Institute of Computer Technology

B. Tech Computer Science and Engineering Subject: BOSS (2CSE204)

PRACTICAL-10

AIM: - To learn about managing network in linux.

Commands:

- nmcli This command is used for controlling network manager.
- hostnamectl It is used for the administration of separate hosts on single system

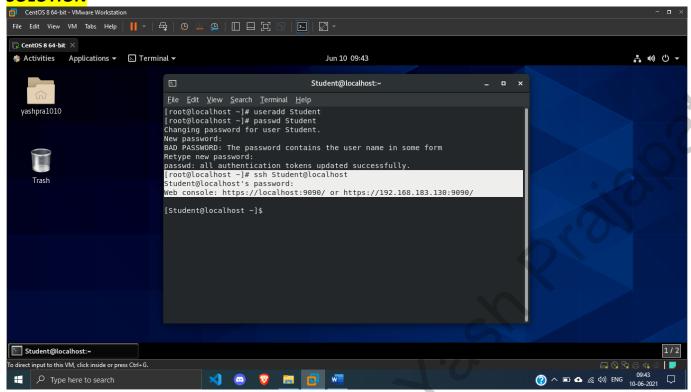
Exercise:

1. Creare new user Student. Set password "student123".

(?) ^ ■ **△** (€ (1)) ENG 10-06-202:

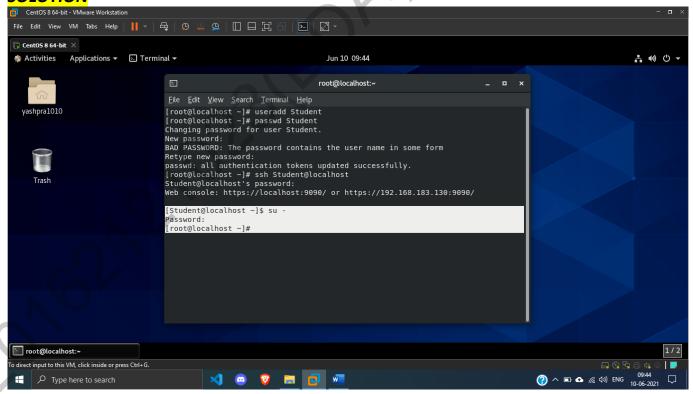
2. Use the ssh command to log in to localhost as the Student user.

