

1

Use your own IP address of EC2 machine and add :8081 at the end to go to Jenkins



Welcome to Jenkins!

JohnDoe|

.....

Sign in

☐ Keep me signed in

Then, use your credentials and login to Jenkins

2

## Dashboard

New Item

People

Build History

Project Relationship

Check File Fingerprint

Manage Jenkins

My Views

Lockable Resources

New View

## Build Queue

No builds in the queue.

## Build Executor Status

1 Idle

2 Idle

All +

S

W

Name ↓

Last Success

Last Failure

Last Duration

Icon: S M L

Legend

Atom feed for all

Atom feed for failures

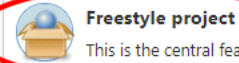
Atom feed for j

We need to create a new job  
Click "New Item"

### Enter an item name

» Required field

Write the project name **1**



#### Freestyle project

This is the central feature of Jenkins. Jenkins will build your project, combining any SCM with any build system, and this can be even used for something other than software build.

Select Freestyle project **2**



#### 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.



#### Folder

Creates a container that stores nested items in it. Useful for grouping things together. Unlike view, which is just a filter, a folder creates a separate namespace, so you can have multiple things of the same name as long as they are in different folders.



#### GitHub Organization

Scans a GitHub organization (or user account) for all repositories matching some defined markers.



#### Multibranch Pipeline

Creates a set of Pipeline projects according to detected branches in one SCM repository.

If you want to create a new item from other existing, you can use this option:



Copy from

Click "Ok" **3**

OK

## General

Source Code Management

Build Triggers

Build Environment

Build

Post-build Actions

## Description

[Plain text] [Preview](#)

- ☐ Discard old builds
- ☐ GitHub project
- ☐ This build requires lockable resources
- ☐ This project is parameterized
- ☐ Throttle builds
- ☐ Disable this project
- ☐ Execute concurrent builds if necessary

?

?

?

?

?

Advanced...

## Source Code Management

- ☒ None
- ☐ Git

?

## Build Triggers

- ☐ Trigger builds remotely (e.g., from scripts)
- ☐ Build after other projects are built
- ☐ Build periodically
- ☐ GitHub hook trigger for GITScm polling
- ☐ Poll SCM

?

?

?

?

?

## Build Environment

- ☐ Delete workspace before build starts
- ☐ Use secret text(s) or file(s)

?

☐ Abort the build if it's stuck

Save

Apply

Output

☐ Inspect build log for published Gradle build scans

Click "Git"

General

Source Code Management

Build Triggers

Build Environment

Build

Post-build Actions

- ☐ This build requires lockable resources
- ☐ This project is parameterized
- ☐ Throttle builds
- ☐ Disable this project
- ☐ Execute concurrent builds if necessary



Advanced...

Paste the URL of the project.

Since it's a public project, no need to credentials

Source Code Management

☐ None

☒ Git

Repositories



Repository URL



https://github.com/John-Doe-The-Tester/smoke-test-johndoe.git

Credentials



- none -

Add

Advanced...

Add Repository

Branches to build



Branch Specifier (blank for 'any')



\*/master

Add Branch

Repository browser



(Auto)

Additional Behaviours

Save

Apply

Repository browser

(Auto)

Additional Behaviours

Add ▾

Build Triggers

- ☐ Trigger builds remotely (e.g., from scripts) ?
- ☐ Build after other projects are built ?
- ☐ **Build periodically** ?
- ☐ GitHub hook trigger for GITScm polling ?
- ☐ Poll SCM ?

Build Environment

- ☐ Delete workspace before build starts
- ☐ Use secret text(s) or file(s) ?
- ☐ Abort the build if it's stuck
- ☐ Add timestamps to the Console Output
- ☐ Inspect build log for published Gradle build scans
- ☐ With Ant ?

Build

Add build step ▾

Post-build Actions

Add post-build action ▾

Save

Apply

Click "Build Periodically"

## Repository browser ?

(Auto) ▼

## Additional Behaviours

Add ▼

## Build Triggers

- ☐ Trigger builds remotely (e.g., from scripts) ?
- ☐ Build after other projects are built ?
- ☒ Build periodically ?

