


# Backup


Go to Manage Jenkins





# Jenkins


Dashboard >


+ New Item

 Build History

 Project Relationship

 Check File Fingerprint

 **Manage Jenkins**

 My Views


Build Queue

▼

All+

| S | W | Name ↓   |
|---|---|--|
| ✓ | ☀ | <a href="#">gitdockkubflaskpipeline</a>          |
| ✓ | ☁ | <a href="#">testfreestyledockkubgitflaskproj</a> |
| ✓ | ☁ | <a href="#">testkubdockerpipeline</a>            |

Go to Plugins





# Jenkins


🔍 admin ▼ 🚪 log out


Dashboard > Manage Jenkins


+ New Item

 Build History

 Project Relationship

 Check File Fingerprint


 **Manage Jenkins**


 My Views


## Manage Jenkins

🔍 Search settings


System Configuration

 **System**  
Configure global settings and paths.

 **Tools**  
Configure tools, their locations and automatic installers.

 **Plugins**  
Add, remove, disable or enable plugins that can extend the functionality of Jenkins.


Go to Available Plugins





# Jenkins

Dashboard > Manage Jenkins > Plugins

📄 Updates

 **Available plugins**

 Installed plugins

 Advanced settings

## Plugins

🔍 Search plugin updates

| <input type="checkbox"/> | Name ↓  |
|--------------------------|---|
| <input type="checkbox"/> | <a href="#">Apache HttpComponents Client 5.x API</a> 5.5-150.veb_76e719855b_<br><a href="#">Library plugins</a> (for use by other plugins)<br>Bundles <a href="#">Apache HttpComponents Client 5.5</a> and allows it to be used by Jenkins plugins. |
| <input type="checkbox"/> | <a href="#">Pipeline Graph View</a> 538.v647ee88449dd<br><a href="#">pipeline</a> <a href="#">User Interface</a><br>Provides "Pipeline Graph" visualization of a pipeline job run.  |

# Check ThinBackup and click Install

Dashboard > Manage Jenkins > Plugins

Updates

Available plugins

Installed plugins

Advanced settings

Search backup

Install

| Install                             | Name ↓   | Released        |
|-------------------------------------|--|-----------------|
| <input type="checkbox"/>            | <div>Backup 1.6.1</div> <div>Miscellaneous</div> <div>Backup or restore your Hudson configuration files</div> <div>This plugin is up for adoption! We are looking for new maintainers. Visit our <a href="#">Adopt a Plugin</a> initiative for more information.</div> | 13 yr ago       |
| <input checked="" type="checkbox"/> | <div>ThinBackup 2.1.3</div> <div>Miscellaneous</div> <div>Backups the most important global and job specific configuration files.</div>  | 1 mo 8 days ago |
| <input type="checkbox"/>            | <div>Periodic Backup 2.0</div> <div>Backup or restore your Jenkins configuration files</div>   | 2 yr 2 mo ago   |
| <input type="checkbox"/>            | <div>Backup and interrupt job 17.va_b_50ca_9df8d0</div> <div>Back up and restore running jobs.</div> <div>This plugin is up for adoption! We are looking for new maintainers. Visit our <a href="#">Adopt a Plugin</a> initiative for more information.</div>          | 2 yr 5 mo ago   |

# Wait until Plugins installation completed

Dashboard > Manage Jenkins > Plugins

Updates

Available plugins

Installed plugins

Advanced settings

Download progress

Download progress

Preparation

- Checking internet connectivity
- Checking update center connectivity

ThinBackup PendingLoading plugin extensions Pending

Go back to the top page

(you can start using the installed plugins right away)

☐ Restart Jenkins when installation is complete and no jobs are running

Dashboard > Manage Jenkins > Plugins

Updates

Available plugins

Installed plugins

Advanced settings

Download progress

Download progress

Preparation

- Checking internet connectivity
- Checking update center connectivity
- Success

ThinBackup SuccessLoading plugin extensions Success

Go back to the top page

(you can start using the installed plugins right away)

☐ Restart Jenkins when installation is complete and no jobs are running

## Go to Manage Jenkins

Dashboard > Manage Jenkins

+ New Item

Build History

Project Relationship

Check File Fingerprint

Manage Jenkins

My Views

Build Queue

No builds in the queue.

