

Devops July 2024

Pre-test url (Access the below link from RPS Cloud Lab machine)

```
https://rpsconsulting116.examly.io/contest/public?
U2FsdGVkX1+a0m9IouvU6KN7NAziIMbMKNYLqXpcIHYgtF0ehKe943h61x6+3buQKPC0J3l/IZs
AIf0W0xhEZw==
```

Note

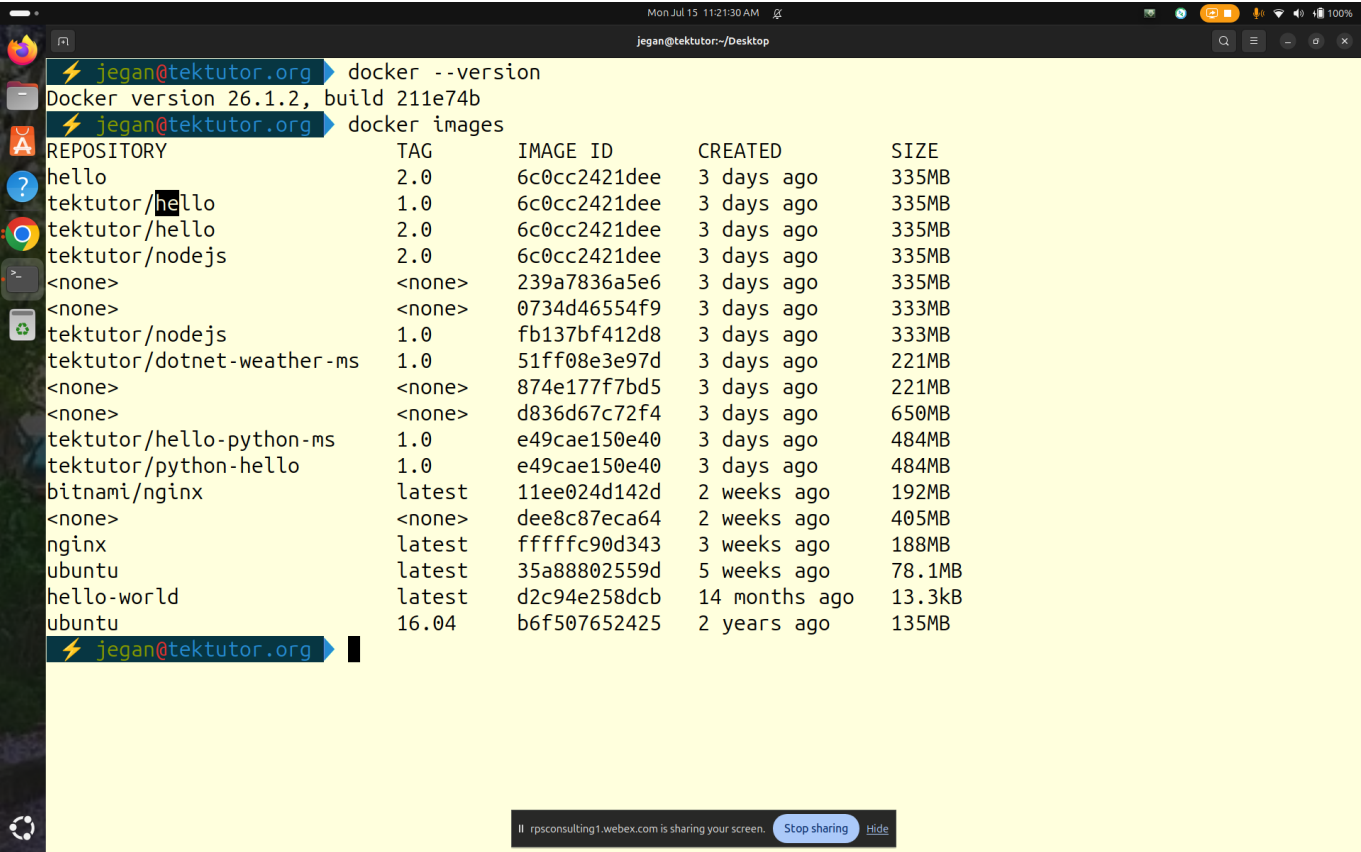
- Kindly provide your full name so that your L&D team can recognize your name
- While registering for the pre-test, you may use your personal email id(not BOFA id)
- You don't have to enable web camera
- You don't have to share your Date of Birth
- Once you are done with the pre-test either you will leave a message via WebEx chat or you can notify me
- Once everyone completes the pre-test we will start the training

