

# Jenkins assignment no 6

Create job in which build and deploy war file on slave machine

Instances | EC2 | ap-south-1

Nodes - Jenkins

JSP Example

Not secure 13.126.131.210:8080/jenkins/computer/

Jenkins

admin log out

Dashboard > Nodes >

Nodes

Clouds

Build Queue

No builds in the queue.

Build Executor Status

Built-in Node 0/2

slave1 0/2

Nodes

New Node

Configure Monitors

S	Name	Architecture	Clock Difference	Free Disk Space	Free Swap Space	Free Temp Space	Response Time
	Built-In Node	Linux (amd64)	In sync	5.44 GiB	0 B	5.44 GiB	0ms
	slave1	Linux (amd64)	In sync	5.42 GiB	0 B	5.42 GiB	41ms
Data obtained		46 sec	46 sec	46 sec	46 sec	46 sec	46 sec

Icons: S M L

Legend

REST API

Jenkins 2.504.1

30°C Partly sunny

Search

ENG IN

02:54 PM 08-05-2023

The screenshot displays the Jenkins web interface for configuring a slave node. The browser's address bar shows the URL `13.126.131.210:8080/jenkins/computer/slave1/configure`. The Jenkins header includes the logo, a search icon, and the user 'admin' with a 'log out' link. The breadcrumb navigation is 'Dashboard > Nodes > slave1 > Configure'.

On the left, a sidebar lists various actions: Status, Delete Agent, Configure (highlighted), Build History, Load Statistics, Script Console, Log, System Information, and Disconnect. Below this is a 'Build Executor Status' section showing '0/2'.

The main configuration area contains the following fields:

- Name**: A text input field containing 'slave1'.
- Description**: A large text area that is currently empty.
- Number of executors**: A text input field containing '2'.
- Remote root directory**: A text input field containing '/home/ec2-user/jenkins-home'.

At the bottom of the configuration area, there are 'Save' and 'Apply' buttons. The system status bar at the very bottom shows a temperature of 30°C, the time as 02:53 PM on 08-05-2023, and system icons for network and power.





Instances | EC2 | ap-south-1 x build-and-deploy-war Config - x JSP Example x +

← → ↻ Not secure 13.126.131.210:8080/jenkins/job/build-and-deploy-war/configure ☆ 📄 🔔

Dashboard > build-and-deploy-war > Configuration

### Configure

- General
- Source Code Management
- Triggers
- Environment
- Build Steps**
- Post-build Actions

#### Build Steps

Automate your build process with ordered tasks like code compilation, testing, and deployment.

##### Invoke top-level Maven targets ?

Maven Version

maven

Goals

clean install

Advanced ▾

##### Execute shell ?

Command

[See the list of available environment variables](#)

```
sudo cp /home/ec2-user/jenkins-home/workspace/build-and-deploy-war/target/LoginWebApp.war /root/server/apache-tomcat-10.1.4
```

Save Apply

Instances | EC2 | ap-south-1 x build-and-deploy-war - Jenkins x JSP Example x +

← → ↻ Not secure 13.126.131.210:8080/jenkins/job/build-and-deploy-war/ ☆ 📄 🔔

## Jenkins

Dashboard > build-and-deploy-war >

admin log out

### Status

</> Changes

Workspace

Build Now

Configure

Delete Project

Git Polling Log

Rename

### build-and-deploy-war

Add description

#### Permalinks

- Last build (#33), 18 min ago
- Last stable build (#33), 18 min ago
- Last successful build (#33), 18 min ago
- Last failed build (#32), 19 min ago
- Last unsuccessful build (#32), 19 min ago
- Last completed build (#33), 18 min ago

### Builds

Filter

Today

- #34 9:07 AM
- #33 8:48 AM

13.126.131.210:8080/jenkins/job/build-and-deploy-war/build?delay=0sec REST API Jenkins 2.504.1

Instances | EC2 | ap-south-1 x build-and-deploy-war #33 Console JSP Example

← → ↻ Not secure 13.126.131.210:8080/jenkins/job/build-and-deploy-war/33/console

Dashboard > build-and-deploy-war > #33 > Console Output

```
[INFO] --- surefire:3.2.5:test (default-test) @ LoginWebApp ---
[INFO] No tests to run.
[INFO] --- war:3.4.0:war (default-war) @ LoginWebApp ---
[INFO] Packaging webapp
[INFO] Assembling webapp [LoginWebApp] in [/home/ec2-user/jenkins-home/workspace/build-and-deploy-war/target/LoginWebApp]
[INFO] Processing war project
[INFO] Copying webapp resources [/home/ec2-user/jenkins-home/workspace/build-and-deploy-war/src/main/webapp]
[INFO] Building war: /home/ec2-user/jenkins-home/workspace/build-and-deploy-war/target/LoginWebApp.war
[INFO] --- install:3.1.2:install (default-install) @ LoginWebApp ---
[INFO] Installing /home/ec2-user/jenkins-home/workspace/build-and-deploy-war/pom.xml to /home/ec2-user/.m2/repository/com/javawebtutor/LoginWebApp/1.0-SNAPSHOT/LoginWebApp-1.0-SNAPSHOT.pom
[INFO] Installing /home/ec2-user/jenkins-home/workspace/build-and-deploy-war/target/LoginWebApp.war to /home/ec2-user/.m2/repository/com/javawebtutor/LoginWebApp/1.0-SNAPSHOT/LoginWebApp-1.0-SNAPSHOT.war
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 3.621 s
[INFO] Finished at: 2025-05-08T08:48:55Z
[INFO] -----
[build-and-deploy-war] $ /bin/sh -xe /tmp/jenkins14356106987618177791.sh
+ sudo cp /home/ec2-user/jenkins-home/workspace/build-and-deploy-war/target/LoginWebApp.war /root/server/apache-tomcat-10.1.40/webapps
Finished: SUCCESS
```

REST API Jenkins 2.504.1

30°C Partly sunny Search 02:36 PM 08-05-2025

Instances | EC2 | ap-south-1 x build-and-deploy-war #33 Console JSP Example

← → ↻ Not secure 15.206.128.159:8080/LoginWebApp/

Username

Password

Login Reset

New User [Register Here](#)

Sports headline Alpine Announc... Search 02:33 PM 08-05-2025