## Schedule ?

H \* \* \* \*

That means run every hour. We can change it in the way as we want.  
For example H 7 \* \* \* means run every day at 7 o'clock  
Or H/10 \* \* \* means run every ten minutes etc

Would last have run at Saturday, August 14, 2021 at 10:59:48 AM Coordinated Universal Time; would next run at Saturday, August 14, 2021 at 11:59:48 AM Coordinated Universal Time.

- ☐ GitHub hook trigger for GITScm polling ?
- ☐ Poll SCM ?

## Build Environment

- ☐ Delete workspace before build starts ?
- ☐ Use secret text(s) or file(s) ?
- ☐ Abort the build if it's stuck
- ☐ Add timestamps to the Console Output
- ☐ Inspect build log for published Gradle build scans
- ☐ With Ant ?

Save

Apply

### Schedule

H \* \* \* \*

Would last have run at Saturday, August 14, 2021 at 10:59:47 AM Coordinated Universal Time; would next run at Saturday, August 14, 2021 at 11:59:47 AM Coordinated Universal Time.

- ☐ GitHub hook trigger for GITScm polling
- ☐ Poll SCM

### Build Environment

- ☐ Delete workspace before build starts
- ☐ Use secret text(s) or file(s)
- ☐ Abort the build if it's stuck
- ☐ Add timestamps to the Console Output
- ☐ Inspect build log for published Gradle build scans
- ☐ With Ant

### Build

Add build step ▾

### Post-build Actions

Add post-build action ▾

Save

Apply

Click on "Build"



### Schedule

H \* \* \* \*

Would last have run at Saturday, August 14, 2021 at 10:59:47 AM Coordinated Universal Time; would next run at Saturday, August 14, 2021 at 11:59:47 AM Coordinated Universal Time.

- ☐ GitHub hook trigger for GITScm polling
- ☐ Poll SCM

### Build Environment

- ☐ Delete workspace before build starts
- ☐ Use secret text(s) or file(s)
- ☐ Abort the build if it's stuck
- ☐ Add timestamps to the Console Output
- ☐ Inspect build log for published Gradle build scans
- ☐ With Ant

### Build

Add build step ^

- Execute Windows batch command
- Execute shell
- Invoke Ant
- Invoke Gradle script
- Invoke top-level Maven targets**
- Run with timeout
- Set build status to "pending" on GitHub commit

Select "Invoke top-level Maven targets"

- ☐ GitHub hook trigger for GITScm polling ?
- ☐ Poll SCM ?

### Build Environment

- ☐ Delete workspace before build starts
- ☐ Use secret text(s) or file(s) ?
- ☐ Abort the build if it's stuck
- ☐ Add timestamps to the Console Output
- ☐ Inspect build log for published Gradle build scans
- ☐ With Ant ?

### Build

#### Invoke top-level Maven targets

Maven Version

(Default) ▼

Goals

test

Type "test" here

Advanced...

Add build step ▼

### Post-build Actions

Add post-build action ▼

Save

Apply

### Build Environment

- ☐ Delete workspace before build starts
- ☐ Use secret text(s) or file(s)
- ☐ Abort the build if it's stuck
- ☐ Add timestamps to the Console Output
- ☐ Inspect build log for published Gradle build scans
- ☐ With Ant



### Build

#### Invoke top-level Maven targets



Maven Version

(Default)

Goals

test



Advanced...

Add build step ▾

### Post-build Actions

Add post-build action ▾

Save

Apply

Click "Post-build Actions"

### Build Environment

- ☐ Delete workspace before build starts
- ☐ Use secret text(s) or file(s)
- ☐ Abort the build if it's stuck
- ☐ Add timestamps to the Console Output
- ☐ Inspect build log for published Gradle build scans
- ☐ With Ant



Select "Cucumber reports"

### Build

Aggregate downstream test results

Archive the artifacts

Build other projects

Cucumber reports

Publish JUnit test result report

Record fingerprints of files to track usage

Git Publisher

E-mail Notification

Editable Email Notification

Editable Email Notification Templates

Set GitHub commit status (universal)

Set build status on GitHub commit [deprecated]

Delete workspace when build is done

Add post-build action ^



Advanced...

