Institute of Computer Technology B. Tech Computer Science and Engineering

Subject: BOSS (2CSE204)

PRACTICAL-12

AIM: - To learn about accessing linux file systems.

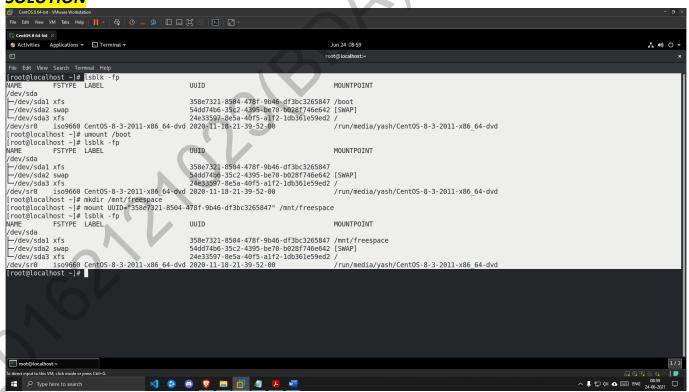
Commands:

- **Isblk** to see the disk partitions
- du for seeing file sizes of currect working directory
- mount to create a mount point of partitions
- umount to remove mount point from partitions
- updatedb to update the database for using locate command.
- locate works on pre generated database for searching files/directories.
- find works runtime for searching files/directories.

Exercise:

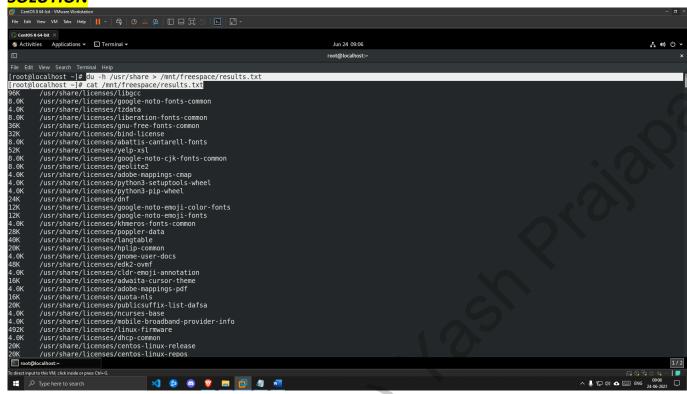
1. On localhost as root, identify the UUID for /dev/sda1 and mount /dev/sda1 by its UUID on the /mnt/freespace directory.

SOLUTION



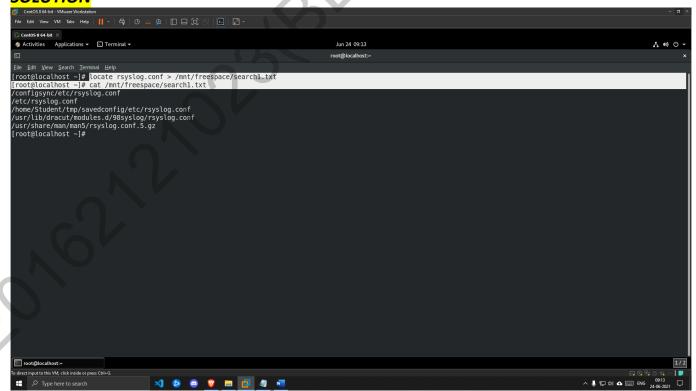
2. Generate a disk usage report of the /usr/share directory, and save the result in the /mnt/freespace/results.txt file.

SOLUTION



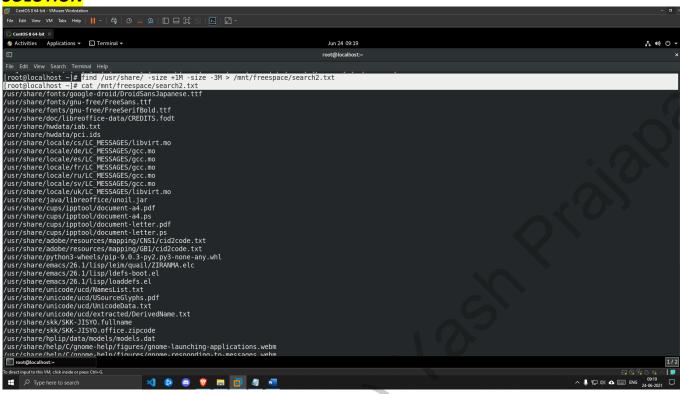
3. Use the locate command to find all rsyslog.conf configuration files and store the result in the /mnt/freespace/search1.txt file.

SOLUTION



4. Store the search result of all files in the /usr/share directory that is greater than 1 MB and less than 3 MB in the /mnt/freespace/search2.txt file.

SOLUTION



5. Exit from root.

SOLUTION

