Institute of Computer Technology

B. Tech Computer Science and Engineering

Subject: BOSS (2CSE204)

**PRACTICAL-10**

**AIM: - To learn about managing network in linux.**

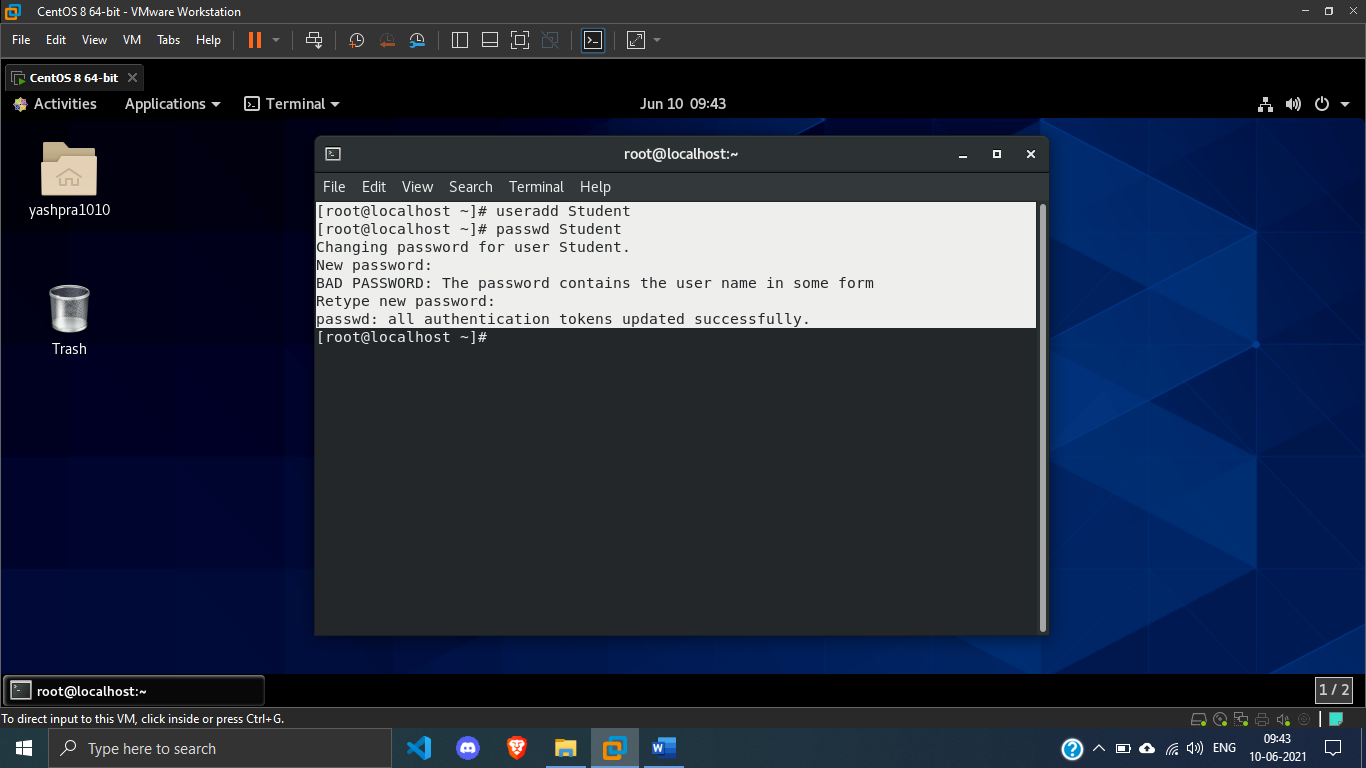
**Commands:**

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

