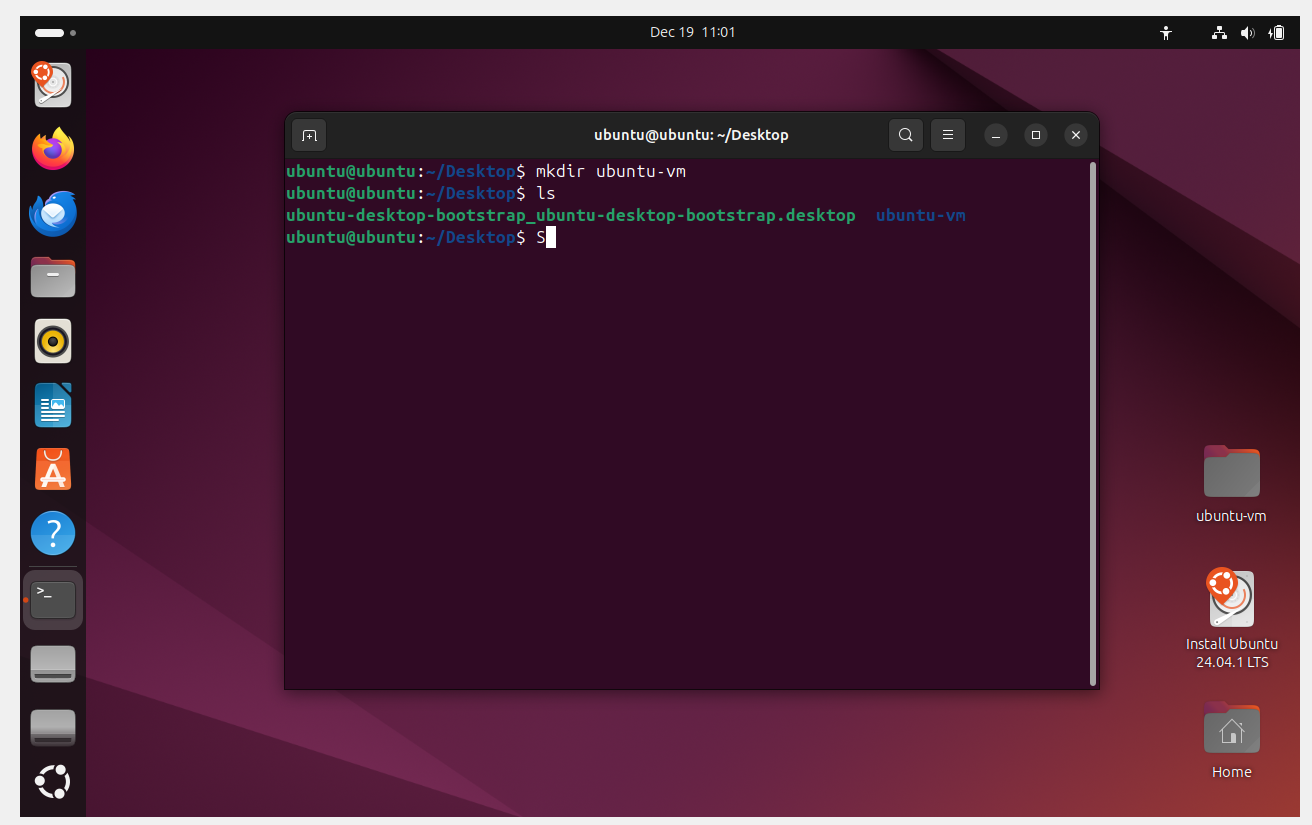
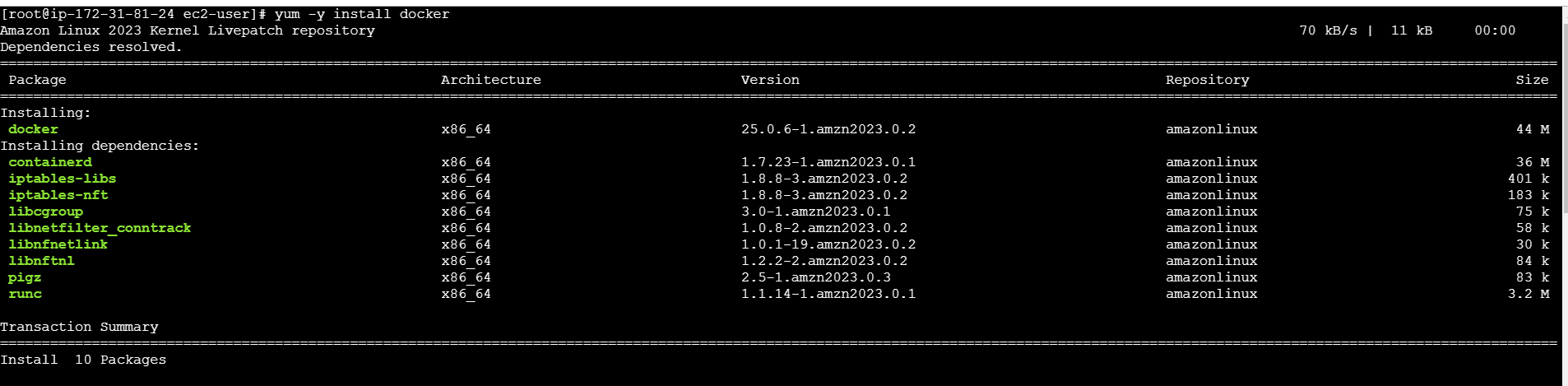
**Docker Tasks-1:**