Build Executor Status

(0 of 2 executors busy)

Cloud Statistics

### Manage Jenkins

Search settings

System Configuration

System

Configure global settings and paths.

Tools

Configure tools, their locations and automatic installers.

Plugins

Add, remove, disable or enable plugins that can extend the functionality of Jenkins.

Nodes

Add, remove, control and monitor the various nodes that Jenkins runs jobs on.

Docker

Plugin for launching build Agents as Docker containers

Clouds

Add, remove, and configure cloud instances to provision agents on-demand.

Appearance

Configure the look and feel of Jenkins

Security

Security

Secure Jenkins; define who is allowed to access/use the system.

Credentials

Configure credentials

Credential Providers

Configure the credential providers and types

Go to System and define Backup Directory and click Save button. For now we will not setup Backup schedule as we seldom use VM and not 24/7 and only backup on demand.

Dashboard > Manage Jenkins > System >

### ThinBackup Configuration

Backup directory ?

/mnt/jenkins/backup

Backup schedule for full backups ?

Backup schedule for differential backups ?

Max number of backup sets ?

-1

Files excluded from backup (regular expression) ?

☒ Wait until Jenkins is idle to perform a backup ?


Force Jenkins to quiet mode after specified minutes ?

120

Save


Apply


Go to Manage Jenkins


**Jenkins**


Dashboard >


+ New Item

 Build History

 Project Relationship

 Check File Fingerprint

 **Manage Jenkins**

 My Views


Build Queue

No builds in the queue.


Build Executor Status

(0 of 2 executors busy)

All +


| S   | W | Name ↓   | L |
|---|---|--|---|
| ✓   | ☀ | <a href="#">gitdockkubflaskpipeline</a>            | 1 |
| ✓   | ☁ | <a href="#">testfreestyledockkubgitflaskproj</a>   | 1 |
| ✓   | ☁ | <a href="#">testkubdockerpipeline</a>              | 2 |
| ✓   | ☀ | <a href="#">testkubfreestyleproject</a>            | 1 |
|  | ☀ | <a href="#">testmultibranchprojdockkubgitflask</a> | 4 |
| ✓   | ☀ | <a href="#">testmulticonfigprojdockkubflaskgit</a> | 1 |


Scroll Down and click ThinBackup


**Jenkins**


Dashboard > Manage Jenkins


+ New Item

 Build History

 Project Relationship

 Check File Fingerprint

 **Manage Jenkins**

 My Views


Build Queue


No builds in the queue.


Build Executor Status


(0 of 2 executors busy)