SOLUTION



3. Switch to the root user.

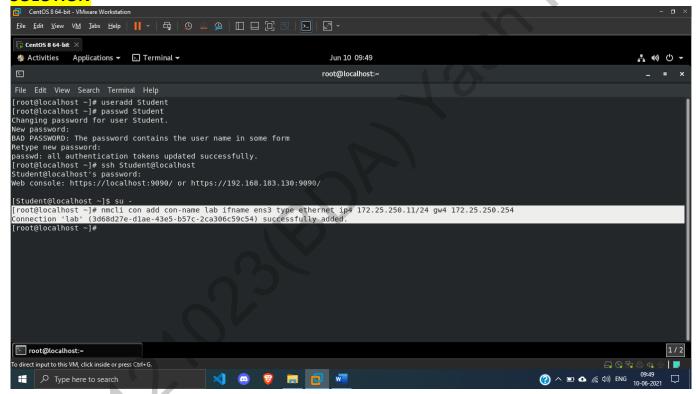
SOLUTION

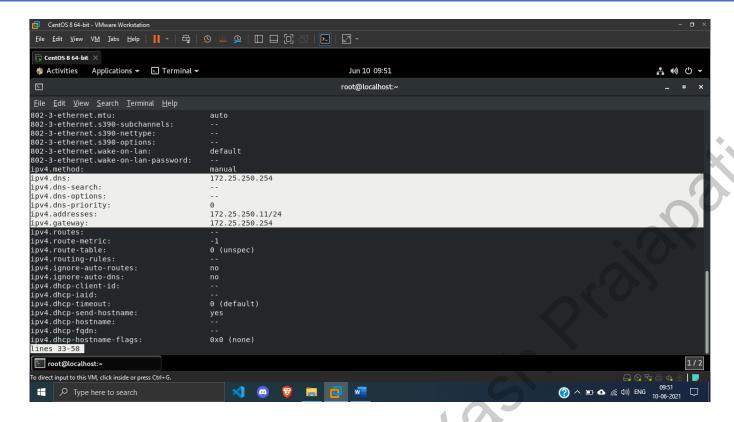


4. Create a new connection with a static network connection using the settings in the table.

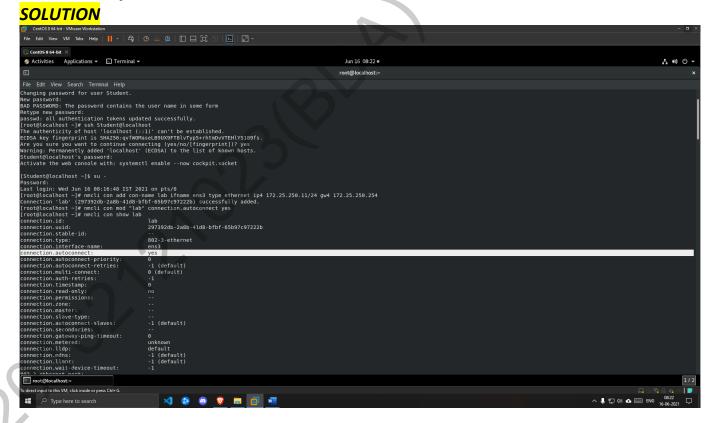
PARAMETER	SETTING
Connection name	lab
Interface name	ens3 (might vary, use the interface that has 52:54:00:00:fa:0b as its MAC address)
IP address	172.25.250.11/24
Gateway address	172.25.250.254
DNS address	172.25.250.254

SOLUTION



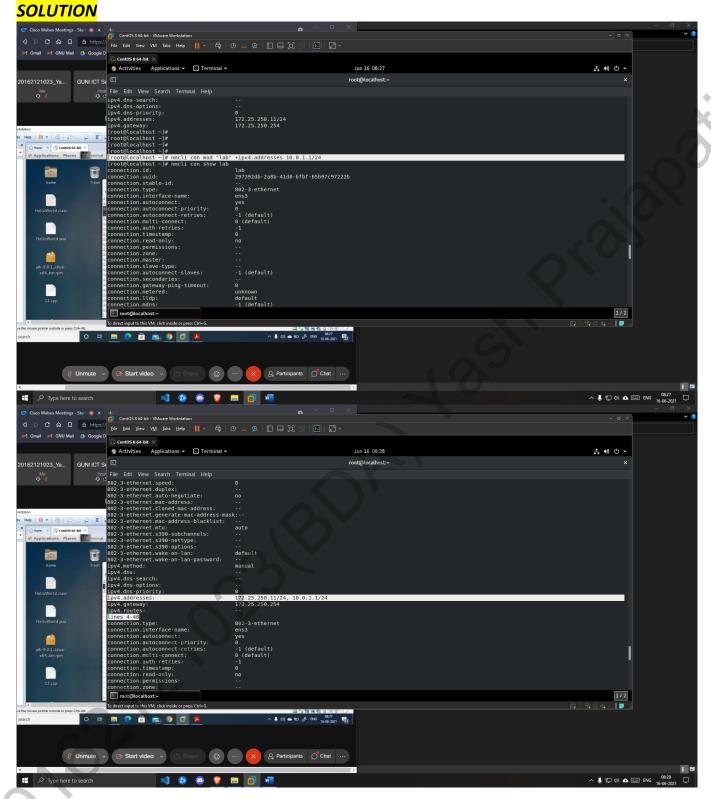


5. Configure the new connection to be autostarted. Other connections should not start automatically.



RAJAPATI YASH P (20162121023) PRACTICAL-10

6. Modify the new connection so that it also uses the address 10.0.1.1/24.



APATI YASH P (20162121023) PRACTICAL-10

7. Configure the hosts file so that 10.0.1.1 can be referenced as private.

SOLUTION

