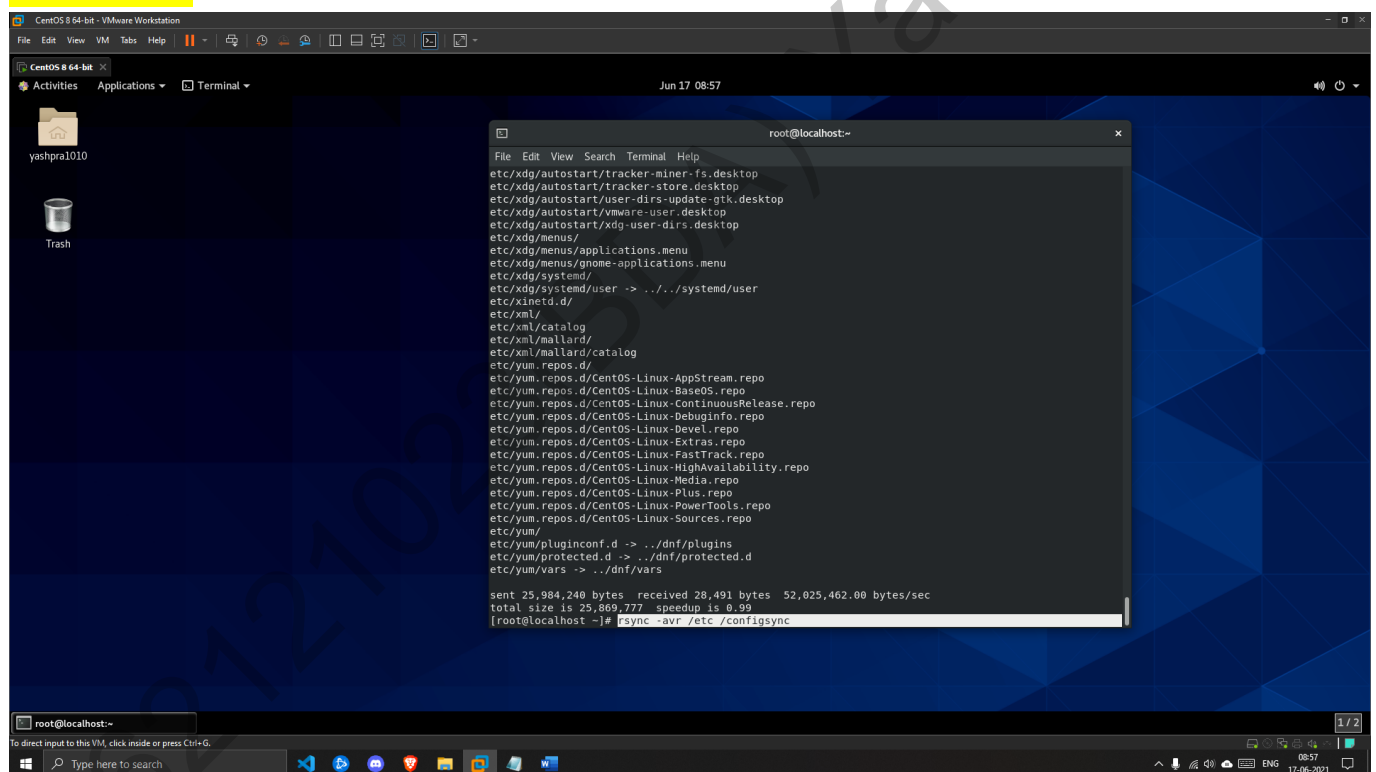


PRACTICAL-11

Commands:

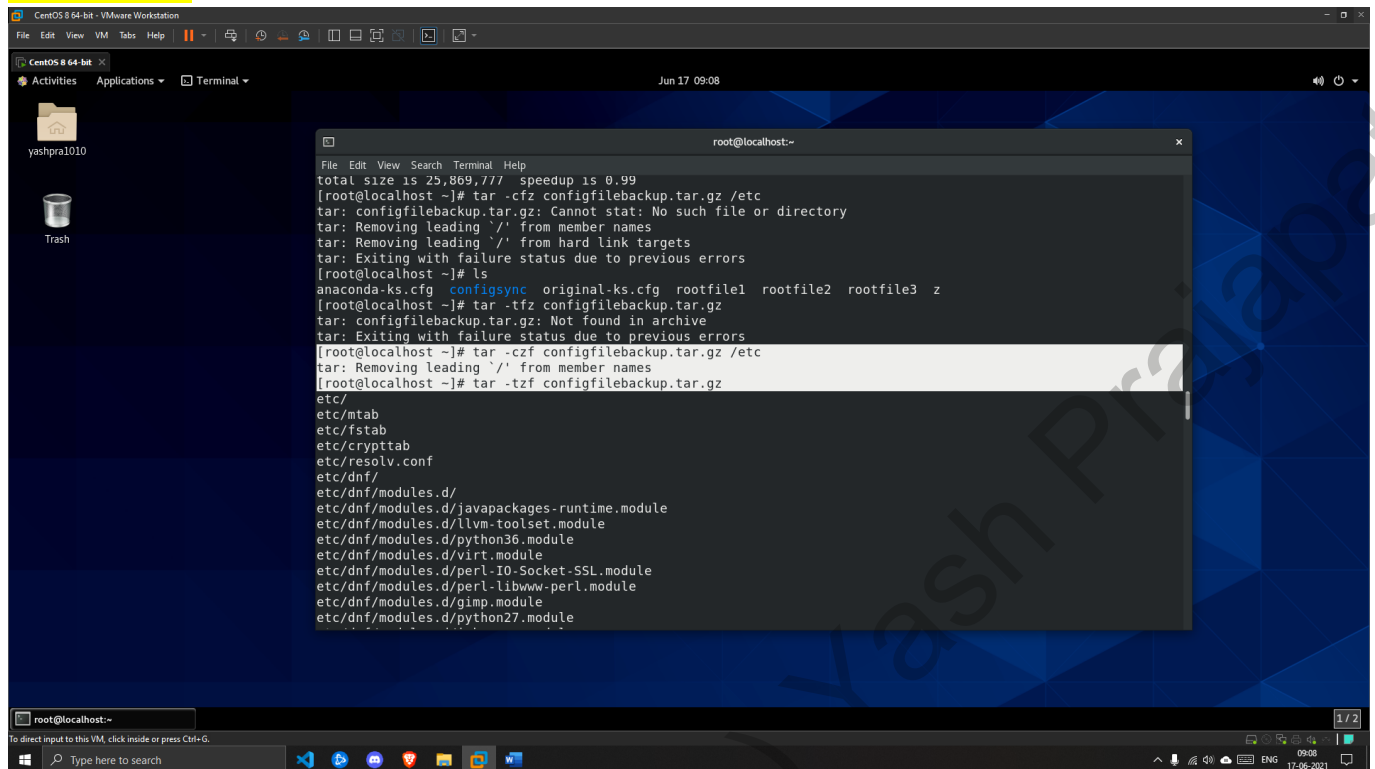
- ### Exercise:

SOLUTION



2. Use gzip compression to create an archive named **configfilebackup.tar.gz** with the contents of the **/etc** directory.