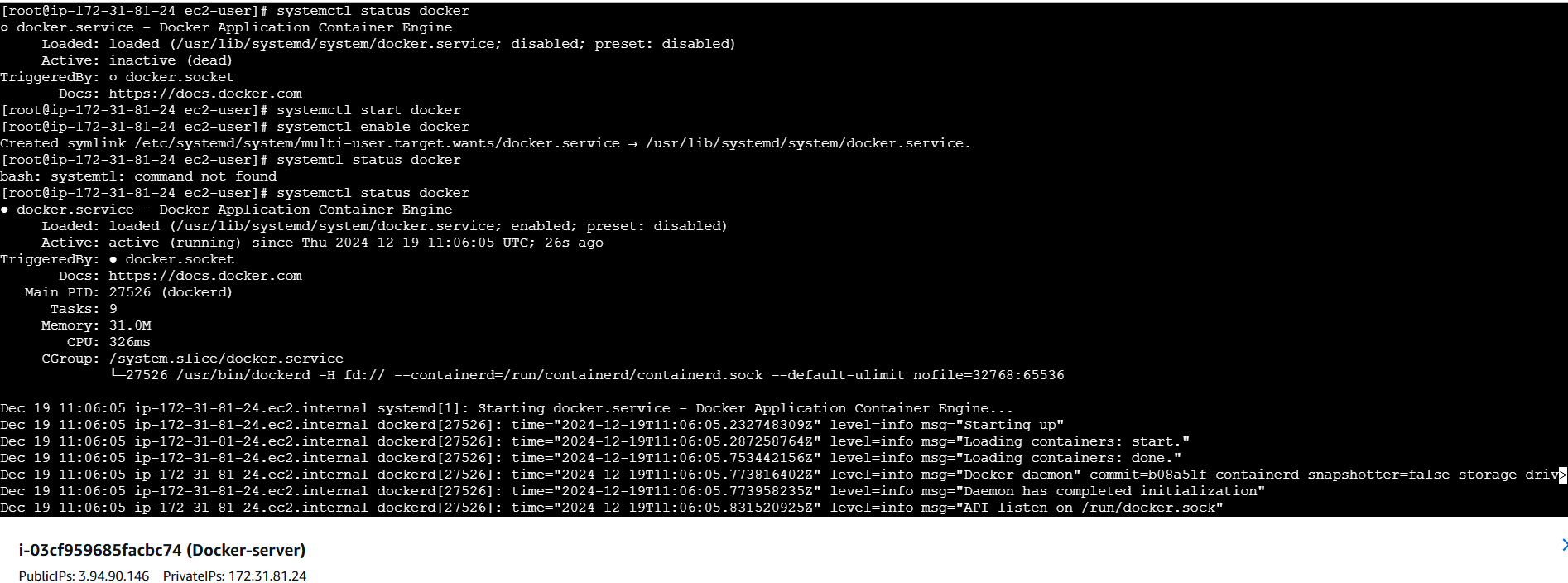
**1) Setup a virtual machine using Ubuntu image.**



**2) Install docker on ec2.**

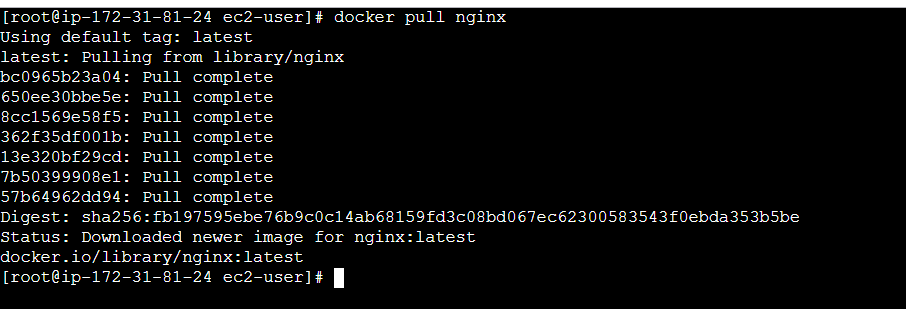
|  |
| --- |
| yum -y install docker  systemctl start docker  systemctl enable docker  systemctl status docker |



