



127.0.0.1:5000 x Linux x New Item - Jer x

localhost:8080/view/all/newJob

Dashboard > All > New Item

Enter an item name

task2

Select an item type

Freestyle project
Classic, general-purpose job type that checks out from up to one SCM, executes build steps serially, followed by post-build steps like archiving artifacts and sending email notifications.

Pipeline
Orchestrates long-running activities that can span multiple build agents. Suitable for building pipelines (formerly known as workflows) and/or organizing complex activities that do not easily fit in free-style job type.

Multi-configuration project
Suitable for projects that need a large number of different configurations, such as testing on multiple platforms.

OK



Jenkins

[Dashboard](#) > [Manage Jenkins](#) > [Credentials](#)

Trash

Credentials

T	P	Store ↓	Domain	ID	Name
		System	(global)	docker-hub-creds	Dhanushree1401/*****

Stores scoped to Jenkins

P	Store ↓	Domains
	System	(global)



root@Ubuntu: /home/vboxuser



```
vboxuser@Ubuntu:~$ pwd
/home/vboxuser
```

```
vboxuser@Ubuntu:~$ sudo mkdir -p /var/lib/jenkins/kec
[sudo] password for vboxuser:
vboxuser is not in the sudoers file. This incident will be reported.
```

```
vboxuser@Ubuntu:~$ su
```

```
Password:
```

```
Ubuntu Software ne/vboxuser# mkdir -p /root/kec
root@ubuntu:/home/vboxuser# mkdir -p /var/lib/jenkins/kec
root@Ubuntu:/home/vboxuser# pwd
/home/vboxuser
root@Ubuntu:/home/vboxuser# ^C
root@Ubuntu:/home/vboxuser#
```

Dashboard > task2 > Configuration

Definition

Pipeline script

Script ?

```
1 pipeline {
2   agent any
3
4   stages {
5     stage('Prepare Work Directory') {
6       steps {
7         script {
8           sh '''
9             sudo mkdir -p /root/kec
10            sudo mkdir -p /var/lib/jenkins/kec
11            sudo chown -R jenkins:jenkins /var/lib/jenkins/kec
12          '''
13        }
14      }
15    }
16
17    stage('Build & Push Docker Image') {
18      steps {
19        dir('/var/lib/jenkins/kec') { // Ensure Jenkins has access
20          script {
21            ch ...

```

Save

Apply

Dashboard > task2 > #9

```
[Pipeline] }  
[Pipeline] // stage  
[Pipeline] stage  
[Pipeline] { (Deploy Application)  
[Pipeline] script  
[Pipeline] {  
[Pipeline] sh  
+ echo Deploying Application...  
Deploying Application...  
[Pipeline] }  
[Pipeline] // script  
[Pipeline] }  
[Pipeline] // stage  
[Pipeline] }  
[Pipeline] // node  
[Pipeline] End of Pipeline  
Finished: SUCCESS
```