## Manage Jenkins

 **System**  
Configure global settings and paths.

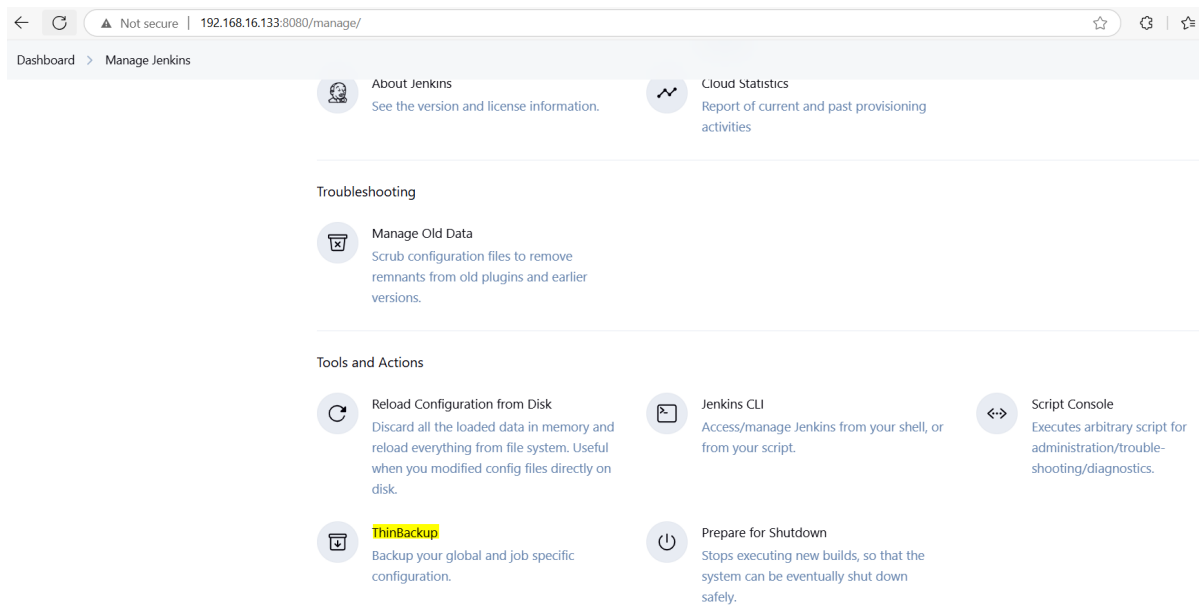
 **Tools**  
Configure tools, their locations and automatic installers.

 **Nodes**  
Add, remove, control and monitor the various nodes that Jenkins runs jobs on.

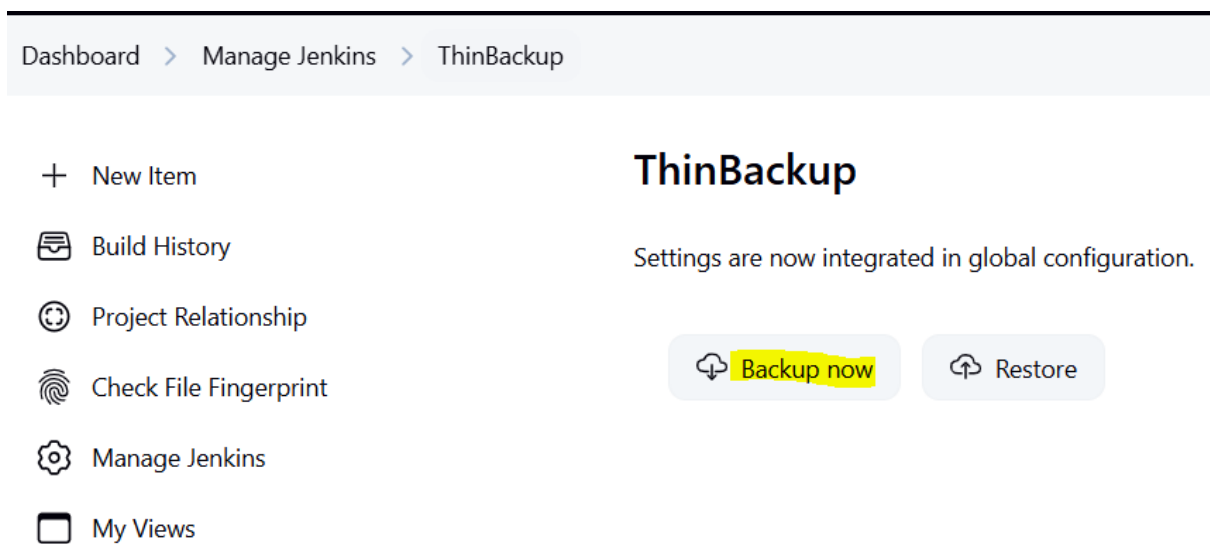
 **Docker**  
Plugin for launching build Agents as Docker containers

 **Appearance**  
Configure the look and feel of Jenkins





Then click Backup now. Backup will be completed immediately or only few seconds.