Save

Apply

### Build Environment

- ☐ Delete workspace before build starts
- ☐ Use secret text(s) or file(s)
- ☐ Abort the build if it's stuck
- ☐ Add timestamps to the Console Output
- ☐ Inspect build log for published Gradle build scans
- ☐ With Ant



### Build

#### Invoke top-level Maven targets



Maven Version

(Default)

Goals

test



Advanced...

Add build step ▾

### Post-build Actions

Add post-build action ▾

Save

Apply

Click "Save" button

## Build Environment

- ☐ Delete workspace before build starts
- ☐ Use secret text(s) or file(s)
- ☐ Abort the build if it's stuck
- ☐ Add timestamps to the Console Output
- ☐ Inspect build log for published Gradle build scans
- ☐ With Ant

## Build

## Invoke top-level Maven targets

- Aggregate downstream test results
- Archive the artifacts
- Build other projects
- Publish JUnit test result report
- Record fingerprints of files to track usage
- Git Publisher
- E-mail Notification
- Editable Email Notification
- Editable Email Notification Templates
- Set GitHub commit status (universal)
- Set build status on GitHub commit [deprecated]
- Delete workspace when build is done

Add post-build action ^

Save

Apply

If you don't see "Cucumber report" in the list,  
then we need to install "Cucumber report" plugin

### Build Environment

- ☐ Delete workspace before build starts
- ☐ Use secret text(s) or file(s)
- ☐ Abort the build if it's stuck
- ☐ Add timestamps to the Console Output
- ☐ Inspect build log for published Gradle build scans
- ☐ With Ant



To install the cucumber report plugin, go to Dashboard

### Build

#### Invoke top-level Maven targets



Maven Version

(Default)



Goals

test



Advanced...

Add build step ▾

### Post-build Actions

Add post-build action ▾

Save

Apply

## Dashboard

- New Item
- People
- Build History
- Project Relationship
- Check File Fingerprint
- Manage Jenkins**
- My Views
- Lockable Resources
- New View

## Build Queue

No builds in the queue.

## Build Executor Status

1 Idle

2 Idle

All +

S

W

Name ↓

Last Success

Last Failure

Last Duration

[smoke-test-johndoe](#)

12 min - #5

N/A

57 sec



Icon: S M L

Legend

Atom feed for all

Atom feed for failures

Atom feed for just latest builds

Click Manage Jenkins



## Manage Jenkins

You have data stored in an older format and/or unreadable data.

[Manage](#)[Dis](#)

Building on the controller node can be a security issue. You should set up distributed builds. See [the documentation](#).

[Set up agent](#)[Set up cloud](#)[Dis](#)

Warnings have been published for the following currently installed components:

[Go to plugin manager](#)[Configure which of these warnings are sh](#)

[Credentials Plugin 2.3.15:](#)  
[Reflected XSS vulnerability](#)

Restore the previous version of Jenkins

[Downgrade to 2.2](#)

Click Manage Plugins

## System Configuration



### Configure System

Configure global settings and paths.



### Global Tool Configuration

Configure tools, their locations and automatic installers.



### Manage Plugins

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

🔴 There are updates available



### Manage Nodes and Clouds

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

## Security



### Configure Global Security

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



### Manage Credentials

Configure credentials



### Configure Credential Providers

Configure the credential providers and types



### Manage Users

Create/delete/modify users that can log this Jenkins



### In-process Script Approval

Allows a Jenkins administrator to review proposed scripts (written e.g. in Groovy) which run inside the Jenkins process and so could bypass security restrictions.

 [Back to Dashboard](#)
 [Manage Jenkins](#)


Go to available


[Updates](#) **[Available](#)** [Installed](#) [Advanced](#)