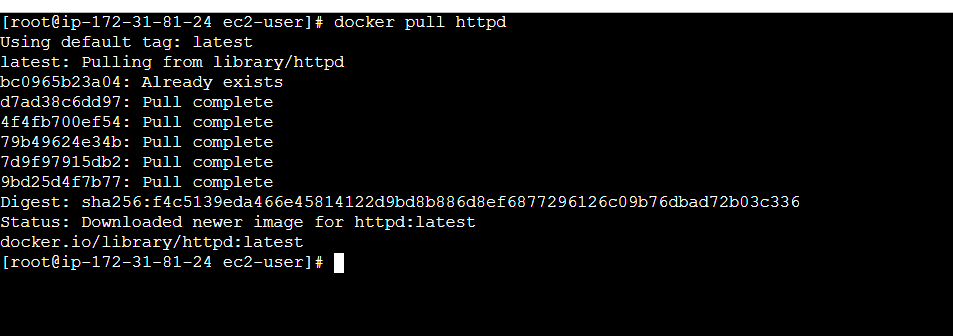


**3) Pull 5 docker images (nginx, apache tomcat, ubuntu, jenkins, sonarqube)**

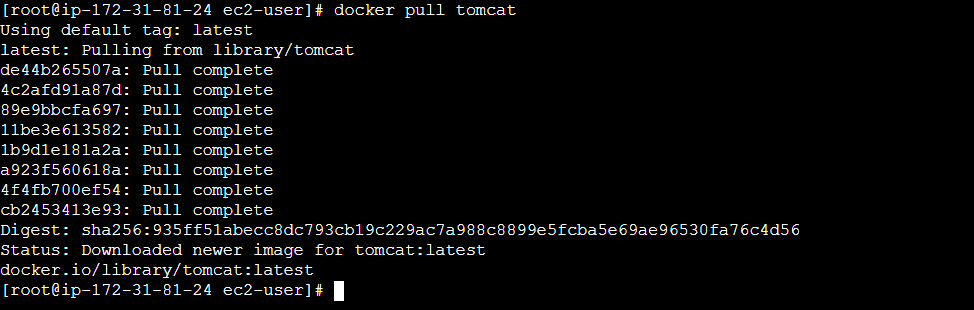
* **docker pull nginx**

****

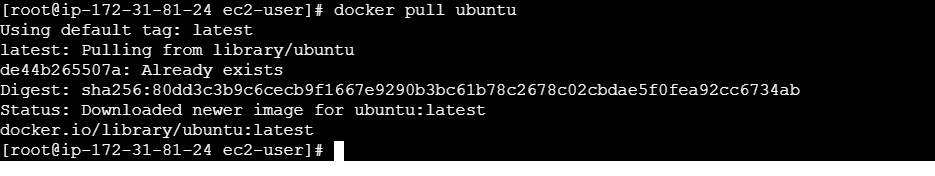
* **docker pull httpd**

****

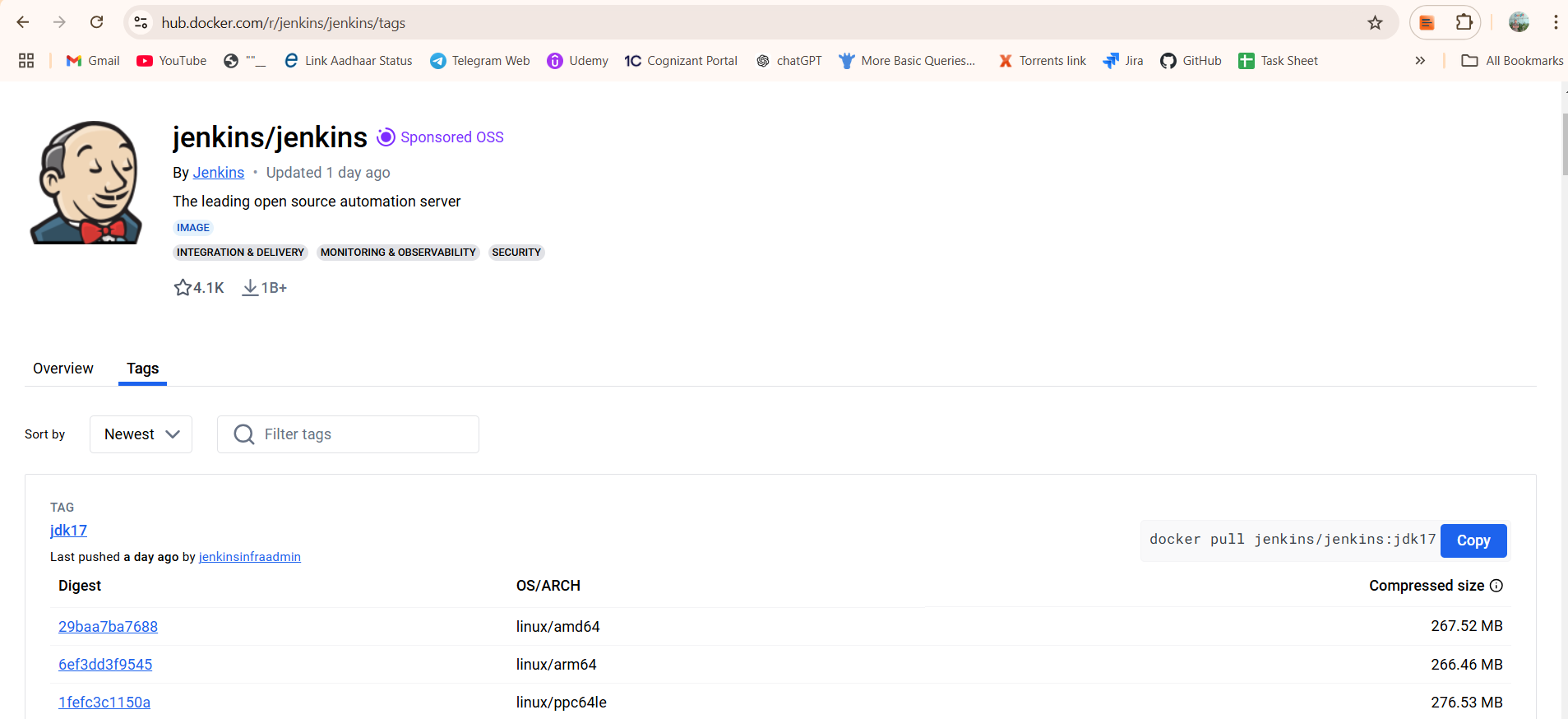
* **docker pull tomcat**