Check the Backup Directory to confirm that it was backed up.

```
[ronslim@ansibleec ~]$ ls /mnt/jenkins/backup
FULL-2025-05-25_18-01
[ronslim@ansibleec ~]$ |
```

```

[ronslim@ansiblec ~]$ cd /mnt/jenkins/backup
[ronslim@ansiblec backup]$ cd FULL-2025-05-25_18-01
[ronslim@ansiblec FULL-2025-05-25_18-01]$ ls -lrt
total 160
-rw-r--r-- 1 jenkins jenkins 171 May 22 21:09 jenkins.telemetry.Correlator.xml
-rw-r--r-- 1 jenkins jenkins 370 May 22 21:15 hudson.plugins.git.GitTool.xml
-rw-r--r-- 1 jenkins jenkins 1545 May 23 20:56 credentials.xml
drwxr-xr-x 5 jenkins jenkins 127 May 24 08:01 users
-rw-r--r-- 1 jenkins jenkins 504 May 24 09:13 org.jenkinsci.plugins.resourcedisposer.AsyncResourceDisposer.xml
-rw-r--r-- 1 jenkins jenkins 46 May 25 13:36 org.jenkinsci.plugins.workflow.flow.FlowExecutionList.xml
-rw-r--r-- 1 jenkins jenkins 156 May 25 17:01 hudson.model.UpdateCenter.xml
-rw-r--r-- 1 jenkins jenkins 1037 May 25 17:01 nodeMonitors.xml
-rw-r--r-- 1 jenkins jenkins 241 May 25 17:58 jenkins.model.GlobalComputerRetentionCheckIntervalConfiguration.xml
-rw-r--r-- 1 jenkins jenkins 265 May 25 17:58 jenkins.model.JenkinsLocationConfiguration.xml
-rw-r--r-- 1 jenkins jenkins 86 May 25 17:58 jenkins.security.ResourceDomainConfiguration.xml
-rw-r--r-- 1 jenkins jenkins 209 May 25 17:58 jenkins.metrics.api.MetricsAccessKey.xml
-rw-r--r-- 1 jenkins jenkins 170 May 25 17:58 org.jenkinsci.plugins.workflow.flow.GlobalDefaultFlowDurabilityLevel.xml
-rw-r--r-- 1 jenkins jenkins 273 May 25 17:58 com.cloudbees.hudson.plugins.folder.config.AbstractFolderConfiguration.xml
-rw-r--r-- 1 jenkins jenkins 238 May 25 17:58 hudson.plugins.build_timeout.global.GlobalTimeoutConfiguration.xml
-rw-r--r-- 1 jenkins jenkins 422 May 25 17:58 hudson.plugins.gradle.enriched.EnrichedSummaryConfig.xml
-rw-r--r-- 1 jenkins jenkins 633 May 25 17:58 hudson.plugins.gradle.injection.InjectionConfig.xml
-rw-r--r-- 1 jenkins jenkins 382 May 25 17:58 hudson.plugins.timestamp.TimestamperConfig.xml
-rw-r--r-- 1 jenkins jenkins 299 May 25 17:58 io.jenkins.plugins.junit.storage.JunitTestResultStorageConfiguration.xml
-rw-r--r-- 1 jenkins jenkins 277 May 25 17:58 jenkins.fingerprints.GlobalFingerprintConfiguration.xml
-rw-r--r-- 1 jenkins jenkins 159 May 25 17:58 jenkins.model.ArtifactManagerConfiguration.xml
-rw-r--r-- 1 jenkins jenkins 253 May 25 17:58 jenkins.model.GlobalBuildDiscarderConfiguration.xml
-rw-r--r-- 1 jenkins jenkins 179 May 25 17:58 jenkins.tasks.filters.EnvVarsFilterGlobalConfiguration.xml
-rw-r--r-- 1 jenkins jenkins 167 May 25 17:58 org.jenkinsci.plugins.displayurlapi.DefaultDisplayURLProviderGlobalConfiguration.xml
-rw-r--r-- 1 jenkins jenkins 300 May 25 17:58 org.jenkinsci.plugins.docker.workflow.declarative.GlobalConfig.xml
-rw-r--r-- 1 jenkins jenkins 135 May 25 17:58 github-plugin-configuration.xml
-rw-r--r-- 1 jenkins jenkins 291 May 25 17:58 org.jenkinsci.plugins.github_branch_source.GitHubConfiguration.xml
-rw-r--r-- 1 jenkins jenkins 228 May 25 17:58 org.jenkinsci.plugins.workflow.libs.GlobalLibraries.xml
-rw-r--r-- 1 jenkins jenkins 246 May 25 17:58 org.jenkinsci.plugins.workflow.libs.GlobalUntrustedLibraries.xml
-rw-r--r-- 1 jenkins jenkins 1088 May 25 17:58 org.jvnet.hudson.plugins.thinbackup.ThinBackupPluginImpl.xml
-rw-r--r-- 1 jenkins jenkins 250 May 25 17:58 hudson.plugins.build_timeout.operations.BuildStepOperation.xml
-rw-r--r-- 1 jenkins jenkins 629 May 25 17:58 hudson.plugins.git.GitSCM.xml
-rw-r--r-- 1 jenkins jenkins 76 May 25 17:58 hudson.tasks.Shell.xml
-rw-r--r-- 1 jenkins jenkins 1440 May 25 17:58 hudson.plugins.emailtext.ExtendedEmailPublisher.xml
-rw-r--r-- 1 jenkins jenkins 261 May 25 17:58 hudson.tasks.Mailer.xml
-rw-r--r-- 1 jenkins jenkins 216 May 25 17:58 hudson.triggers.SCMTrigger.xml
-rw-r--r-- 1 jenkins jenkins 2633 May 25 17:58 config.xml
drwxr-xr-x 8 jenkins jenkins 4096 May 25 18:01 jobs
-rw-r--r-- 1 jenkins jenkins 10814 May 25 18:01 installedPlugins.xml
-rw-r--r-- 1 jenkins jenkins 0 May 25 18:01 backup-completed.info
[ronslim@ansiblec FULL-2025-05-25_18-01]$