**Exercise:**

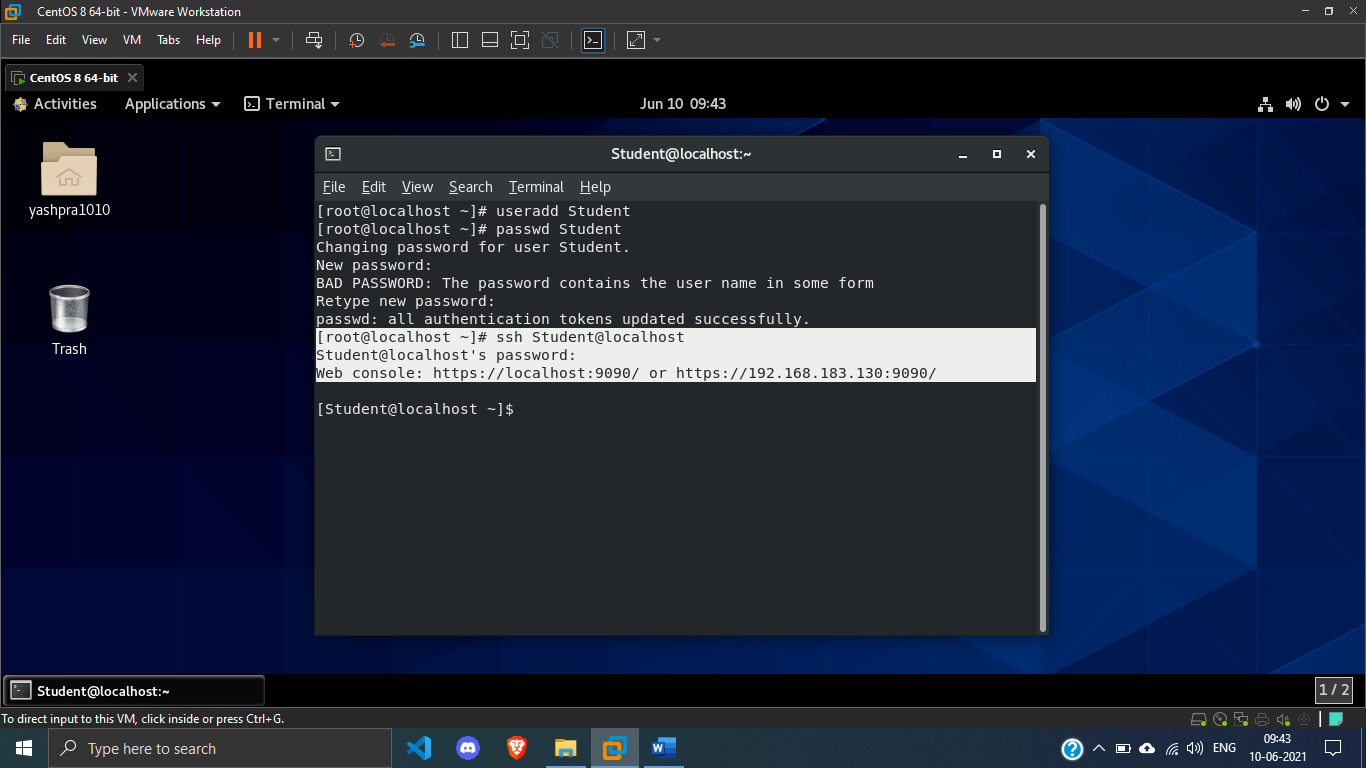
**1. Creare new user Student. Set password “student123”.**

***SOLUTION***



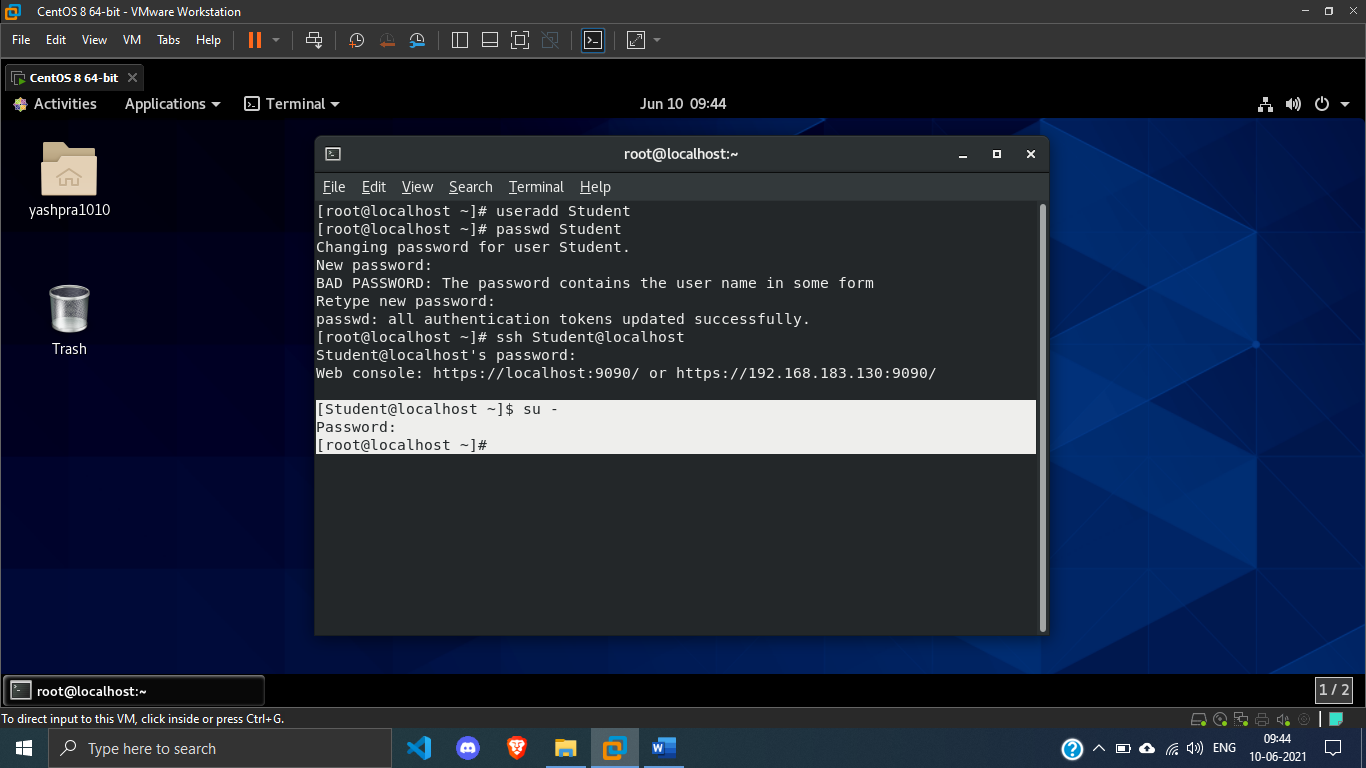
**2. Use the ssh command to log in to localhost as the Student user.**