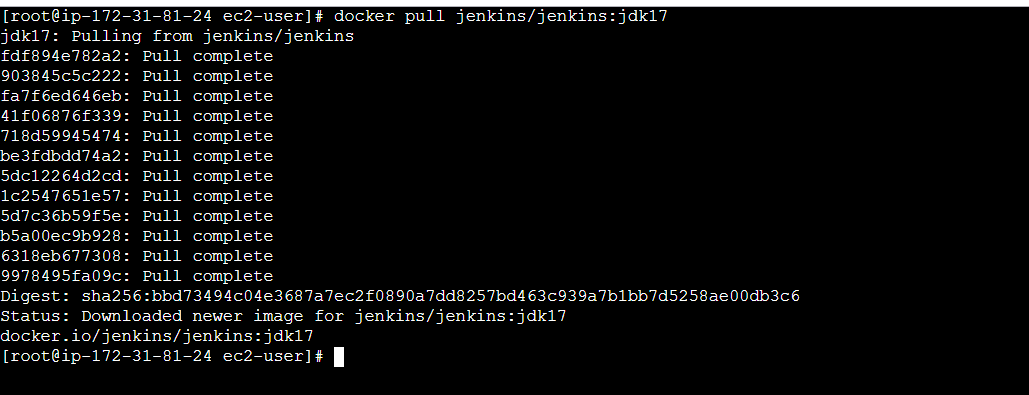
****

* **docker pull ubuntu**

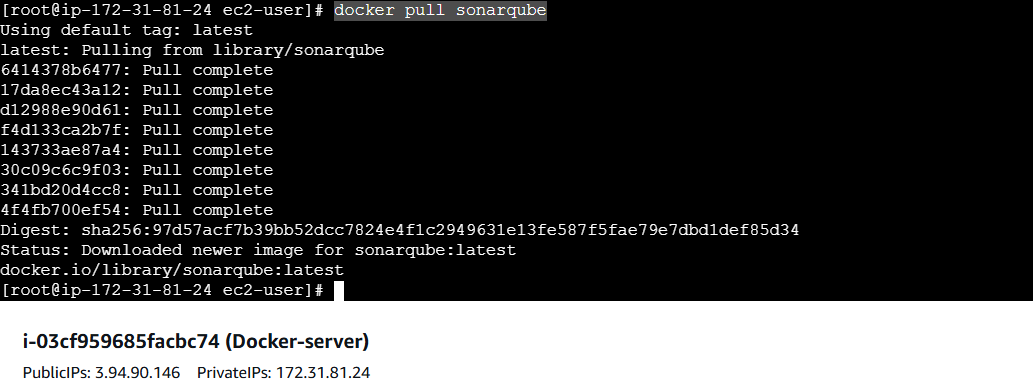
****

* **docker pull jenkins/jenkins:jdk17**

****

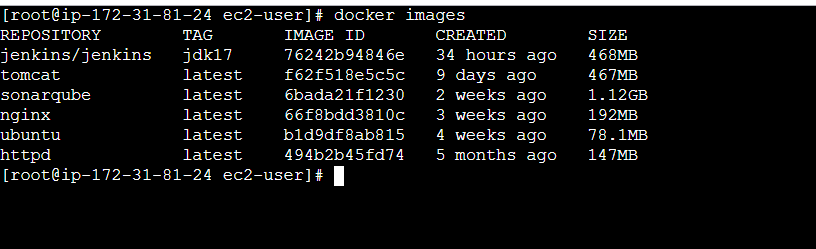
****

* **docker pull sonarqube**

****

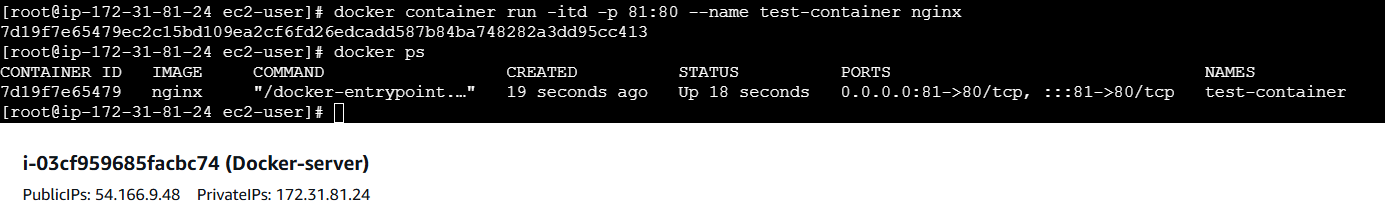
**>>> To check all the images available.**

