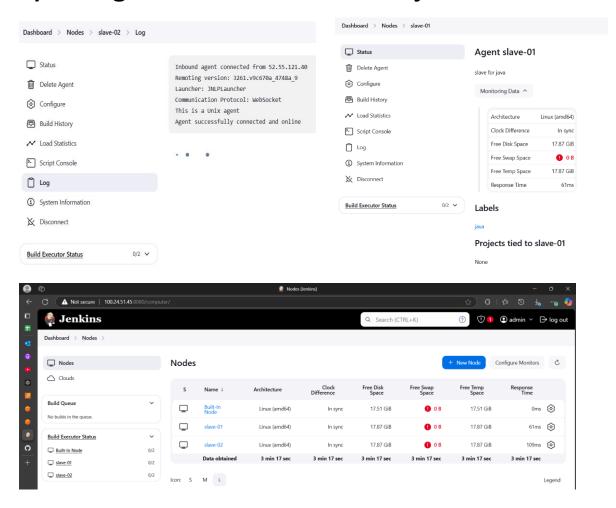
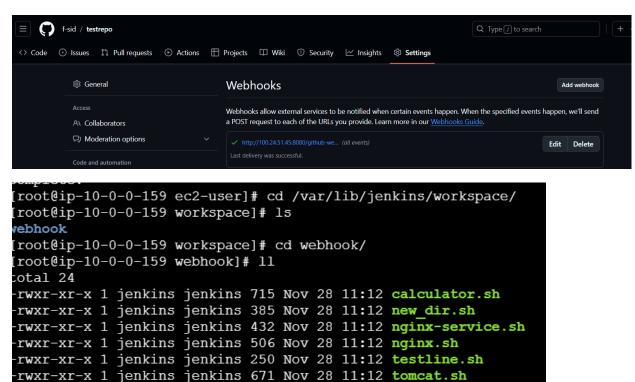
JENKINS TASK 02

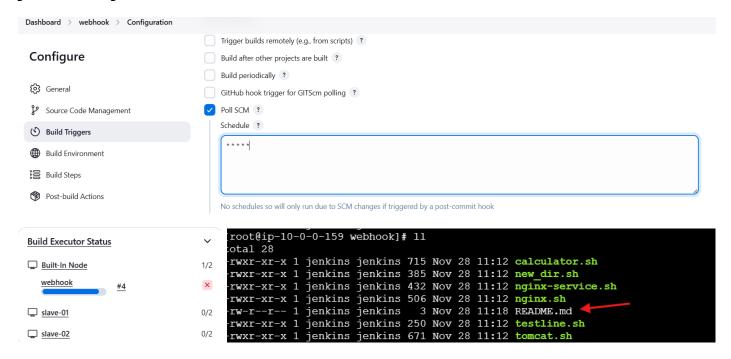
1) Configure 2 slave machines in jenkins master.



2) Configure webhooks to jenkins job.



3) Configure poll scm and build periodical options in jenkins job.



4) Take backup of jenkins server by using bash script.

```
#!/bin/bash

# Define the path to JENKINS_HOME and the backup directory

JENKINS_HOME="/var/lib/jenkins"

BACKUP_DIR="/var/lib/jenkins-backup"

BACKUP_NAME="jenkins-backup.tar"

# Create a backup directory if it doesn't exist

mkdir -p $BACKUP_DIR

# Create a timestamped archive of JENKINS_HOME

tar -cvf $BACKUP_DIR/$BACKUP_NAME $JENKINS_HOME

# Print a message indicating the backup is complete

echo "Backup completed: $BACKUP_DIR/$BACKUP_NAME"

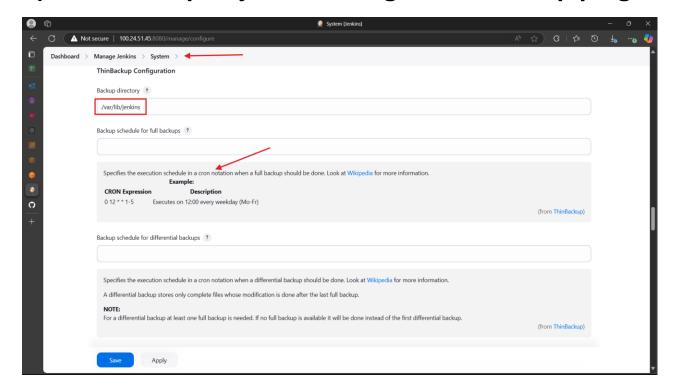
# Add a cron job to schedule the backup script

(crontab -l 2>/dev/null; echo "0 0 * * * /path/to/jenkins-backup.sh") | crontab - # Print a message indicating the cron job has been added

echo "Cron job added to run the backup script daily at midnight"
```

```
Backup completed: /var/lib/jenkins-backup/jenkins-backup.tar
Cron job added to run the backup script daily at midnight
[root@ip-10-0-0-159 ec2-user]# cd /var/lib/jenkins-backup
[root@ip-10-0-0-159 jenkins-backup]# 11
total 321112
-rw-r--r-- 1 root root 328816640 Nov 28 11:51 jenkins-backup.tar
[root@ip-10-0-0-159 jenkins-backup]#
```

5) Take backup of jenkins using rethin backup plugin.



>> RESTART JENKINS AFTER CONFIGURING THE TINBACKUP CONFIGURATIONS

2024-11-28 12:46

Restore next build number file (if tound in backup)

