

# Second Deployment pipeline script with a Build, Test, and Deployment stage

Click on New Item



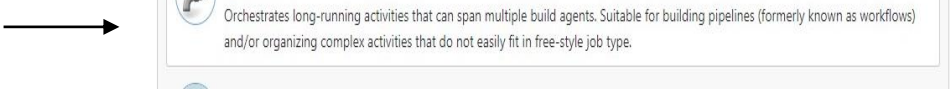
Enter Name

Enter an item name

Deploy\_02

» Required field

Click Pipeline



Click Ok

Enter a Description

Description

Pipeline script with a Build, Test, and Deployment stage

Select build periodically

Enter TZ=America/St\_Lucia ( time zone)

\*/10 \* \* \* \*

( Cron expression At every 10 minute)

☒ Build periodically

Schedule

TZ=America/St\_Lucia  
H/10 \* \* \* \*

Would last have run at Wednes

## ●Pipeline

Select Pipeline script from SCM

## ●SCM

Select GIT

## ●Repository URL

Enter the URL of git repository

## ●Credential

Select a Credential using the access token from

GitHub account

## ●Branch to build

Change master to main

Pipeline

Definition

Pipeline script from SCM

SCM

Git

Repositories

Repository URL

https://github.com/levyandrew16/DEPLOY02\_CRON\_JOB

Credentials

LASALCC/\*\*\*\*\* Add

Branches to build

Branch Specifier (blank for 'any')

\*/main

Add Branch

Repository browser

(Auto)

Additional Behaviours

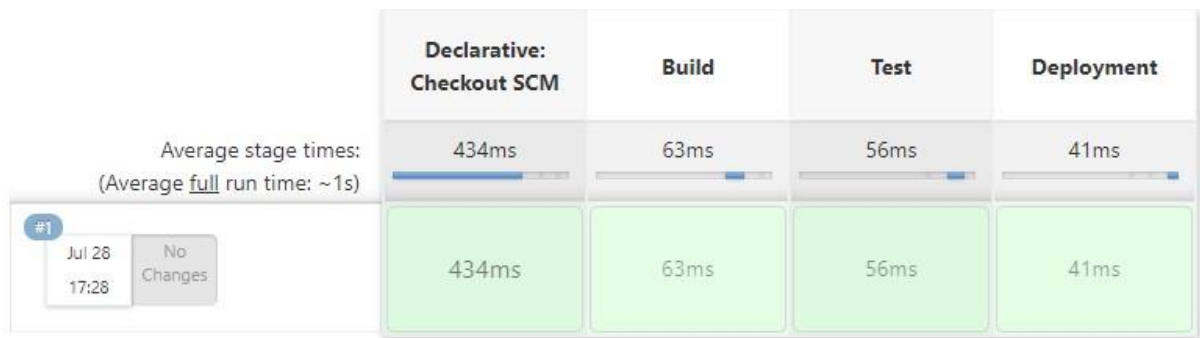
Add

Script Path

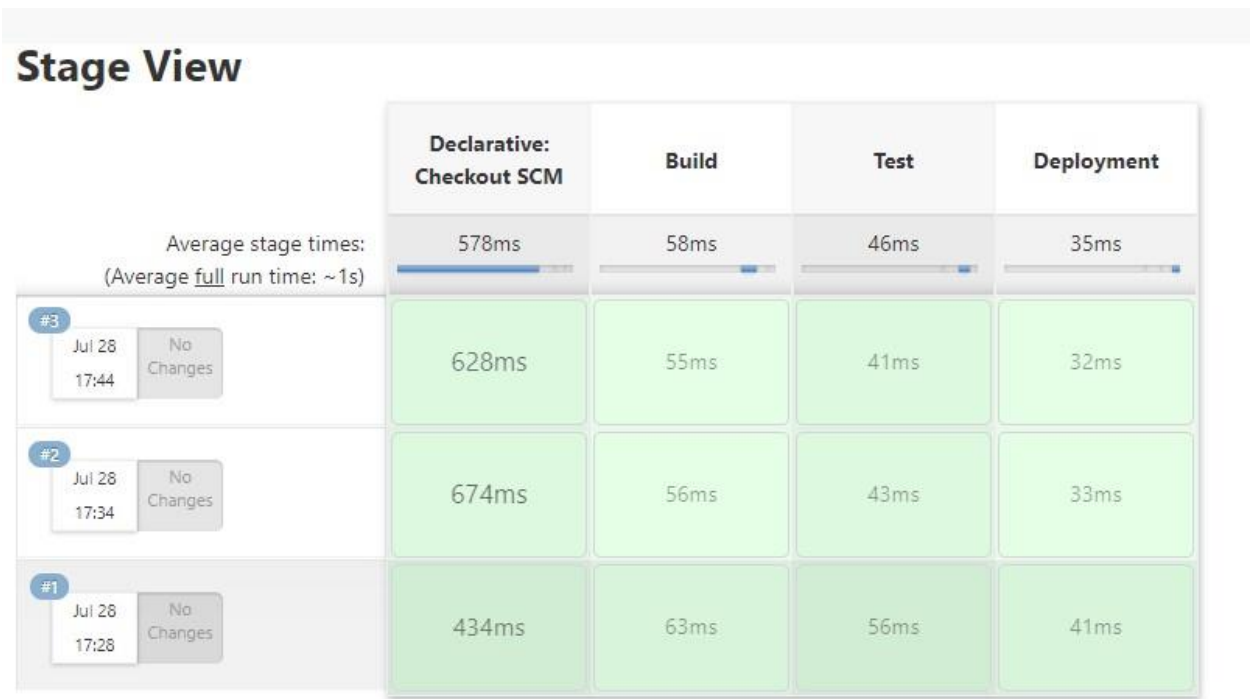
Jenkinsfile

# Screenshots of the pipeline with a Build, Test, and Deployment stage

First Build





10 Minutes interval



✔ Build #3 (Jul 28, 2021 9:44:00 PM)

✔ Build #2 (Jul 28, 2021 9:34:00 PM)

 Started by timer

 Revision: 1a55dff365e72567eca3a7ccb268b5a6013ffc08  
Repository: [https://github.com/levyandrew16/DEPLOY02\\_CRON\\_JOB](https://github.com/levyandrew16/DEPLOY02_CRON_JOB)

- refs/remotes/origin/main

 Started by timer

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- refs/remotes/origin/main

## Stopping the EC2 using bash script

Please make sure you have right the action “**ec2StopInstances**” in the IAM roles

- \$ **sudo su** – this to get root access
- \$ **nano /root/ec2instance\_stop.sh** – creating the stop instance bash script in the root folder
- Add the following lines in the stop script and save and exit using Ctrl+O and Ctrl+ x command.

```
#!/bin/bash
```

```
aws ec2 stop-instances --instance-ids i-03373ce1b1a0b6f98 --region us-east-2
```

- Make sure that the instance id is the ID of the EC2 instance and the region is the region of the EC2 instance. This command will shut down the EC2 instance.
- \$ **chmod 100 /root/ec2instance\_stop.sh** – This make the script executable
- \$ **crontab -e** – This is edit cron job in EC2
- press esc.
- press i (for "insert") to begin editing the file.
- paste the cron command in the file.

```
0 21 * * * sh /root/ec2instance_stop.sh > /tmp/ec2instance_stop.log
```

- press esc again to exit editing mode.
- type **:wq** to save and **exit** to quit