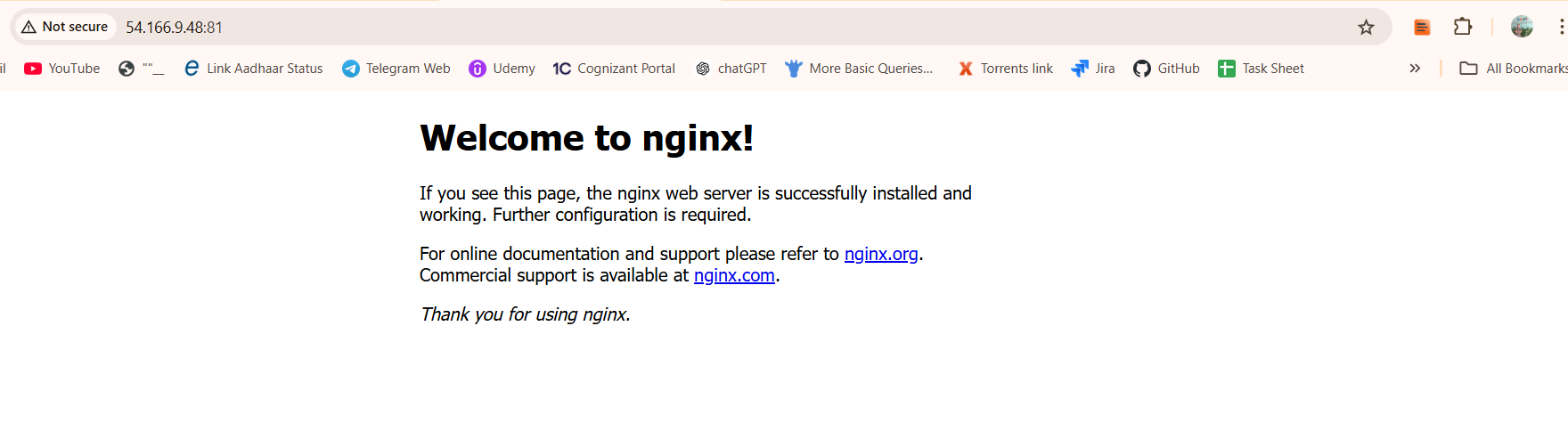
* **docker images**

****

**4) Run nginx container and expose on port 81.**

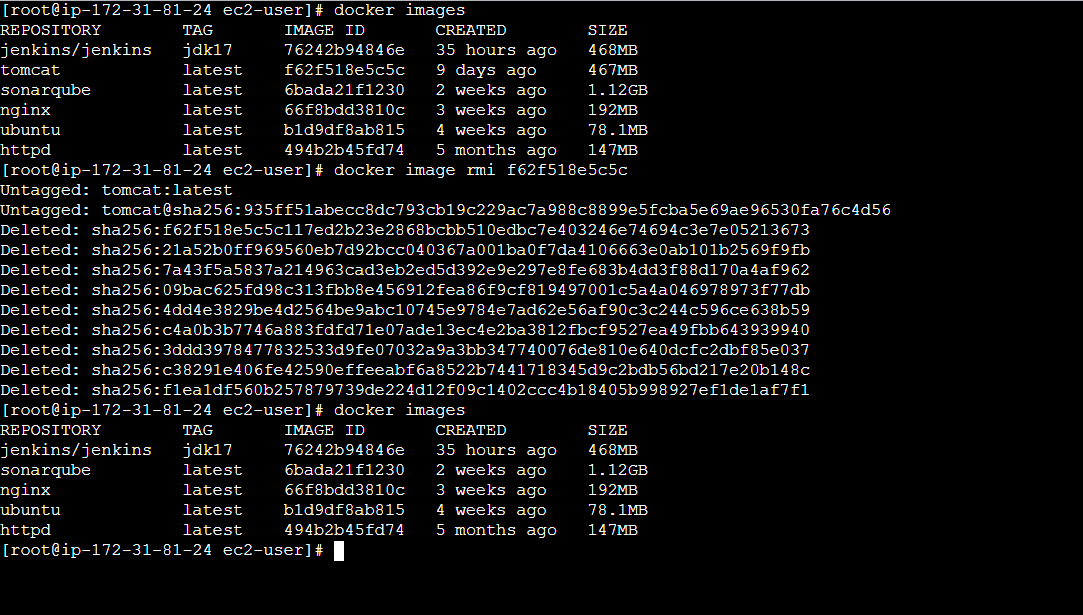
* docker container run -itd -p 81:80 --name nginx

****

****

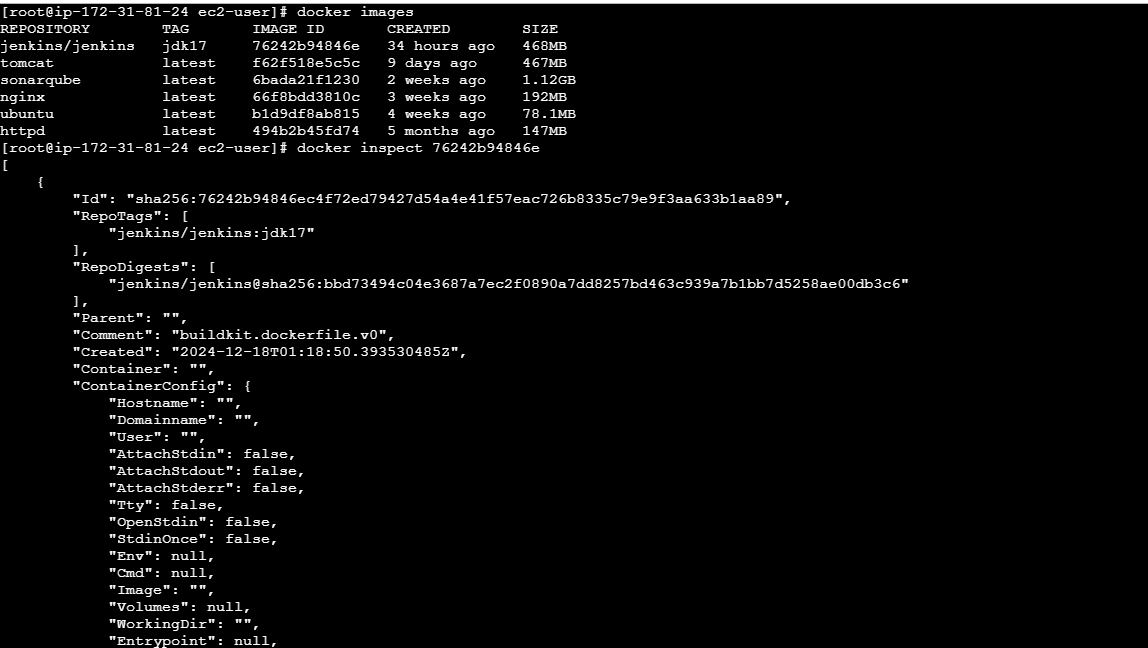
**5) Delete the apache tomcat image from local.**

* docker image rmi f62f518e5c5c



**6) Inspect the jenkins image,sonarqube image.**

* Docker inspect <image Id of jenkins>

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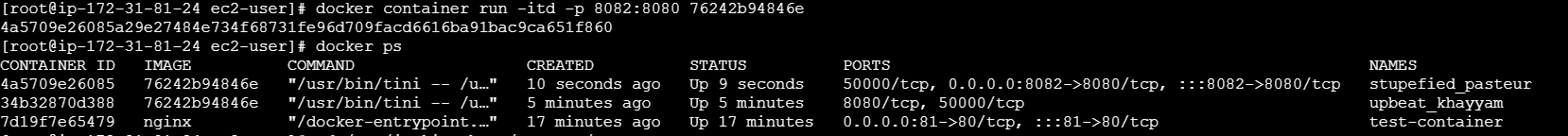
* Docker inspect <image Id of sonarqube>

