

DEVOPS – TASK 2

The screenshot shows the Jenkins dashboard for a job named 'devops-image'. The build #2, dated 20 Mar 2025 at 08:22:00, is in a successful state, indicated by a green checkmark. The left sidebar contains a list of navigation options: Status, Changes, Console Output, Edit Build Information, Delete build '#2', Timings, Git Build Data, Pipeline Overview, Pipeline Console, Restart from Stage, Replay, Pipeline Steps, and Workspaces. The main content area displays the build details. It shows that the build was started by user 'Swetha Radha' and took 1 min 8 sec to complete. A summary of the run time is provided: 12 ms waiting, 1 min 8 sec build duration, and 1 min 8 sec total from scheduled to completion. The build is linked to a Git repository at <https://github.com/Swetha004/capstone.git>, specifically revision 63443b3ec3ec8cfbc7f9f1454a9893c9c1e3e1b3. The build was triggered by a push to the 'refs/remotes/origin/main' branch. The console output shows 'No changes'.

Dashboard > devops-image > #2

Status ✓ #2 (20 Mar 2025, 08:22:00) [Add description](#) [Keep this build forever](#)

Changes

Console Output

Edit Build Information

Delete build '#2'

Timings

Git Build Data

Pipeline Overview

Pipeline Console

Restart from Stage

Replay

Pipeline Steps

Workspaces

Started by user [Swetha Radha](#)

Started 7 min 20 sec ago
Took 1 min 8 sec

This run spent:

- 12 ms waiting;
- 1 min 8 sec build duration;
- 1 min 8 sec total from scheduled to completion.

Revision: 63443b3ec3ec8cfbc7f9f1454a9893c9c1e3e1b3
Repository: <https://github.com/Swetha004/capstone.git>

- refs/remotes/origin/main

No changes.

The screenshot shows the console output for build #2. The output displays the process of fetching upstream changes from the specified Git repository, checking out the latest revision, and configuring the build environment. The build is triggered by a push to the 'refs/remotes/origin/main' branch. The console output shows the following steps:

```
Fetching upstream changes from https://github.com/Swetha004/capstone.git
> git --version # timeout=10
> git --version # "git version 2.43.0"
> git fetch --tags --force --progress -- https://github.com/Swetha004/capstone.git +refs/heads/*:refs/remotes/origin/* #
timeout=10
> git rev-parse refs/remotes/origin/main^{commit} # timeout=10
Checking out Revision 63443b3ec3ec8cfbc7f9f1454a9893c9c1e3e1b3 (refs/remotes/origin/main)
> git config core.sparsecheckout # timeout=10
> git checkout -f 63443b3ec3ec8cfbc7f9f1454a9893c9c1e3e1b3 # timeout=10
Commit message: "Update deploy.sh"
> git rev-list --no-walk 63443b3ec3ec8cfbc7f9f1454a9893c9c1e3e1b3 # timeout=10
[Pipeline] }
[Pipeline] // stage
[Pipeline] withEnv
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Build and Push Docker Image)
[Pipeline] sh
+ chmod +x deploy.sh
[Pipeline] sh
+ ./deploy.sh
h1123
sh: 0: cannot open chmod +x build.sh: No such file
#0 building with "default" instance using docker driver

#1 [internal] load build definition from Dockerfile
#1 transferrine dockerfile: 276B 0.0s done
```

```
Dashboard > devops-image > #2

$ docker build -t devops-image .
hi123
sh: 0: cannot open chmod +x build.sh: No such file
#0 building with "default" instance using docker driver

#1 [internal] load build definition from Dockerfile
#1 transferring dockerfile: 276B 0.0s done
#1 DONE 0.1s

#2 [internal] load metadata for docker.io/library/nginx:latest
#2 DONE 0.0s

#3 [internal] load .dockerignore
#3 transferring context:
#3 transferring context: 2B done
#3 DONE 0.0s

#4 [1/2] FROM docker.io/library/nginx:latest
#4 CACHED

#5 [internal] load build context
#5 transferring context: 2.61MB 0.1s done
#5 DONE 0.1s

#6 [2/2] COPY build/ /usr/share/nginx/html
#6 DONE 0.1s
```

```
Dashboard > devops-image > #2

#6 [2/2] COPY build/ /usr/share/nginx/html
#6 DONE 0.1s

#7 exporting layers 0.1s done
#7 writing image sha256:b1dbbf7a6ef8260f623b7e11d6611b17466c49887ef17ae338ce7b2d2477f01 done
#7 naming to docker.io/library/test1 0.0s done
#7 DONE 0.1s
WARNING! Using --password via the CLI is insecure. Use --password-stdin.
Login Succeeded
Using default tag: latest
The push refers to repository [docker.io/swethar22cse/devops-image]
c973269ab870: Preparing
03d9365bc5dc: Preparing
d26dc06ef910: Preparing
aa82c57cd9fe: Preparing
d98dcc720ae0: Preparing
ad2f08e39a9d: Preparing
135f786ad046: Preparing
1287fbecd9cc: Preparing
ad2f08e39a9d: Waiting
135f786ad046: Waiting
1287fbecd9cc: Waiting
03d9365bc5dc: Mounted from swethar22cse/index.dev
d98dcc720ae0: Mounted from swethar22cse/index.dev
aa82c57cd9fe: Mounted from swethar22cse/index.dev
d26dc06ef910: Mounted from swethar22cse/index.dev
```

Dashboard > devops-image > #2

```
-----
135f786ad046: Preparing
1287fbecdfcc: Preparing
ad2f08e39a9d: Waiting
135f786ad046: Waiting
1287fbecdfcc: Waiting
03d9365bc5dc: Mounted from swethar22cse/index.dev
d98dcc720ae0: Mounted from swethar22cse/index.dev
aa82c57cd9fe: Mounted from swethar22cse/index.dev
d26dc06ef910: Mounted from swethar22cse/index.dev
c973269ab870: Pushed
ad2f08e39a9d: Mounted from swethar22cse/index.dev
135f786ad046: Mounted from swethar22cse/index.dev
1287fbecdfcc: Mounted from swethar22cse/index.dev
latest: digest: sha256:8cc5735cd06086e2a4aafc01a1c63dd3451fba4a864bd4c9e7732f49c8dacec3 size: 1988
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```

DECT API Image 2.403.3

```
Dashboard > devops-image > #2

135f786ad046: Preparing
1287fbecdfcc: Preparing
ad2f08e39a9d: Waiting
135f786ad046: Waiting
1287fbecdfcc: Waiting
03d9365bc5dc: Mounted from swethar22cse/index.dev
d98dcc720ae0: Mounted from swethar22cse/index.dev
aa82c57cd9fe: Mounted from swethar22cse/index.dev
d26dc06ef910: Mounted from swethar22cse/index.dev
c973269ab870: Pushed
ad2f08e39a9d: Mounted from swethar22cse/index.dev
135f786ad046: Mounted from swethar22cse/index.dev
1287fbecdfcc: Mounted from swethar22cse/index.dev
latest: digest: sha256:8cc5735cd06086e2a4aafc01a1c63dd3451fba4a864bd4c9e7732f49c8dacec3 size: 1988
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```

