



Jenkins



Dashboard > All > New Item

New Item

Enter an item name

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

OK



Jenkins



Dashboard > task2 > Configuration

Config



General



Triggers



Pipeline



Advanced

+ New Item



Build History



Manage Jenkins



My Views

System Configuration



System



Tools



Plugins



Nodes



Clouds



Appearance

Security



Security



Credentials

General

Save

Apply

localhost:8080/manage/creden...

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

Credentials

T

P

Store ↓

Domain

ID

Name

Stores scoped to Jenkins

P

Store ↓

Domains



System

(global)

Icon:

S

M

L



Jenkins



Dashboard > Manage Jenkins > Credentials > System > Global credentials (unrestricted) >

Global credentials (unrestricted)

[+ Add Credentials](#)

Credentials that should be available irrespective of domain specification to requirements matching.

ID

Name

Kind

Description

This credential domain is empty. How about [adding some credentials?](#)

Icon:

S

M

L





root@Ubuntu: /home/vboxuser



vboxuser@Ubuntu:~\$ su

Password:

root@Ubuntu:/home/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#



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             sh '''
```


Save

Apply

Dashboard > task2 > #3



Console Output

 Download Copy

View as plain text

```
Started by user Gokul R
[Pipeline] Start of Pipeline
[Pipeline] node
Running on Jenkins in /var/lib/jenkins/workspace/task2
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Prepare Work Directory)
[Pipeline] script
[Pipeline] {
[Pipeline] sh
+ sudo mkdir -p /root/kec
+ sudo mkdir -p /var/lib/jenkins/kec
```