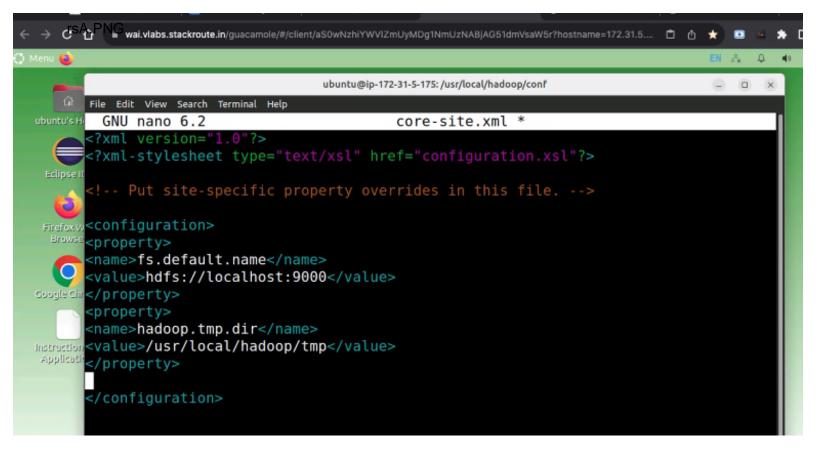
netto python ubuntu@ip-172-31-10-89:~\$ sudo apk update sudo: apk: command not found ubuntu@ip-172-31-10-89:~\$ sudo apt update Hit:1 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy InRelease Get:2 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy-updates InRelease [1 19 kB]



```
ubuntu@ip-172-31-10-89: /usr/lib/jvm/java-11-openjdk-amd64
                                                                       _ D X
    rsa6.PNG
 File
     Edit View Search Terminal
                               Help
ubuntu@ip-172-31-10-89:~$ ls
 Desktop
                                     PycharmProjects
                                                            pyt
 Documents
                                     Templates
                                                           'python git'
 Downloads
                                     Videos
                                                           'python git 1'
 HR_Hiring_details_transaction.csv
                                                            thinclient drives
 Music
                                     eclipse
 Pictures
                                     eclipse-workspace
 Public
                                     hadoop-1.2.1.tar.gz
ubuntu@ip-172-31-10-89:~$ whereia jdk
Command 'whereia' not found, did you mean:
  command 'whereis' from deb util-linux (2.37.2-4ubuntu3)
Try: sudo apt install <deb name>
ubuntu@ip-172-31-10-89:~$ whereis jdk
jdk:
ubuntu@ip-172-31-10-89:~$ whereis java
java: /usr/bin/java /usr/share/java /usr/share/man/man1/java.1.gz
ubuntu@ip-172-31-10-89:~$ cd /usr/lib/jvm/
ubuntu@ip-172-31-10-89:/usr/lib/jvm$ ls
default-java java-1.11.0-openjdk-amd64 java-11-openjdk-amd64
                                                                 openjdk-11
ubuntu@ip-172-31-10-89:/usr/lib/jvm$ cd java-11-openjdk-amd64/
ubuntu@ip-172-31-10-89:/usr/lib/jvm/java-11-openjdk-amd64$ ls
bin conf docs include jmods legal lib man release
ubuntu@ip-172-31-10-89:/usr/lib/jvm/java-11-openjdk-amd64$
```

```
ubuntu@ip-172-31-10-89: ~
   rsa8.PNG
File Edit View Search Terminal Help
ubuntu@ip-172-31-10-89:/usr/local/hadoop/conf$ ls
capacity-scheduler.xml
                            hadoop-policy.xml
                                                    slaves
configuration.xsl
                            hdfs-site.xml
                                                    ssl-client.xml.example
core-site.xml
                            log4j.properties
                                                    ssl-server.xml.example
fair-scheduler.xml
                            mapred-queue-acls.xml
                                                    task-log4j.properties
hadoop-env.sh
                            mapred-site.xml
                                                    taskcontroller.cfg
hadoop-metrics2.properties
                            masters
ubuntu@ip-172-31-10-89:/usr/local/hadoop/conf$ cat hdfs-site.xml
<?xml version="1.0"?>
<?xml-stylesheet type="text/xsl" href="configuration.xsl"?>
<!-- Put site-specific property overrides in this file. -->
<configuration>
property>
<name>dfs.replication</name>
<value>1</value>
</property>
</configuration>
ubuntu@ip-172-31-10-89:/usr/local/hadoop/conf$ cd
ubuntu@ip-172-31-10-89:~$ nano .bashrc
  untu@in-172-31-10-89:~$ nano hashco
```