Lab Check

Let's see if docker is installed

```
docker --version
docker images
```

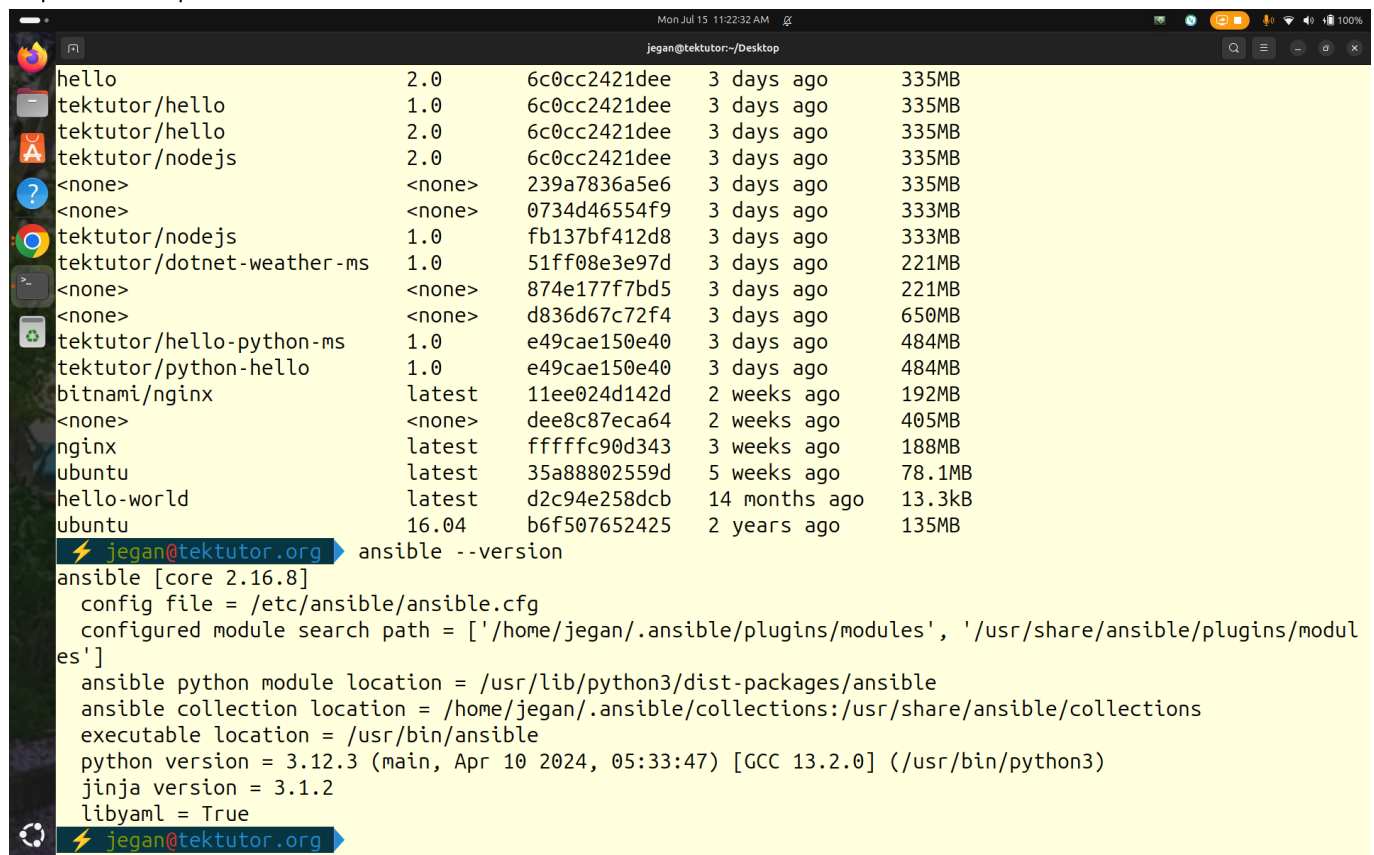
Expected output



Let's if ansible is installed

```
ansible --version
```

Expected output



```

jegan@tektutor:~/Desktop
hello                2.0          6c0cc2421dee   3 days ago      335MB
tektutor/hello       1.0          6c0cc2421dee   3 days ago      335MB
tektutor/hello       2.0          6c0cc2421dee   3 days ago      335MB
tektutor/nodejs      2.0          6c0cc2421dee   3 days ago      335MB
<none>              <none>       239a7836a5e6   3 days ago      335MB
<none>              <none>       0734d46554f9   3 days ago      333MB
tektutor/nodejs      1.0          fb137bf412d8   3 days ago      333MB
tektutor/dotnet-weather-ms 1.0          51ff08e3e97d   3 days ago      221MB
<none>              <none>       874e177f7bd5   3 days ago      221MB
<none>              <none>       d836d67c72f4   3 days ago      650MB
tektutor/hello-python-ms 1.0          e49cae150e40   3 days ago      484MB
tektutor/python-hello 1.0          e49cae150e40   3 days ago      484MB
bitnami/nginx        latest       11ee024d142d   2 weeks ago     192MB
<none>              <none>       dee8c87eca64   2 weeks ago     405MB
nginx                latest       fffffc90d343   3 weeks ago     188MB
ubuntu               latest       35a88802559d   5 weeks ago     78.1MB
hello-world          latest       d2c94e258dcb   14 months ago   13.3kB
ubuntu               16.04       b6f507652425   2 years ago     135MB

jegan@tektutor.org$ ansible --version
ansible [core 2.16.8]
  config file = /etc/ansible/ansible.cfg
  configured module search path = ['/home/jegan/.ansible/plugins/modules', '/usr/share/ansible/plugins/modules']
  ansible python module location = /usr/lib/python3/dist-packages/ansible
  ansible collection location = /home/jegan/.ansible/collections:/usr/share/ansible/collections
  executable location = /usr/bin/ansible
  python version = 3.12.3 (main, Apr 10 2024, 05:33:47) [GCC 13.2.0] (/usr/bin/python3)
  jinja version = 3.1.2
  libyaml = True
