

Cloud Computing lab Week7 : Jenkins (DevOps, CI/CD tool)

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PES1201800177

Section : G

Task-1

```
sudo docker run -p 8080:8080 -p 50000:50000 -it jenkins:lab7

File Edit View Search Terminal Help
org.springframework.web.context.support.StaticWebApplication
Context@23f7eeea]: org.springframework.beans.factory.support.DefaultListableBeanFactory@41e2c018
2021-03-04 14:50:07.496+0000 [id=34] INFO o.s.b.f.s.DefaultListableBeanFactory#preInstantiateSin
gletons: Pre-instantiating singletons in org.springframework.beans.factory.support.DefaultListableBean
Factory@41e2c018: defining beans [authenticationManager]; root of factory hierarchy
2021-03-04 14:50:07.830+0000 [id=34] INFO o.s.c.s.AbstractApplicationContext#prepareRefresh: Ref
reshing org.springframework.web.context.support.StaticWebApplicationContext@10a0b083: display name [Ro
ot WebApplicationContext]; startup date [Thu Mar 04 14:50:07 UTC 2021]; root of context hierarchy
2021-03-04 14:50:07.831+0000 [id=34] INFO o.s.c.s.AbstractApplicationContext#obtainFreshBeanFact
ory: Bean factory for application context [org.springframework.web.context.support.StaticWebApplicatio
nContext@10a0b083]: org.springframework.beans.factory.support.DefaultListableBeanFactory@1b7ba4c0
2021-03-04 14:50:07.831+0000 [id=34] INFO o.s.b.f.s.DefaultListableBeanFactory#preInstantiateSin
gletons: Pre-instantiating singletons in org.springframework.beans.factory.support.DefaultListableBean
Factory@1b7ba4c0: defining beans [filter,legacy]; root of factory hierarchy
2021-03-04 14:50:08.211+0000 [id=34] INFO jenkins.install.SetupWizard#init:

*****
*****
*****

Jenkins initial setup is required. An admin user has been created and a password generated.
Please use the following password to proceed to installation:

48e79eec8bd447b8a30ea654d306a6f7

This may also be found at: /var/jenkins_home/secrets/initialAdminPassword

*****
*****
*****
```

Task-2

Console Output

```
Started by user admin
Running as SYSTEM
Building in workspace /var/jenkins_home/workspace/PES1201800177
The recommended git tool is: NONE
No credentials specified
> git rev-parse --is-inside-work-tree # timeout=10
Fetching changes from the remote Git repository
> git config remote.origin.url https://github.com/sujeeth-cc/Lab7-Jenkins.git # timeout=10
Fetching upstream changes from https://github.com/sujeeth-cc/Lab7-Jenkins.git
> git --version # timeout=10
> git --version # 'git version 2.20.1'
> git fetch --tags --force --progress -- https://github.com/sujeeth-cc/Lab7-Jenkins.git
+refs/heads/*:refs/remotes/origin/* # timeout=10
Seen branch in repository origin/main
Seen 1 remote branch
> git show-ref --tags -d # timeout=10
Checking out Revision 637df558bc7bd06e5623207301d4e165fff2e059 (origin/main)
> git config core.sparsecheckout # timeout=10
> git checkout -f 637df558bc7bd06e5623207301d4e165fff2e059 # timeout=10
Commit message: "Delete .DS_Store"
> git rev-list --no-walk 637df558bc7bd06e5623207301d4e165fff2e059 # timeout=10
[PES1201800177] $ /bin/sh -xe /tmp/jenkins1965564257306598259.sh
+ make -C original
make: Entering directory '/var/jenkins_home/workspace/PES1201800177/original'
make: 'hello_exec' is up to date.
make: Leaving directory '/var/jenkins_home/workspace/PES1201800177/original'
Finished: SUCCESS
```

Dashboard > All >

- New Item
- People
- Build History
- Manage Jenkins
- My Views
- Lockable Resources
- New View

Build Queue

No builds in the queue.

Build Executor Status

- 1 Idle
- 2 Idle



Build History of Jenkins

This history is not guaranteed to include all subtasks executed on the node, e.g. Jenkins Pipeline subtasks will not be displayed.




Build	Time Since ↑	Status
 lab2 #1	46 sec	stable 


Task-3


Dashboard


lab2


#1


 Back to Project


 Status

 Changes

 Console Output

 View as plain text

 Edit Build Information

 Delete build '#1'

Console Output

Started by upstream project "**PES1201800177**" build number **5**
originally caused by:
Started by user **admin**
Running as SYSTEM
Building in workspace /var/jenkins_home/workspace/lab2
[lab2] \$ /bin/sh -xe /tmp/jenkins212239228575976464.sh
+ /var/jenkins_home/workspace/PES1201800177/original/hello_exec
Hello, World
Hello, Jenkins
I have successfully built and run
Finished: SUCCESS

Project PES1201800177



Workspace



Recent Changes

Downstream Projects

 lab2

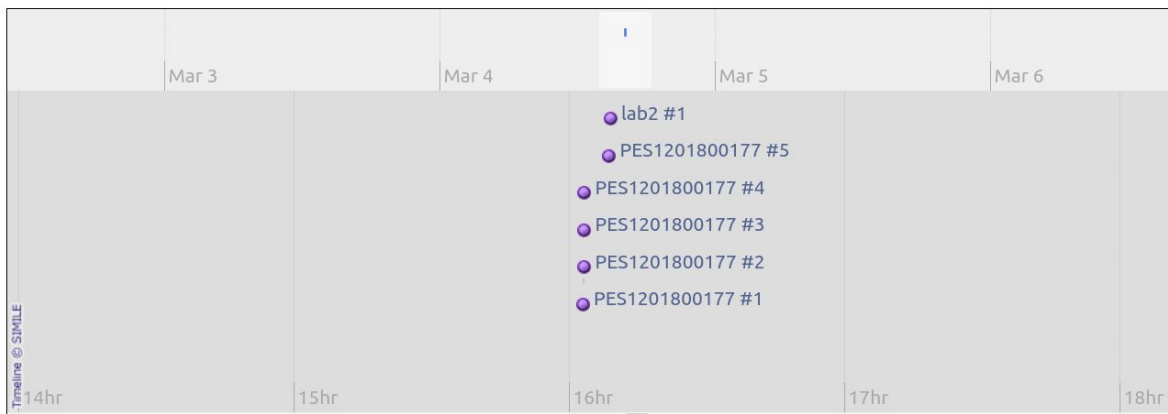
Permalinks

- [Last build \(#5\), 2 min 58 sec ago](#)
- [Last stable build \(#5\), 2 min 58 sec ago](#)
- [Last successful build \(#5\), 2 min 58 sec ago](#)
- [Last completed build \(#5\), 2 min 58 sec ago](#)



Build History of Jenkins

This history is not guaranteed to include all subtasks executed on the node, e.g. Jenkins Pipeline subtasks will not be displayed.



Build	Time Since ↑	Status
 lab2 #1	3 min 20 sec	stable 

 [add description](#)

S	W	Name ↓	Last Success	Last Failure	Last Duration	
		lab2	3 min 59 sec - #1	N/A	18 ms	
		PES1201800177	4 min 10 sec - #5	N/A	1.2 sec	

Icon: **S** **M** **L**

[Legend](#)

 [Atom feed for all](#)

 [Atom feed for failures](#)

 [Atom feed for just latest builds](#)