

CICD

LAB-5 Experiment

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Course: CSE DevOps

Batch-2

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Working Of Slave

ID	Name	Architecture	Clock Difference	Free Disk Space	Free Swap Space	Free Temp Space	Response Time
	master	Windows 10 (amd64)	in sync	334.23 GB	11.06 GB	334.23 GB	0 ms
	Slave1		N/A	N/A	N/A	N/A	N/A
Data obtained		4 ms	10 min	10 min	10 min	10 min	0 ms

Refresh status

After Running command on Terminal:

```

c:\WINDOWS\system32\java -jar C:\Jenkins\Slaves\Agent\agent.jar -jnlpurl http://localhost:8080/computer/Slaves/slave-agent.jnlp -s
nded2f2c8bde8c846c4ec010658d7 -workDir "C:\Jenkins\Slaves"
Sep 12, 2020 4:06:47 PM org.jenkinsci.remoting.engine.JarURLConnection$Initializer$Killer
INFO: Using C:\Jenkins\Slaves\remoting as a remoting work directory
Sep 12, 2020 4:06:47 PM org.jenkinsci.remoting.engine.JarURLConnection$Initializer$Killer
INFO: Both error and output logs will be printed to C:\Jenkins\Slaves\remoting
Sep 12, 2020 4:06:48 PM Hudson.remoting.jnlp.Main (createEngine)
INFO: Setting up agent: Slave1
Sep 12, 2020 4:06:48 PM Hudson.remoting.jnlp.Main$CullListener (kill)
INFO: Jenkins agent is running in headless mode.
Sep 12, 2020 4:06:48 PM Hudson.remoting.engine.StartingLine
INFO: Using Remoting version: 4.5
Sep 12, 2020 4:06:48 PM org.jenkinsci.remoting.engine.JarURLConnection$Initializer$Killer
INFO: Using C:\Jenkins\Slaves\remoting as a remoting work directory
Sep 12, 2020 4:06:48 PM Hudson.remoting.jnlp.Main$CullListener (kill)
INFO: Using server using [http://localhost:8080/]
Sep 12, 2020 4:06:48 PM org.jenkinsci.remoting.engine.JarURLConnection$Initializer$Killer
INFO: Remoting server accepts the following protocols: [JNLP-Socket, Ping]
Sep 12, 2020 4:06:48 PM Hudson.remoting.jnlp.Main$CullListener (kill)
INFO: Agent discovery successful
Agent address: 10.0.0.1
Agent port: 50039
Identity: 36:2d:8c:d9:4b:2c:c1:79:72:54:27:85:5e:ba:34:6d
Sep 12, 2020 4:06:48 PM Hudson.remoting.jnlp.Main$CullListener (kill)
INFO: Identity confirmed
Sep 12, 2020 4:06:48 PM Hudson.remoting.jnlp.Main$CullListener (kill)
INFO: Connecting to localhost/50039
Sep 12, 2020 4:06:48 PM Hudson.remoting.jnlp.Main$CullListener (kill)
INFO: Trying protocol: JNLP-connect
Sep 12, 2020 4:06:49 PM Hudson.remoting.jnlp.Main$CullListener (kill)
INFO: Remote identity confirmed: 36:2d:8c:d9:4b:2c:c1:79:72:54:27:85:5e:ba:34:6d
Sep 12, 2020 4:06:49 PM Hudson.remoting.jnlp.Main$CullListener (kill)
INFO: Connected
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by com.thoughtworks.xstream.core.util.Fields to field java.util.TreeMap.comparator
WARNING: Please consider reporting this to the maintainers of com.thoughtworks.xstream.core.util.Fields
WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations
WARNING: All illegal access operations will be denied in a future release

```

Now

S	Name	Architecture	Clock Difference	Free Disk Space	Free Swap Space	Free Temp Space	Response Time
	master	Windows 10 (amd64)	In sync	334.21 GB	6.76 GB	334.21 GB	0ms
	Slave1	Windows 10 (amd64)	In sync	334.21 GB	6.76 GB	334.21 GB	277ms
Data obtained		13 sec	13 sec	13 sec	13 sec	13 sec	13 sec

After making slave BUILD your Maven project

Console OutPut :-

```
Copied maven3-agent.jar
Copied maven3-interceptor.jar
Copied maven3-interceptor-commons.jar
[cid_b2_lab] $ java -cp C:\Jenkins_Slave1\maven3-agent.jar;C:\Jenkins_Slave1\tools\hudson.tasks.Maven\maven3-installation\c_program_files_apache-maven-3.8.5\boot\plexus-classworlds-2.8.6.jar;C:\Jenkins_Slave1\tools\hudson.tasks.Maven\maven3-installation\c_program_files_apache-maven-3.8.5\conf\logging-jenkins-maven3-agent-maven3.jar C:\Jenkins_Slave1\tools\hudson.tasks.Maven\maven3-installation\c_program_files_apache-maven-3.8.5 C:\Jenkins_Slave1_Agent\agent.jar C:\Jenkins_Slave1\maven3-interceptor.jar C:\Jenkins_Slave1\maven3-interceptor-commons.jar 33225
====[JENKINS REMOTING CAPACITY]====channel started
Executing Maven: -B -f C:\Jenkins_Slave1\workspace\CICD_LAB5_B2\cid_b2_lab\pom.xml clean
[INFO] Scanning for projects...
[INFO]
[INFO] -----< CID_B2_cicd_b2_lab >-----
[INFO] Building cid_b2_lab 0.0.1-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- maven-clean-plugin:2.5:clean (default-clean) @ cid_b2_lab ---
[INFO] Deleting C:\Jenkins_Slave1\workspace\CICD_LAB5_B2\cid_b2_lab\target
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] Total time: 3.108 s
[INFO] Finished at: 2020-06-12T10:52:56+05:30
[INFO]
[INFO]
```

**NOW YOUR FOLDER
Jenkins_Slave1 Will look like**

Name	Date modified	Type	Size
remoting	12-06-2020 16:06	File folder	
tools	12-06-2020 16:17	File folder	
workspace	12-06-2020 16:17	File folder	
maven3-interceptor-commons.jar	12-06-2020 16:12	Executable jar file	7 KB
maven3-agent.jar	12-06-2020 16:12	Executable jar file	9 KB
maven3-interceptor.jar	12-06-2020 16:12	Executable jar file	21 KB