****

****

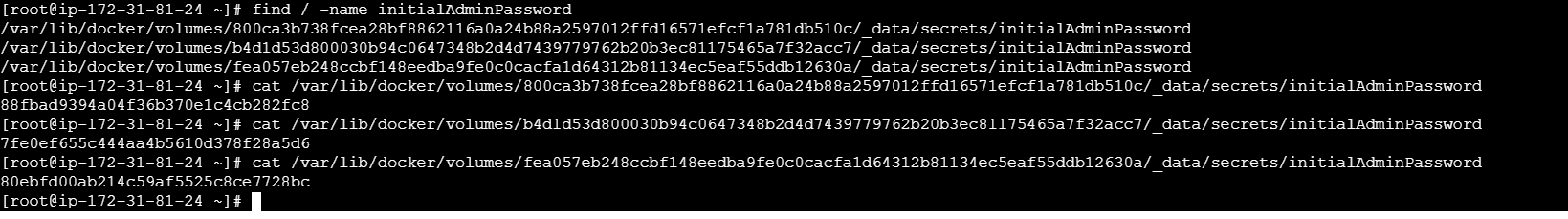
**7) Run jenkins container and run one sample job.**

* docker container run -itd -p 8082:8080 76242b94846e
* docker ps

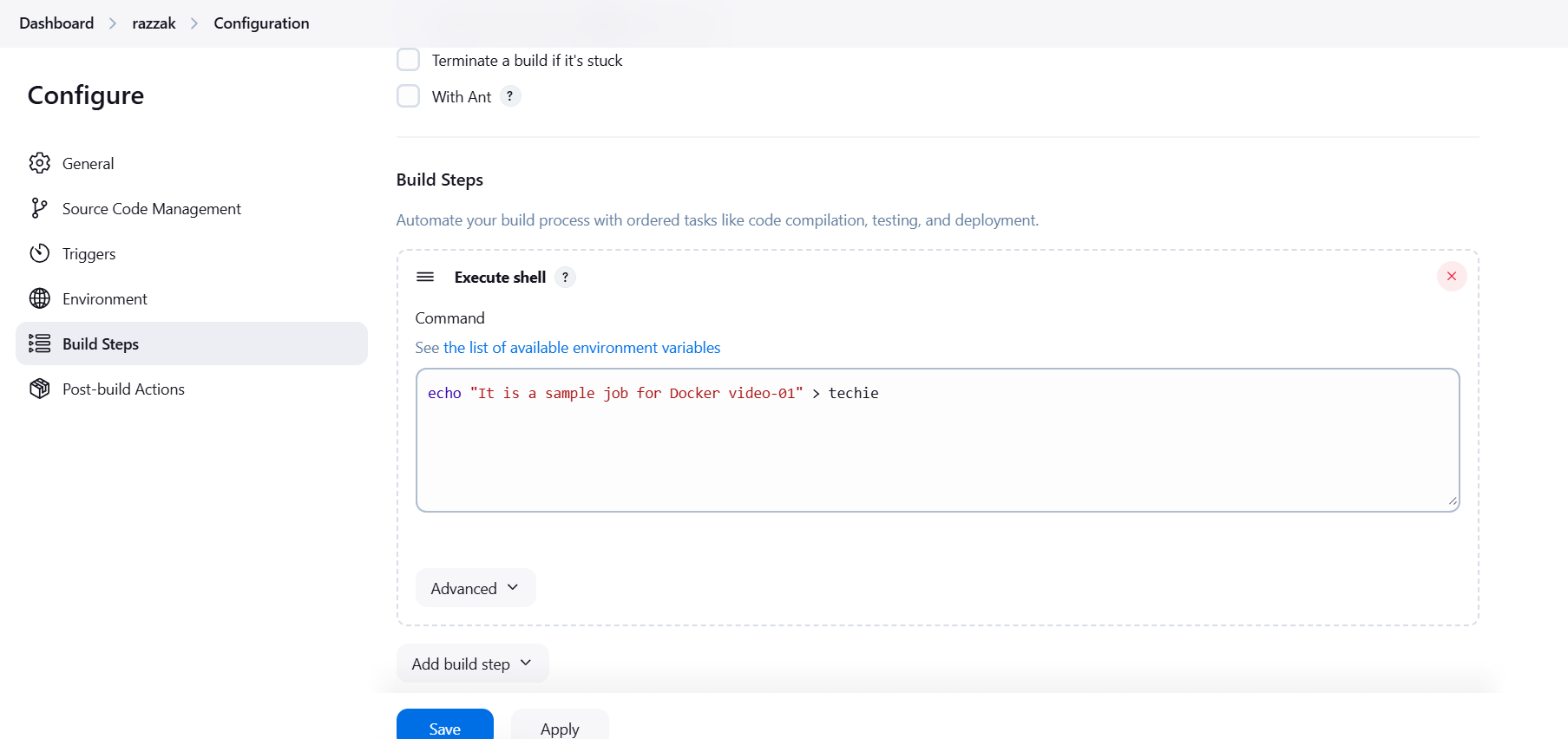


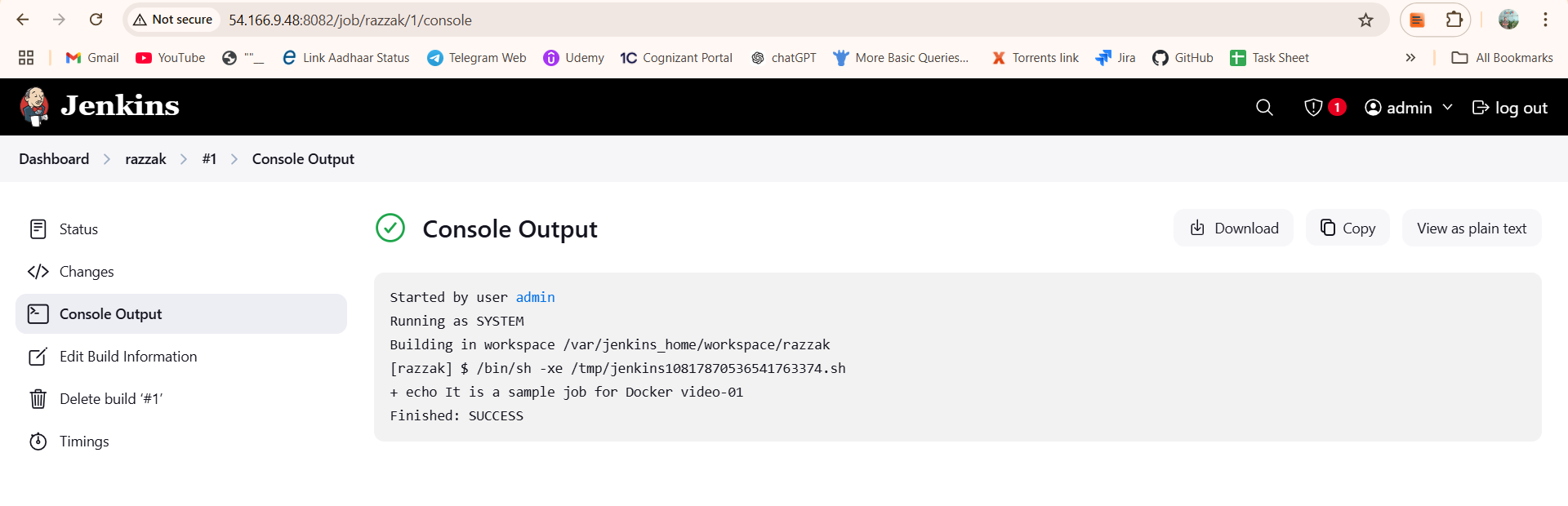