 ubuntu@ip-172-31-10-89:~/.ssh\$

ubuntu@ip-172-31-10-89:~/.ssh\$ cat id rsa.pub >> authorized_keys

cat: id: No such file or directory

cat: rsa.pub: No such file or directory

ubuntu@ip-172-31-10-89:~/.ssh\$ cat id_rsa.pub >> authorized_keys

ubuntu@ip-172-31-10-89:~/.ssh\$ cat id_rsa.pub >> authorized_keys

ubuntu@ip-172-31-10-89:~/.ssh\$

X

File Edit View Search Terminal Help

RKJ8fmR6dmNfjwv3EjfjTicQOqW7+rMiJFmkAh4Ojs/llsLsQa9ZttmCrn3LOzYUXj/JDakiryTQw28rBHeIxKdZVkFLSQ/aM7atIeM+1/QqFkbsqmpJ9IDOm2w7eeOLFvg4Aiuv/JhPwsL3eE4UsmWL6Vw0Fxpmai/5HEb4W0iXCxX3roHcHrPJZ8blPFwHykT1CJup8+elLkrNfRohypTRzftx22Ve5B5ad2jk+TUv5iM7AAAAwQDxz15cwYLogFk+WhB2nRwsAJ+D26By12Jvi9qGRE/GVQ35FNERgZaTMkFZ8qC3iPQFU+Z+nuNSwLciZb3H8De1C08dprEb7cJC0SibEWn8/9K/cO2NkPVDhHoqwLVHgq+TU/xPvKj1L/hZuvYF9nWmkELV//zgs4WC/nrMzXMfmWS9yMZKGcDbabGxj7xtGHvmIrSznUQQfF8vCBbIYfmInBllyC5H+TWAPiBDojXsVmW6W/cPwJAALsK2WUfhkd0AAAAWdWJ1bnR1QGlwLTE3Mi0zMS0xMC04OQECAwQF

----END OPENSSH PRIVATE KEY-----

ubuntu@ip-172-31-10-89:~/.ssh\$ cat id rsa.pub

ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAABgQDY8ebusNrDk4fve9B7v74NJtYiyGM0DSu1SQ/NpFN0
Bj2aY36f8ElyiVtCZPyKMguLIqaNTCJ91If/6iCAs3p7n6iW6MjNzc+AaMwqPGVU2x0vK7WbodhyYq4L
SFdbw1wDqbsh6VrYLLSHcLrtC+UXVNnsGnqLbAnGuJn1G09fAIhFL2FWGHkiJD1m+jD3tLvn9Mave6jk
n5utW42PEybriU05BKt1CBDZqb6sGEm4UBeQe7N847Jk8+R+CWjTQKPtzUzJ9tnKCPbKudipxiWXEp1t
BkX+9XfK9LAG1+/IqN4TUx6xG3yBCVXZqw7ecFM/yjnhlWBJNWvOTPTdgUul7VfhAuhUK4LuMM+oyP0t
VvlHmAGMuDAwlA9c6ine9CowtXvKpEtMU0o2f8aL6AdBPMEy5uC/TX0Glrrf6j7NFWXkjhgzWHRoM7gd
OnqxGFEDwrEdVlTDJiqIsdTtvdLSgw7dz92pqSR+dWaC9kCeiJYBcNC/Pbgil55hmQd7108= ubuntu@
ip-172-31-10-89