jegan@tektutor.org$

```

Let's see if Maven build tool and JDK is installed

```
mvn --version
```

Expected output

```

Mon Jul 15 11:23:34 AM
jegan@tektutor:~/Desktop

tektutor/nodejs          1.0      fb137bf412d8    3 days ago    333MB
tektutor/dotnet-weather-ms 1.0      51ff08e3e97d    3 days ago    221MB
<none>                  <none>    874e177f7bd5    3 days ago    221MB
<none>                  <none>    d836d67c72f4    3 days ago    650MB
tektutor/hello-python-ms 1.0      e49cae150e40    3 days ago    484MB
tektutor/python-hello    1.0      e49cae150e40    3 days ago    484MB
bitnami/nginx            latest   11ee024d142d    2 weeks ago    192MB
<none>                  <none>    dee8c87eca64    2 weeks ago    405MB
nginx                    latest   fffffffc90d343  3 weeks ago    188MB
ubuntu                   latest   35a88802559d    5 weeks ago    78.1MB
hello-world              latest   d2c94e258dcb    14 months ago  13.3kB
ubuntu                   16.04    b6f507652425    2 years ago    135MB

jegan@tektutor.org ► ansible --version
ansible [core 2.16.8]
  config file = /etc/ansible/ansible.cfg
  configured module search path = ['/home/jegan/.ansible/plugins/modules', '/usr/share/ansible/plugins/modules']
  ansible python module location = /usr/lib/python3/dist-packages/ansible
  ansible collection location = /home/jegan/.ansible/collections:/usr/share/ansible/collections
  executable location = /usr/bin/ansible
  python version = 3.12.3 (main, Apr 10 2024, 05:33:47) [GCC 13.2.0] (/usr/bin/python3)
  jinja version = 3.1.2
  libyaml = True

jegan@tektutor.org ► mvn --version
Apache Maven 3.8.7
Maven home: /usr/share/maven
Java version: 21.0.3, vendor: Ubuntu, runtime: /usr/lib/jvm/java-21-openjdk-amd64
Default locale: en_US, platform encoding: UTF-8
OS name: "linux", version: "6.8.0-38-generic", arch: "amd64", family: "unix"

jegan@tektutor.org ►

```

Let's see if Jenkins is installed

```

cd ~/Downloads
java -jar ./jenkins.war

```

Then you navigate to <http://localhost:8080> on your firefox web browser within the Ubuntu Lab machine