```

```

[ronslim@ansiblec FULL-2025-05-25_18-01]$ cd jobs
[ronslim@ansiblec jobs]$ ls -lrt
total 0
drwxr-xr-x 3 jenkins jenkins 38 May 25 18:01 testkubdockerpipeline
drwxr-xr-x 3 jenkins jenkins 38 May 25 18:01 gitdockkubflaskpipeline
drwxr-xr-x 3 jenkins jenkins 38 May 25 18:01 testfreestyledockkubgitflaskproj
drwxr-xr-x 3 jenkins jenkins 38 May 25 18:01 testkubfreestyleproject
drwxr-xr-x 4 jenkins jenkins 60 May 25 18:01 testmulticonfigprojdockkubflaskgit
drwxr-xr-x 4 jenkins jenkins 73 May 25 18:01 testmultibranchprojdockkubgitflask
[ronslim@ansiblec jobs]$ cd ..
[ronslim@ansiblec FULL-2025-05-25_18-01]$

```

# Restore

Click on one of the jobs

Dashboard >

+ New Item

Build History

Project Relationship

Check File Fingerprint

Manage Jenkins

My Views

Build Queue

No builds in the queue.

Build Executor Status

(0 of 2 executors busy)

Cloud Executor

All +

| S | W | Name ↓                             | Last Success     | Last Failure     | Last Duration  |
|---|---|------------------------------------|------------------|------------------|----------------|
| ✓ | ☀ | gitdockkubflaskpipeline            | 1 day 8 hr #9    | 1 day 21 hr #3   | 2 min 33 sec ▶ |
| ✓ | ☁ | testfreestyledockkubgitflaskproj   | 1 day 8 hr #9    | 1 day 9 hr #8    | 3 min 4 sec ▶  |
| ✓ | ☁ | testkubdockerpipeline              | 2 days 11 hr #14 | 2 days 11 hr #12 | 59 sec ▶       |
| ✓ | ☀ | testkubfreestyleproject            | 1 day 9 hr #2    | N/A              | 0.1 sec ▶      |
| 📄 | ☀ | testmultibranchprojdockkubgitflask | 4 hr 35 min log  | N/A              | 3.1 sec ▶      |
| ✓ | ☀ | testmulticonfigprojdockkubflaskgit | 17 hr #2         | N/A              | 3 min 29 sec ▶ |