ubuntu@ip-172-31-10-89:~/.ssh\$ cat authorized_keys

ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAABAQC8l6p0rVN5S2puTU1+iPvz0EEk375nEKOaNeFWONjy
YckUdufRLqa9lP0zIALyjULiBP61clNKLEehVlZV3dYN3abc2/+5Mu4t4aIJ2/hDP6gH0UerWNQLyQ9n
f6Lv0UnNP0XGOdMoDqZgM0+hpwsIgp/ZwnVD0Oa1t3sf0UQFU+sh03wHcmw4ppsRcGCcUPdTF6TI2xf1
Zhzwwyo3qrvB9o7JNtqWltuZnFPEYZ/0TUPHKELpFCMTO9oA/oB0zaFDwY7iXIojOcYj/4le7/f5G3RD
poRKl++GKvIh7myMbY3oCM7MlZhivB4y3/yoTRvPrR3WUtilAzItlkabAX1T Ubuntu20

X

File Edit View Search Terminal Help

RKJ8fmR6dmNfjwv3EjfjTicQOqW7+rMiJFmkAh4Ojs/llsLsQa9ZttmCrn3LOzYUXj/JDakiryTQw28rBHeIxKdZVkFLSQ/aM7atIeM+1/QqFkbsqmpJ9IDOm2w7eeOLFvg4Aiuv/JhPwsL3eE4UsmWL6Vw0Fxpmai/5HEb4W0iXCxX3roHcHrPJZ8blPFwHykT1CJup8+elLkrNfRohypTRzftx22Ve5B5ad2jk+TUv5iM7AAAAwQDxz15cwYLogFk+WhB2nRwsAJ+D26By12Jvi9qGRE/GVQ35FNERgZaTMkFZ8qC3iPQFU+Z+nuNSwLciZb3H8De1C08dprEb7cJC0SibEWn8/9K/cO2NkPVDhHoqwLVHgq+TU/xPvKj1L/hZuvYF9nWmkELV//zgs4WC/nrMzXMfmWS9yMZKGcDbabGxj7xtGHvmIrSznUQQfF8vCBbIYfmInBllyC5H+TWAPiBDojXsVmW6W/cPwJAALsK2WUfhkd0AAAAWdWJ1bnR1QGlwLTE3Mi0zMS0xMC04OQECAwQF

----END OPENSSH PRIVATE KEY----

ubuntu@ip-172-31-10-89:~/.ssh\$ cat id rsa.pub

ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAABgQDY8ebusNrDk4fve9B7v74NJtYiyGM0DSu1SQ/NpFN0
Bj2aY36f8ElyiVtCZPyKMguLIqaNTCJ91If/6iCAs3p7n6iW6MjNzc+AaMwqPGVU2x0vK7WbodhyYq4L
SFdbw1wDqbsh6VrYLLSHcLrtC+UXVNnsGnqLbAnGuJn1G09fAIhFL2FWGHkiJD1m+jD3tLvn9Mave6jk
n5utW42PEybriU05BKt1CBDZqb6sGEm4UBeQe7N847Jk8+R+CWjTQKPtzUzJ9tnKCPbKudipxiWXEp1t
BkX+9XfK9LAG1+/IqN4TUx6xG3yBCVXZqw7ecFM/yjnhlWBJNWvOTPTdgUul7VfhAuhUK4LuMM+oyP0t
VvlHmAGMuDAwlA9c6ine9CowtXvKpEtMU0o2f8aL6AdBPMEy5uC/TX0Glrrf6j7NFWXkjhgzWHRoM7gd
OnqxGFEDwrEdVlTDJiqIsdTtvdLSgw7dz92pqSR+dWaC9kCeiJYBcNC/Pbgil55hmQd7108= ubuntu@
ip-172-31-10-89

