitHub hook trigger for GITScm polling ?

☐ Poll SCM ?

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

Pipeline

Define your Pipeline using Groovy directly or pull it from source control.

Definition

Pipeline script

Script ?

```
1 pipeline {
2   agent any
3   environment {
4     DOCKERHUB_CREDENTIALS = credentials('docker-token')
5     APP_NAME = 'kesavaprabha/kesava'
6   }
7   stages {
8     stage('SCM Checkout') {
9       steps {
10        git branch: 'main', url: 'https://github.com/lily4499/lil-node-app.git'
11      }
12    }
13  }
14 }
```

Save

Apply

Jenkins

Dashboard > task2 >

Status

</> Changes

Build Now

Configure

Delete Pipeline

Stages

Rename

Pipeline Syntax

task2

Permalinks

Last build (#8), 1 hr 4 min ago

Last stable build (#8), 1 hr 4 min ago

Last successful build (#8), 1 hr 4 min ago

Last completed build (#8), 1 hr 4 min ago

Buils

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 Kesava Prabha L
[Pipeline] Start of Pipeline
[Pipeline] node
Running on Jenkins in /var/lib/jenkins/workspace/task2
[Pipeline] {
[Pipeline] withCredentials
Masking supported pattern matches of $DOCKERHUB_CREDENTIALS or $DOCKERHUB_CREDENTIALS_PSW
[Pipeline] {
[Pipeline] withEnv (hide)
[Pipeline] {
[Pipeline] stage
[Pipeline] { (SCM Checkout)
[Pipeline] git
The recommended git tool is: NONE
No credentials specified
> git rev-parse --resolve-git-dir /var/lib/jenkins/workspace/task2/.git # timeout=10
Fetching changes from the remote Git repository
> git config remote.origin.url https://github.com/lily4499/lil-node-app.git # timeout=10
Fetching upstream changes from https://github.com/lily4499/lil-node-app.git
> git --version # timeout=10
> git --version # 'git version 2.43.0'
> git fetch --tags --force --progress -- https://github.com/lily4499/lil-node-app.git +refs/heads/*:refs/remotes/origin/* # timeout=10
> git rev-parse refs/remotes/origin/main^{commit} # timeout=10
Checking out Revision 6ec464aaf51fec661350f064698ca556668189e0 (refs/remotes/origin/main)
> git checkout -f 6ec464aaf51fec661350f064698ca556668189e0
First time build. No commits specified. Cloning from https://github.com/lily4499/lil-node-app.git
> git clone --depth=1 https://github.com/lily4499/lil-node-app.git
Cloning into 'lil-node-app'...
```

```
99400e8eeb7c: Preparing
9e07a17fe742: Preparing
5ffdd8016f56: Preparing
adc99b871e15: Preparing
617df26c9e2b: Preparing
5ffdd8016f56: Waiting
adc99b871e15: Waiting
617df26c9e2b: Waiting
9e07a17fe742: Mounted from library/node
99400e8eeb7c: Pushed
0fc1124d9588: Pushed
5ffdd8016f56: Mounted from library/node
adc99b871e15: Mounted from library/node
144e45afb21a: Pushed
617df26c9e2b: Mounted from library/node
4d4fd92d0e1b: Pushed
8: digest: sha256:5dbb56931fb9678c14c3032ed907225492c7b7c67b0c0c55c58acfba73db2693 size: 1995
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // withCredentials
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```