**>> To find Jenkins password:**

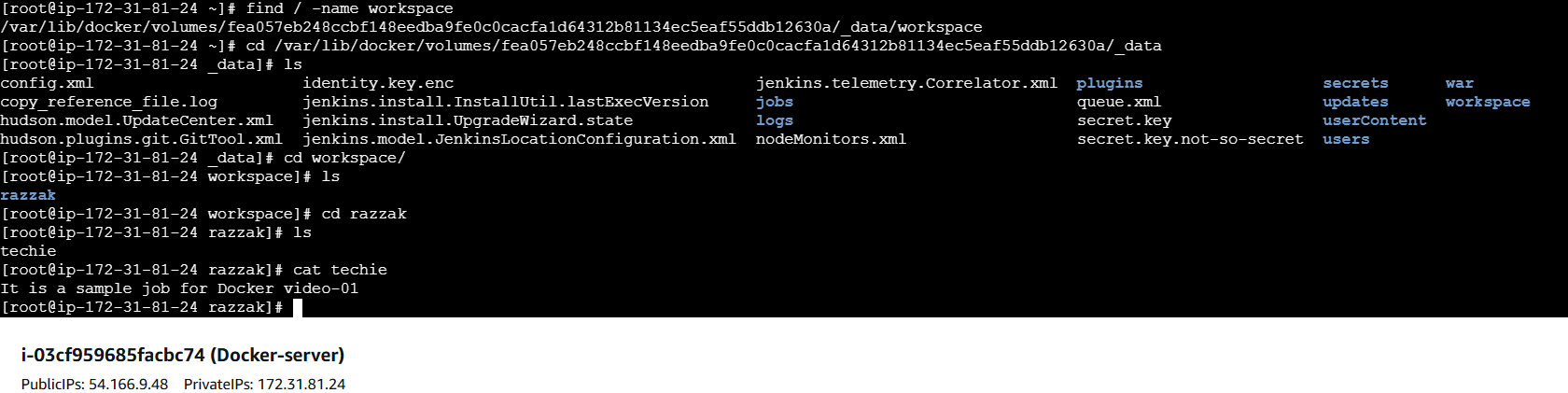
* find / -name initialAdminPassword
* cat <the/path/to/password>



>>Login into Jenkins and build the sample job:



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