Expected output

```
Mon Jul 15 11:24:59 AM
java -jar ./jenkins.war

Default locale: en_US, platform encoding: UTF-8
OS name: "linux", version: "6.8.0-38-generic", arch: "amd64", family: "unix"
jegan@tektutor.org cd ~/Downloads
jegan@tektutor.org java -jar ./jenkins.war
Running from: /home/jegan/Downloads/jenkins.war
webroot: /home/jegan/.jenkins/war
2024-07-15 05:54:56.291+0000 [id=1] INFO winstone.Logger#logInternal: Beginning extraction from war file
2024-07-15 05:54:56.339+0000 [id=1] WARNING o.e.j.s.handler.ContextHandler#setContextPath: Empty contextPath
2024-07-15 05:54:56.368+0000 [id=1] INFO org.eclipse.jetty.server.Server#doStart: jetty-10.0.20; built: 2024-01-29T20:46:45.278Z; git: 3a745c71c23682146f262b99f4ddc4c1bc41630c; jvm 21.0.3+9-Ubuntu-1ubuntu1
2024-07-15 05:54:56.538+0000 [id=1] INFO o.e.j.w.StandardDescriptorProcessor#visitServlet: NO JSP Support for /, did not find org.eclipse.jetty.jsp.JettyJspServlet
2024-07-15 05:54:56.561+0000 [id=1] INFO o.e.j.s.s.DefaultSessionIdManager#doStart: Session workerName=node0
2024-07-15 05:54:56.768+0000 [id=1] INFO hudson.WebAppMain#contextInitialized: Jenkins home directory: /home/jegan/.jenkins
Found at: $user.home/.jenkins
2024-07-15 05:54:57.234+0000 [id=1] INFO o.e.j.s.handler.ContextHandler#doStart: Started w.@7d373bcf{Jenkins v2.440.3/,file:///home/jegan/.jenkins/war/,AVAILABLE}{/home/jegan/.jenkins/war}
2024-07-15 05:54:57.240+0000 [id=1] INFO o.e.j.server.AbstractConnector#doStart: Started ServerConnector@45afc369{HTTP/1.1, (http/1.1)}{0.0.0.0:8080}
2024-07-15 05:54:57.248+0000 [id=1] INFO org.eclipse.jetty.server.Server#doStart: Started Server@f0f2775{STARTING}[10.0.20,sto-0] @1170ms
2024-07-15 05:54:57.248+0000 [id=65] INFO winstone.Logger#logInternal: Winstone Servlet Engine running: controlPort=disabled
2024-07-15 05:54:57.345+0000 [id=72] INFO jenkins.InitReactorRunner$1#onAttained: Started initialization
2024-07-15 05:54:57.458+0000 [id=79] INFO jenkins.InitReactorRunner$1#onAttained: Listed all plugins
2024-07-15 05:54:58.737+0000 [id=82] INFO jenkins.InitReactorRunner$1#onAttained: Prepared all plugins
2024-07-15 05:54:58.746+0000 [id=98] INFO jenkins.InitReactorRunner$1#onAttained: Started all plugins
2024-07-15 05:54:58.748+0000 [id=107] INFO jenkins.InitReactorRunner$1#onAttained: Augmented all extensions
2024-07-15 05:54:58.836+0000 [id=98] INFO h.p.b.g.GlobalTimeoutConfiguration#load: global timeout not set
2024-07-15 05:54:59.047+0000 [id=107] INFO jenkins.InitReactorRunner$1#onAttained: System config loaded
2024-07-15 05:54:59.047+0000 [id=107] INFO jenkins.InitReactorRunner$1#onAttained: System config adapted
2024-07-15 05:54:59.082+0000 [id=120] INFO jenkins.InitReactorRunner$1#onAttained: Loaded all jobs
2024-07-15 05:54:59.091+0000 [id=94] INFO jenkins.InitReactorRunner$1#onAttained: Configuration for all jobs updated
2024-07-15 05:54:59.104+0000 [id=135] INFO hudson.util.Retrier#start: Attempt #1 to do the action check updates server
2024-07-15 05:54:59.112+0000 [id=86] INFO jenkins.InitReactorRunner$1#onAttained: Completed initialization
2024-07-15 05:54:59.127+0000 [id=57] INFO hudson.lifecycle.Lifecycle#onReady: Jenkins is fully up and running
```

Inbox (7,666) - jegan@tektutor.org

24MAN1104-Ani-TR

Digital Learning Platform

Cisco Webex

devops-july-2024/README.md

Dashboard [Jenkins]

localhost:8080

Jenkins

Search (CTRL+K)

🔔 1 🛡️ 2 👤 Jeganathan Swaminathan 🚪 log out

Dashboard

+ New Item

👤 People

📅 Build History

🔗 Project Relationship

🔍 Check File Fingerprint

⚙️ Manage Jenkins

📄 My Views

🔧 P4 Trigger

Build Queue

No builds in the queue.

Build Executor Status

1 Idle

2 Idle

All

S	W	Name	Last Success	Last Failure	Last Duration
🕒	☁️	HelloCJJob	2 mo 5 days #2	2 mo 5 days #1	1.3 sec

Icon: S M L

Icon legend

📡 Atom feed for all

📡 Atom feed for failures

📡 Atom feed for just latest builds

Add description

⏏ rpsconsulting1.webex.com is sharing your screen. Stop sharing Hide

REST API Jenkins 2.440.3