Add description

Then click Delete Project and Confirm

Dashboard > testkubfreestyleproject >

Status

</> Changes

Workspace

▶ Build Now

⚙ Configure

🗑 Delete Project

✎ Rename

Builds

Filter

May 24, 2025

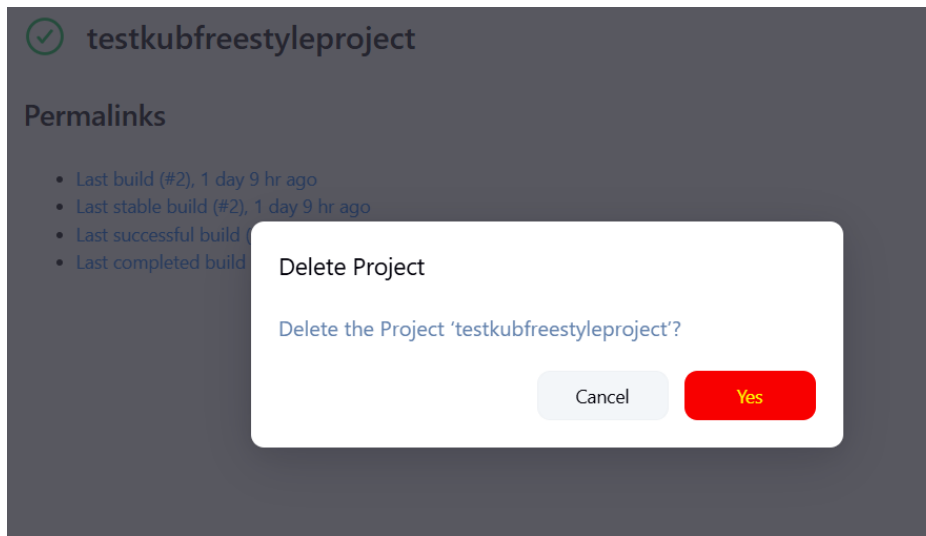
✓ #2 8:49 AM

✓ #1 8:48 AM

✓ testkubfreestyleproject

Permalinks

- Last build (#2), 1 day 9 hr ago
- Last stable build (#2), 1 day 9 hr ago
- Last successful build (#2), 1 day 9 hr ago
- Last completed build (#2), 1 day 9 hr ago



## Go to Manage Jenkins

The screenshot shows the Jenkins Dashboard. The 'Manage Jenkins' link is highlighted in the left sidebar. The main content area displays a table of builds.

| S | W | Name ↓                             | Last Success     | Last Failure     |
|---|---|------------------------------------|------------------|------------------|
| ✓ | ☀ | gitdockkubflaskpipeline            | 1 day 8 hr #9    | 1 day 21 hr #3   |
| ✓ | ☁ | testfreestyledockkubgitflaskproj   | 1 day 9 hr #9    | 1 day 9 hr #8    |
| ✓ | ☁ | testkubdockerpipeline              | 2 days 11 hr #14 | 2 days 11 hr #12 |
| 📄 | ☀ | testmultibranchprojdockkubgitflask | 4 hr 36 min log  | N/A              |
| ✓ | ☀ | testmulticonfigprojdockkubflaskgit | 17 hr #2         | N/A              |

Scroll down until you see ThinBackup then click ThinBackup

The screenshot shows the 'Manage Jenkins' settings page. The 'Plugins' section is highlighted with a red arrow, indicating the next step in the process.

