

## Assignment-3

### Created WAR file on Jenkins master and deploy on 2 slaves

The screenshot displays the Jenkins Pipeline Stage View for a pipeline named 'Test-pipeline'. The interface includes a left sidebar with navigation options: Changes, Build Now, Configure, Delete Pipeline, Full Stage View, Rename, and Pipeline Syntax. Below these is the 'Build History' section, showing a list of builds with filters and a 'trend' dropdown. The main area shows the 'Stage View' for build #12, which failed. The stages are: Declarative: Tool Install (60ms), git clone (829ms), Build (8s), and deploy on slaves (1s). The 'deploy on slaves' stage is highlighted in red, indicating failure. The 'Average stage times' are shown as 60ms, 829ms, 8s, and 1s respectively. The 'Average full run time' is approximately 10s. The 'Permalinks' section provides links to the last build, last stable build, and last successful build. The bottom of the screenshot shows a Windows taskbar with the date and time as 2:32 PM on 18/12/2023.

Stage	Declarative: Tool Install	git clone	Build	deploy on slaves
Average stage times	60ms	829ms	8s	1s
#13	65ms	804ms	8s	1s
#12	55ms	854ms	8s	972ms (failed)

Permalinks:

- Last build (#12), 6 min 42 sec ago
- Last stable build (#11), 16 min ago
- Last successful build (#11), 16 min ago

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The screenshot shows the Jenkins Script console with a pipeline script. The script is as follows:

```
1 pipeline {
2   agent {
3     label {
4       label "built-in"
5     }
6   }
7   tools {
8     maven "MAVEN"
9   }
10
11   stages{
12     stage('git clone'){
13       steps{
14         git 'https://github.com/AniketUdale/project.git'
15       }
16     }
17     stage('Build'){
18       steps{
19         sh "mvn clean install"
20       }
21     }
22     stage('deploy on slaves'){
23       steps{
24         sh "scp -i /root/Mumbai_Region_key.pem /root/.jenkins/workspace/Test-pipeline/target/LoginWebApp.war ec2-user@ec2-13-126-1"
25         sh "scp -i /root/Mumbai_Region_key.pem /root/.jenkins/workspace/Test-pipeline/target/LoginWebApp.war ec2-user@ec2-65-2-131"
26       }
27     }
28   }
29 }
```

At the bottom of the console, there are two buttons: 'Save' and 'Apply'.

```
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (deploy on slaves)
[Pipeline] tool
[Pipeline] envVarsForTool
[Pipeline] withEnv
[Pipeline] {
[Pipeline] sh
+ scp -i /root/Mumbai_Region_key.pem /root/.jenkins/workspace/Test-pipeline/target/LoginWebApp.war ec2-user@ec2-13-126-172-180.ap-south-1.compute.amazonaws.com:/home/ec2-user/apache-tomcat-9.0.84/webapps
[Pipeline] sh
+ scp -i /root/Mumbai_Region_key.pem /root/.jenkins/workspace/Test-pipeline/target/LoginWebApp.war ec2-user@ec2-65-2-131-96.ap-south-1.compute.amazonaws.com:/home/ec2-user/apache-tomcat-9.0.84/webapps
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```

REST API Jenkins 2.426.2



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