

JENKINS ASSIGNMENT

Getting Started

Unlock Jenkins

To ensure Jenkins is securely set up by the administrator, a password has been written to the log (not sure where to find it?) and this file on the server:

C:\Users\Lenovo\.jenkins\secrets\initialAdminPassword

Please copy the password from either location and paste it below.

Administrator password


Continue






Getting Started

Getting Started


<div>🔍 Folders</div>	<div>🔍 OWASP Markup Formatter</div>	<div>🔍 Build Timeout</div>	<div>🔍 Credentials Binding</div>	<div>** Ionicons API</div>
<div>🔍 Timestamper</div>	<div>🔍 Workspace Cleanup</div>	<div>🔍 Ant</div>	<div>🔍 Gradle</div>	
<div>🔍 Pipeline</div>	<div>🔍 GitHub Branch Source</div>	<div>🔍 Pipeline: GitHub Groovy Libraries</div>	<div>🔍 Pipeline Graph View</div>	
<div>🔍 Git</div>	<div>🔍 SSH Build Agents</div>	<div>🔍 Matrix Authorization Strategy</div>	<div>🔍 PAM Authentication</div>	
<div>🔍 LDAP</div>	<div>🔍 Email Extension</div>	<div>🔍 Mailer</div>	<div>🔍 Dark Theme</div>	
				<div>** - required dependency</div>


Jenkins 2.504.2


**Jenkins**


 admin  log out


Dashboard >

 New Item


 Build History

 Manage Jenkins

 My Views

Build Queue 

No builds in the queue.


Build Executor Status  0/2

Add description


Welcome to Jenkins!


This page is where your Jenkins jobs will be displayed. To get started, you can set up distributed builds or start building a software project.


Start building your software project


Create a job 






Set up a distributed build

Set up an agent 

Configure a cloud 

Learn more about distributed builds 

**Jenkins**

 admin  log out


Dashboard > All > New Item


New Item


Enter an item name

MyFirstPipeline

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 environments, platform-specific builds, etc.

OK

Configure

General

Triggers

Pipeline

Advanced

Pipeline

Define your Pipeline using Groovy directly or pull it from source control.

Definition

Pipeline script

Script ?

```
23 }
24
25 post {
26     always {
27         echo 'Pipeline execution completed!'
28     }
29     success {
30         echo 'Pipeline completed successfully!'
31     }
32     failure {
33         echo 'Pipeline failed!'
34     }
35 }
```

try sample Pipeline...

Save

Apply

Status

Changes

Build Now

Configure

Delete Pipeline

Stages

Rename

Pipeline Syntax

MyFirstPipeline

Add description

Permalinks

Builds

No builds

Dashboard > MyFirstPipeline >

Status

</> Changes

▶ Build Now

⚙️ Configure

🗑️ Delete Pipeline

📄 Stages

✏️ Rename

🔍 Pipeline Syntax

Builds

*** 🔍

🔍 Filter

🔍

Today

🟢 #1 8:39 AM

▼

🟢 MyFirstPipeline

Add description

Permalinks

- [Last build \(#1\), 27 sec ago](#)
- [Last stable build \(#1\), 27 sec ago](#)
- [Last successful build \(#1\), 27 sec ago](#)
- [Last completed build \(#1\), 27 sec ago](#)

Jenkins

🔍 🔔 🔒 🔴 👤 admin ▼ 🚪 log out

Dashboard > MyFirstPipeline > #1

Status

</> Changes

📄 Console Output

📄 Edit Build Information

🗑️ Delete build '#1'

🕒 Timings

🔗 Pipeline Overview

🔄 Restart from Stage

🔄 Replay

📄 Pipeline Steps

📄 Workspaces

🟢 Console Output

📄 Download

📄 Copy

View as plain text

Started by user [admin](#)

[Pipeline] Start of Pipeline

[Pipeline] node

Running on [Jenkins](#) in C:\Users\Lenovo\.jenkins\workspace\MyFirstPipeline

[Pipeline] {

[Pipeline] stage

[Pipeline] { (Build)

[Pipeline] echo

Building the project...

[Pipeline] bat

C:\Users\Lenovo\.jenkins\workspace\MyFirstPipeline>echo Running build commands (e.g., mvn clean package)

Running build commands (e.g., mvn clean package)

[Pipeline] }

[Pipeline] // stage

[Pipeline] stage

[Pipeline] { (Test)

[Pipeline] echo

Running tests...

```
C:\Users\Lenovo\.jenkins\workspace\MyFirstPipeline>echo Running test commands (e.g., mvn test)
Running test commands (e.g., mvn test)
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Deploy)
[Pipeline] echo
Deploying the application...
[Pipeline] bat

C:\Users\Lenovo\.jenkins\workspace\MyFirstPipeline>echo Running deploy commands (e.g., deploy to server)
Running deploy commands (e.g., deploy to server)
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Declarative: Post Actions)
[Pipeline] echo
Pipeline execution completed!
[Pipeline] echo
Pipeline completed successfully!
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
```