SOLUTION

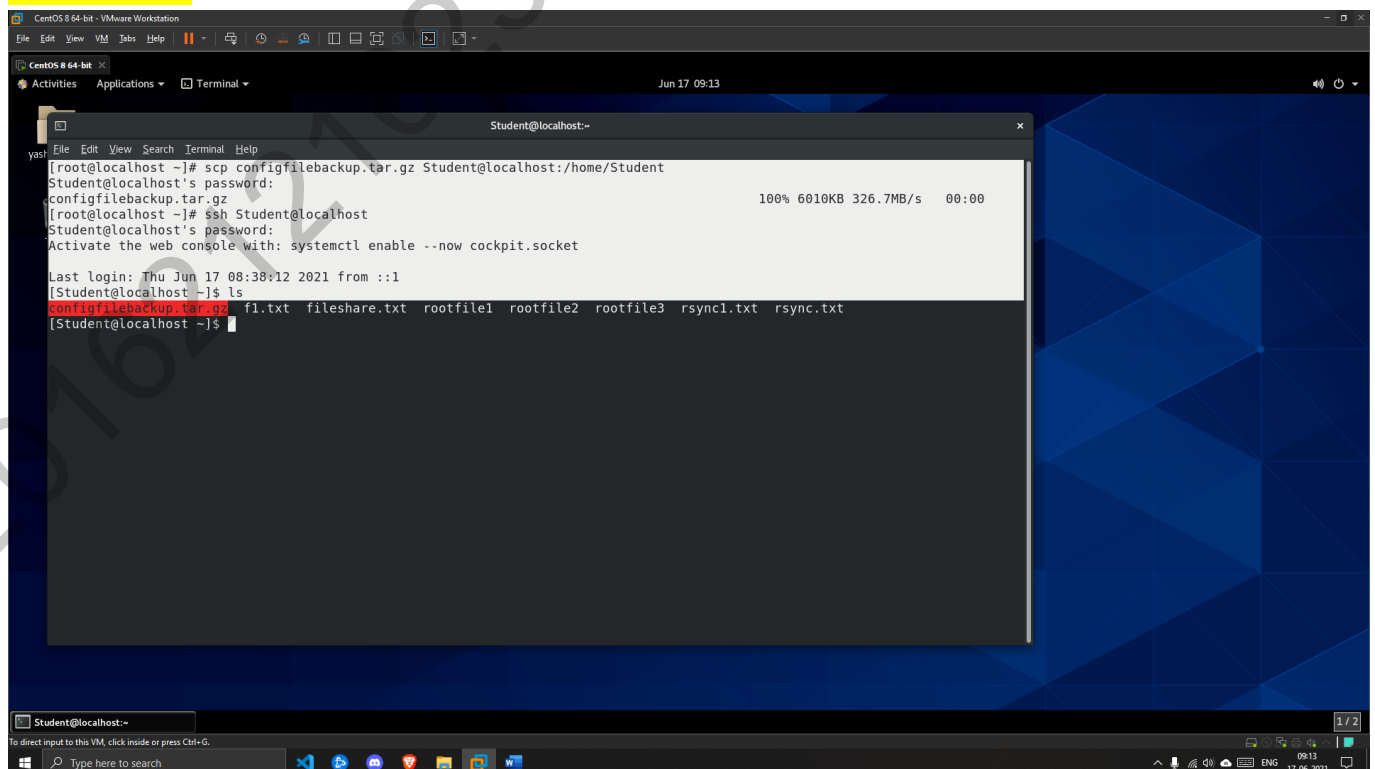


```

root@localhost:~# tar -cfz configfilebackup.tar.gz /etc
tar: configfilebackup.tar.gz: Cannot stat: No such file or directory
tar: Removing leading '/' from member names
tar: Removing leading '/' from hard link targets
tar: Exiting with failure status due to previous errors
[root@localhost ~]# ls
anaconda-ks.cfg  configsync  original-ks.cfg  rootfile1  rootfile2  rootfile3  z
[root@localhost ~]# tar -tfz configfilebackup.tar.gz
tar: configfilebackup.tar.gz: Not found in archive
tar: Exiting with failure status due to previous errors
[root@localhost ~]# tar -czf configfilebackup.tar.gz /etc
tar: Removing leading '/' from member names
[root@localhost ~]# tar -tzf configfilebackup.tar.gz
etc/
etc/mtab
etc/fstab
etc/crypttab
etc/resolv.conf
etc/dnf/
etc/dnf/modules.d/
etc/dnf/modules.d/javapackages-runtime.module
etc/dnf/modules.d/llvm-toolset.module
etc/dnf/modules.d/python36.module
etc/dnf/modules.d/virt.module
etc/dnf/modules.d/perl-IO-Socket-SSL.module
etc/dnf/modules.d/perl-libwww-perl.module
etc/dnf/modules.d/gimp.module
etc/dnf/modules.d/python27.module
  
```

3. Securely copy the **/root/configfilebackup.tar.gz** archive file from localhost to the **/home/student** directory on localhost as the student user using student as the password.