ubuntu@ip-172-31-10-89:~/.ssh\$ cat authorized_keys

ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAABAQC8l6p0rVN5S2puTU1+iPvz0EEk375nEKOaNeFWONjy
YckUdufRLqa9lP0zIALyjULiBP61clNKLEehVlZV3dYN3abc2/+5Mu4t4aIJ2/hDP6gH0UerWNQLyQ9n
f6Lv0UnNP0XGOdMoDqZgM0+hpwsIgp/ZwnVD0Oa1t3sf0UQFU+sh03wHcmw4ppsRcGCcUPdTF6TI2xf1
Zhzwwyo3qrvB9o7JNtqWltuZnFPEYZ/0TUPHKELpFCMTO9oA/oB0zaFDwY7iXIojOcYj/4le7/f5G3RD
poRKl++GKvIh7myMbY3oCM7MlZhivB4y3/yoTRvPrR3WUtilAzItlkabAX1T Ubuntu20

File Edit View Search Terminal Help

n5utW42PEybriU05BKt1CBDZqb6sGEm4UBeQe7N847Jk8+R+CWjTQKPtzUzJ9tnKCPbKudipxiWXEp1t BkX+9XfK9LAG1+/IqN4TUx6xG3yBCVXZqw7ecFM/yjnhlWBJNWvOTPTdgUul7VfhAuhUK4LuMM+oyP0t VvlHmAGMuDAwlA9c6ine9CowtXvKpEtMUOo2f8aL6AdBPMEy5uC/TX0Glrrf6j7NFWXkjhgzWHRoM7gd OnqxGFEDwrEdVlTDJiqIsdTtvdLSgw7dz92pqSR+dWaC9kCeiJYBcNC/Pbgil55hmQd7108= ubuntu@ ip-172-31-10-89

ubuntu@ip-172-31-10-89:~/.ssh\$ ssh localhost

Welcome to Ubuntu 22.04.1 LTS (GNU/Linux 5.15.0-1028-aws x86 64)

* Documentation: https://help.ubuntu.com

* Management: https://landscape.canonical.com * Support: https://ubuntu.com/advantage

System information as of Mon Sep 25 10:37:58 UTC 2023

System load: 0.0390625 Processes: 263
Usage of /: 65.1% of 38.58GB Users logged in: 0

Memory usage: 43% IPv4 address for docker0: 172.17.0.1 Swap usage: 0% IPv4 address for ens5: 172.31.10.89

=> There is 1 zombie process.

* Ubuntu Pro delivers the most comprehensive open source security and

```
Get:9 http://security.ubuntu.com/ubuntu jammy-security InRelease [110 kB]
Hit:10 https://ppa.launchpadcontent.net/mmk2410/intellij-idea/ubuntu jammy InRel
ease
Hit:11 https://repo.mongodb.org/apt/ubuntu jammy/mongodb-org/6.0 Release
Get:12 http://packages.microsoft.com/repos/code stable/main armhf Packages [80.8]
kB]
Get:14 https://dl.google.com/linux/chrome/deb stable/main amd64 Packages [1081 B
Get:15 http://packages.microsoft.com/repos/code stable/main amd64 Packages [79.8]
kB]
Get:16 http://packages.microsoft.com/repos/code stable/main arm64 Packages [80.4]
Hit:13 https://packagecloud.io/rabbitmg/rabbitmg-server/ubuntu bionic InRelease
Hit:17 https://packagecloud.io/rabbitmq/rabbitmq-server/ubuntu jammy InRelease
Hit:19 https://packagecloud.io/slacktechnologies/slack/debian jessie InRelease
Fetched 585 kB in 4s (142 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
493 packages can be upgraded. Run 'apt list --upgradable' to see them.
W: https://packagecloud.io/slacktechnologies/slack/debian/dists/jessie/InRelease
: Key is stored in legacy trusted.gpg keyring (/etc/apt/trusted.gpg), see the DE
PRECATION section in apt-key(8) for details.
ubuntu@ip-172-31-10-89:~$
```