Install	Name ↓	Version	Released	Installed
<input type="checkbox"/>	<b>Bootstrap 4 API</b> <a href="#">api-plugin</a> Provides Bootstrap 4 for Jenkins plugins.	4.6.0-3	4 mo 11 days ago	4.6.0-2
<input type="checkbox"/>	<b>bouncycastle API</b> <a href="#">api-plugin</a> <a href="#">Library plugins (for use by other plugins)</a> This plugin provides a stable API to Bouncy Castle related tasks.	2.22	1 day 4 hr ago	2.20
<input type="checkbox"/>	<b>Branch API</b> <a href="#">api-plugin</a> This plugin provides an API for multiple branch based projects.	2.6.5	1 mo 1 day ago	2.6.3
<input type="checkbox"/>	<b>Checks API</b> <a href="#">api-plugin</a> <a href="#">Build Notifiers</a> <a href="#">Other Post-Build Actions</a> <a href="#">Build Reports</a> This plugin defines an API for Jenkins to publish checks to SCM platforms.	1.7.2	27 days ago	1.6.1
<input type="checkbox"/>	<b>Command Agent Launcher</b> <a href="#">agent</a> Allows agents to be launched using a specified command.	1.6	3 mo 9 days ago	1.5
<input type="checkbox"/>	<b>Credentials</b> <a href="#">api-plugin</a> This plugin allows you to store credentials in Jenkins. Applying this update will address security vulnerabilities in the currently installed version.	2.5	2 mo 12 days ago	2.3.15

[Download now and install after restart](#)

Update information obtained: 19 hr ago

[Check now](#)

cucumber

Type cucumber in the search box and select Cucumber reports below

Updates

Available

Installed

Advanced

Install ↑

Name

Version

Released

☐

Cucumber reports

Build Reports

Provides pretty html reports for Cucumber. Can be used anywhere a json report is generated (Java, Ruby, JavaScript and other implementations).

5.5.0

6 mo 11 days ago

☐

Cucumber json test reporting

This plugin understands cucumber json files and converts them to Jenkins TestCase so they can be seen in the standard test reports.

**This plugin is up for adoption!** We are looking for new maintainers. Visit our [Adopt a Plugin](#) initiative for more information.

0.10.1

3 yr 6 mo ago

☐

Cucumber

run cucumber tests under jenkins CI

0.0.2

8 yr 5 mo ago

☐

Cucumber Trend Reports

A jenkins plugin that generates trending report and statistics for a Cucumber project

1.3

5 yr 0 mo ago

☐

cucumber-perf

Build Reports

This plugin collects and displays information on the performance of Cucumber tests, particularly duration of each test step.

2.0.9

4 yr 8 mo ago

☐

cucumber-slack-notifier

Build Notifiers

slack

This plugins posts summarised Cucumber report information to Slack

**This plugin is up for adoption!** We are looking for new maintainers. Visit our [Adopt a Plugin](#) initiative for more information.

0.8.3

5 yr 0 mo ago

☐

Cucumber Living Documentation

This plugin uses Cucumber tests [test output](#) to enable true RND living documentation into your Jenkins build. For more information [see here](#)

3.2

6 mo 1 day ago

Install without restart

Download now and install after restart

Update information obtained: 19 hr ago

Check now

[Back to Dashboard](#)[Manage Jenkins](#)[Update Center](#)

cucumber

Updates

Available

Installed

Advanced

Install ↑

Name

Version

Released



Cucumber

run cucumber tests under jenkins CI

0.0.2

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This plugin collects and displays information on the performance of Cucumber tests, particularly duration of each test step.

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4 yr 8 mo ago

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0.8.3

5 yr 0 mo ago



Cucumber Living Documentation

This plugin uses Cucumber tests json output to enable true RDD living documentation into your Jenkins build. For more information [see here](#)

3.2

6 mo 1 day ago


Install without restart

Download now and install after restart

Update information obtained: 15 min ago

Check now

Select the checkbox and click  
download now and install after restart


 Back to Dashboard Manage Jenkins Manage Plugins

## Installing Plugins/Upgrades


### Preparation

- Checking internet connectivity
- Checking update center connectivity
- Success


WMI Windows Agents

 Downloaded Successfully. Will be activated during the next boot


ruby-runtime

 Downloaded Successfully. Will be activated during the next boot


External Monitor Job Type

 Downloaded Successfully. Will be activated during the next boot

Cucumber

 Downloaded Successfully. Will be activated during the next boot [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

It says download was successfull

Click on the check box



**Please wait while Jenkins is restarting ...**

Your browser will reload automatically when Jenkins is ready.

**Jenkins is restarting**



Welcome to Jenkins!

JohnDoe










.....

Sign in

☐ Keep me signed in

Login again

## Dashboard

-  New Item
-  People
-  Build History
-  Project Relationship
-  Check File Fingerprint
-  Manage Jenkins
-  My Views
-  Lockable Resources
-  New View

## Build Queue









No builds in the queue.