Manage Jenkins

System Configuration

- System: Configure global settings and paths.
- Tools: Configure tools, their locations and automatic installers.
- Plugins: Add, remove, disable or enable plugins that can extend the functionality of Jenkins.
- Nodes: Add, remove, control and monitor the various nodes that Jenkins runs jobs on.
- Docker: Plugin for launching build Agents as Docker containers.
- Clouds: Add, remove, and configure cloud instances to provision agents on-demand.
- Appearance: Configure the look and feel of Jenkins.

Security

- Security: Secure Jenkins; define who is allowed to access/use the system.
- Credentials: Configure credentials.
- Credential Providers: Configure the credential providers and types.



Dashboard

Manage Jenkins

About Jenkins

See the version and license information.

Cloud Statistics

Report of current and past provisioning activities

Troubleshooting

Manage Old Data

Scrub configuration files to remove remnants from old plugins and earlier versions.

Tools and Actions

Reload Configuration from Disk

Discard all the loaded data in memory and reload everything from file system. Useful when you modified config files directly on disk.

Jenkins CLI

Access/manage Jenkins from your shell, from your script.

ThinBackup

Backup your global and job specific configuration.

Prepare for Shutdown

Stops executing new builds, so that the system can be eventually shut down safely.

Click Restore

Dashboard

Manage Jenkins

ThinBackup

+ New Item

Build History

Project Relationship

Check File Fingerprint

Manage Jenkins

My Views

ThinBackup

Settings are now integrated in global configuration.

Backup now

Restore

Choose a Backup Date to Restore to and then click Restore

Restore Configuration

Restore options

Restore backup from: ?

2025-05-25 18:01

☐ Restore next build number file (if found in backup) ?

☐ Restore plugins ?

Restore

## Restore Configuration

Restore options

Restore backup from: ?

2025-05-25 18:01


☒ Restore next build number file (if found in backup) ?

☐ Restore plugins ?

Restore


Note: Restore will not appear immediately and need jenkins restart. Then append safeRestart at the link to perform restart. Then click Restart button


← ↻ ⚠ Not secure | 192.168.16.133:8080/safeRestart ☆ ⚙


 **Jenkins** 🔍 👤 ad


Dashboard > Safe restart


+ New Item

 Build History

 Project Relationship

 Check File Fingerprint

 Manage Jenkins

 My Views

### Safe restart

Jenkins will try to pause jobs and restart once all running jobs are either finished or paused. (Pipeline builds may prevent Jenkins from restarting for a short period cases, but if so, they will be paused at the next available opportunity and then resumed after Jenkins restarts.)

Jenkins is restarting banner

This will be displayed on most Jenkins pages, you can use it to let users know what is happening. A default message will be added if you dont supply one.

Restart

Build Queue

Then after restart. Login page appear. Sign in to Jenkins.

## Sign in to Jenkins

Username

admin

Password

.....|

☐ Keep me signed in

Sign in

Notice that the job is restored successfully.

Dashboard >

+ New Item

Build History

Project Relationship

Check File Fingerprint

Manage Jenkins

My Views

Build Queue

No builds in the queue.

Build Executor Status

(0 of 2 executors busy)

Cloud Statistics

All +

| S | W | Name                               | Last Success     | Last Failure     | Last Duration  |
|---|---|------------------------------------|------------------|------------------|----------------|
| ✓ | ☀ | gitdockkubiflaskpipeline           | 1 day 9 hr #9    | 1 day 21 hr #3   | 2 min 33 sec ▶ |
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| ✓ | ☁ | testkubdockerpipeline              | 2 days 11 hr #14 | 2 days 11 hr #12 | 59 sec ▶       |
| ✓ | ☀ | testkubfreestyleproject            | 1 day 9 hr #2    | N/A              | 0.1 sec ▶      |
| 📄 | ☀ | testmultibranchprojdockkubgitflask | 4 hr 42 min log  | N/A              | 3.1 sec ▶      |
| ✓ | ☀ | testmulticonfigprojdockkubflaskgit | 17 hr #2         | N/A              | 3 min 29 sec ▶ |

Add description

Restored