SOLUTION



```

Student@localhost:~# scp configfilebackup.tar.gz Student@localhost:/home/Student
Student@localhost's password:
configfilebackup.tar.gz                                100% 6010KB 326.7MB/s   00:00
[root@localhost ~]# ssh Student@localhost
Student@localhost's password:
Activate the web console with: systemctl enable --now cockpit.socket

Last login: Thu Jun 17 08:38:12 2021 from ::1
[Student@localhost ~]$ ls
configfilebackup.tar.gz  f1.txt  fileshare.txt  rootfile1  rootfile2  rootfile3  rsync1.txt  rsync.txt
[Student@localhost ~]$
  
```

4. On localhost, extract the contents of the **/home/student/configfilebackup.tar.gz** archive to the **/tmp/savedconfig/** directory.

SOLUTION

```

CentOS 8 64-bit - VMware Workstation
Jun 17 09:24
Student@localhost:~/tmp/savedconfig

[root@localhost ~]# scp configfilebackup.tar.gz Student@localhost:/home/Student
Student@localhost's password:
configfilebackup.tar.gz
100% 6010KB 326.7MB/s 00:00
[root@localhost ~]# ssh Student@localhost
Student@localhost's password:
Activate the web console with: systemctl enable --now cockpit.socket

Last login: Thu Jun 17 08:38:12 2021 from ::1
[Student@localhost ~]$ ls
configfilebackup.tar.gz  fl.txt  fileshare.txt  rootfile1  rootfile2  rootfile3  rsync1.txt  rsync.txt
[Student@localhost ~]$ mkdir tmp/savedconfig
mkdir: cannot create directory 'tmp/savedconfig': No such file or directory
[Student@localhost ~]$ mkdir tmp
[Student@localhost ~]$ cd tmp
[Student@localhost tmp]$ mkdir savedconfig
[Student@localhost tmp]$ cd savedconfig/
[Student@localhost savedconfig]$ tar -xzf ~/configfilebackup.tar.gz
[Student@localhost savedconfig]$ ls
etc
[Student@localhost savedconfig]$
  
```

5. On localhost return to the student home directory.
[student@localhost savedconfig]\$ cd

SOLUTION

```

CentOS 8 64-bit - VMware Workstation
Jun 17 09:24
Student@localhost:~

[root@localhost ~]# scp configfilebackup.tar.gz Student@localhost:/home/Student
Student@localhost's password:
configfilebackup.tar.gz
100% 6010KB 326.7MB/s 00:00
[root@localhost ~]# ssh Student@localhost
Student@localhost's password:
Activate the web console with: systemctl enable --now cockpit.socket

Last login: Thu Jun 17 08:38:12 2021 from ::1
[Student@localhost ~]$ ls
configfilebackup.tar.gz  fl.txt  fileshare.txt  rootfile1  rootfile2  rootfile3  rsync1.txt  rsync.txt
[Student@localhost ~]$ mkdir tmp/savedconfig
mkdir: cannot create directory 'tmp/savedconfig': No such file or directory
[Student@localhost ~]$ mkdir tmp
[Student@localhost ~]$ cd tmp
[Student@localhost tmp]$ mkdir savedconfig
[Student@localhost tmp]$ cd savedconfig/
[Student@localhost savedconfig]$ tar -xzf ~/configfilebackup.tar.gz
[Student@localhost savedconfig]$ ls
etc
[Student@localhost savedconfig]$ cd
[Student@localhost ~]$ pwd
/home/Student
[Student@localhost ~]$
  
```