## Build Executor Status

1 Idle


2 Idle


 add description


All +	S	W	Name ↓	Last Success	Last Failure	Last Duration	
			smoke-test-johndoe	8 min 49 sec - #6	N/A	1 min 0 sec	
			smoke-test-johndoe	8 min 49 sec - #6	N/A	1 min 0 sec	

Icon: S M L

Legend

 Atom feed for all







 Atom feed for failures

 Atom feed for just latest builds

Click on the job








Dashboard &gt; smoke-test-johndoe &gt;

 Back to Dashboard Status Changes Workspace Build Now **Configure** Delete Project Rename Build History

trend ^

find x

 #6 Aug 14, 2021, 3:59 PM #5 Aug 14, 2021, 3:46 PM #4 Aug 14, 2021, 2:59 PM #3 Aug 14, 2021, 1:59 PM #2 Aug 14, 2021, 1:02 PM #1 Aug 14, 2021, 1:01 PM Atom feed for all  Atom feed for failures

## Project smoke-test-johndoe

 Workspace Recent Changes add description

Disable Project

### Permalinks

- Last build (#6), 9 min 38 sec ago
- Last stable build (#6), 9 min 38 sec ago
- Last successful build (#6), 9 min 38 sec ago
- Last unsuccessful build (#1), 3 hr 7 min ago
- Last completed build (#6), 9 min 38 sec ago

Go to configure

## Build Environment

- ☐ Delete workspace before build starts
- ☐ Use secret text(s) or file(s) ?
- ☐ Abort the build if it's stuck
- ☐ Add timestamps to the Console Output
- ☐ Inspect build log for published Gradle build scans
- ☐ With Ant ?

## Build

Aggregate downstream test results

Archive the artifacts

Build other projects ▼

**Cucumber reports**

Publish JUnit test result report

Record fingerprints of files to track usage

Git Publisher ▼

E-mail Notification

Editable Email Notification

Editable Email Notification Templates

Set GitHub commit status (universal)

Set build status on GitHub commit [deprecated]

Delete workspace when build is done

Advanced...

Add post-build action ^

Save

Apply

Now cucumber reports is available again

Select it and click save button

Back to Dashboard

Status

Changes

Workspace

Build Now

Configure

Delete Project

Rename

Build History

trend ^

find x

Atom feed for all Atom feed for failures

## Project smoke-test-johndoe

Our smoke test will run based on our schedule.  
But we can also run it right away.

add description

Disable Project

Workspace

Recent Changes

Click Build Now

## Permalinks

Dashboard > smoke-test-johndoe >

Back to Dashboard

Status

Changes

Workspace

Build Now

Configure

Delete Project

Rename

Build History

trend ^

find

#8 Aug 14, 2021, 4:53 PM

Changes

Console Output

Edit Build Information

Delete build '#8'

Git Build Data

Cucumber reports

## Project smoke-test-johndoe

Workspace

Recent Changes

## Permalinks

add description

Disable Project

After run, click the arrow

Select Cucumber reports to see

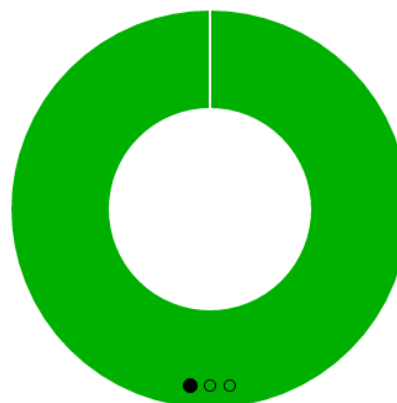
Project	Number	Date
smoke-test-johndoe	8	14 Aug 2021, 16:54

And this is our cucumber report

## Features Statistics

The following graphs show passing and failing statistics for features

Features



Feature	Steps						Scenarios			Features	
	Passed	Failed	Skipped	Pending	Undefined	Total	Passed	Failed	Total	Duration	Status
Navigation Menu	4	0	0	0	0	4	1	0	1	6.736	Passed
Users should be able to login	3	0	0	0	0	3	1	0	1	11.185	Passed
	7	0	0	0	0	7	2	0	2	17.922	2
	100.00%	0.00%	0.00%	0.00%	0.00%		100.00%	0.00%			100.00%