***SOLUTION***



**3. Switch to the root user.**

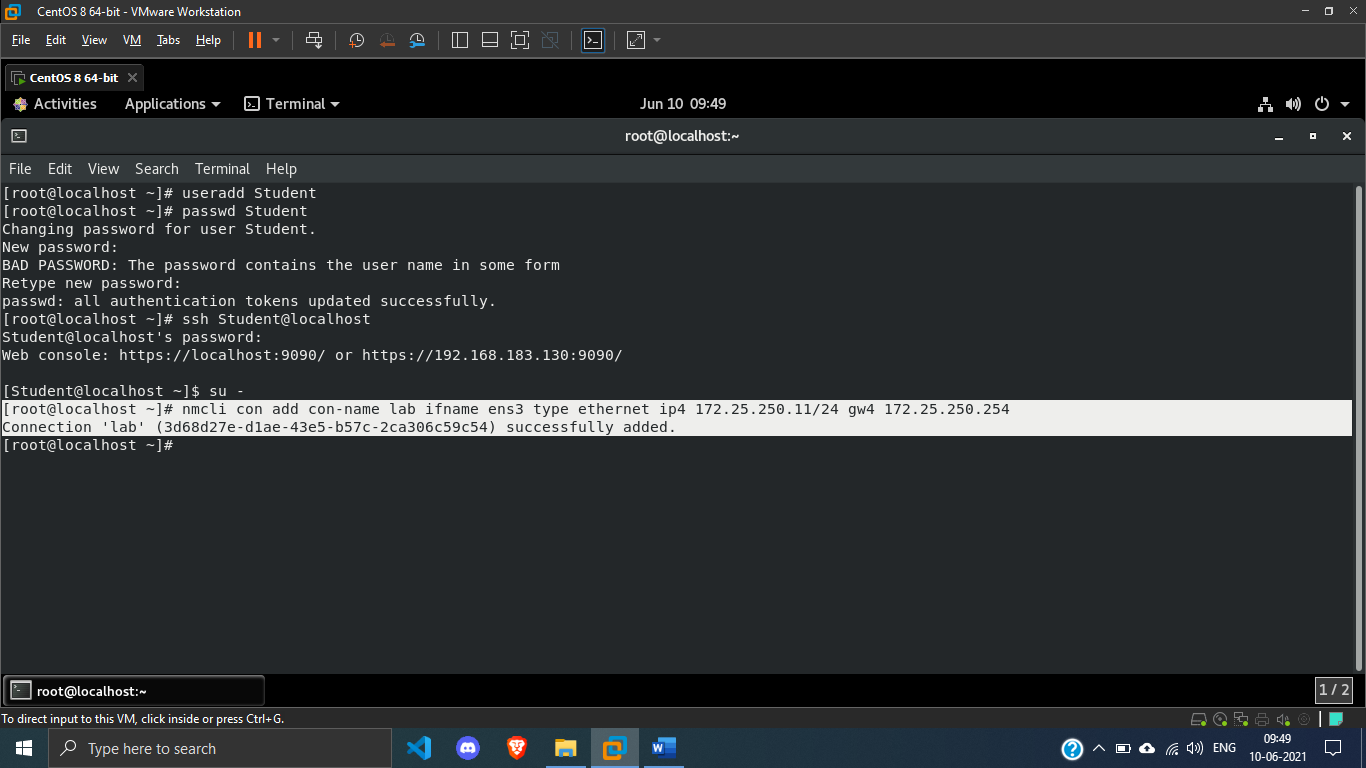
***SOLUTION***

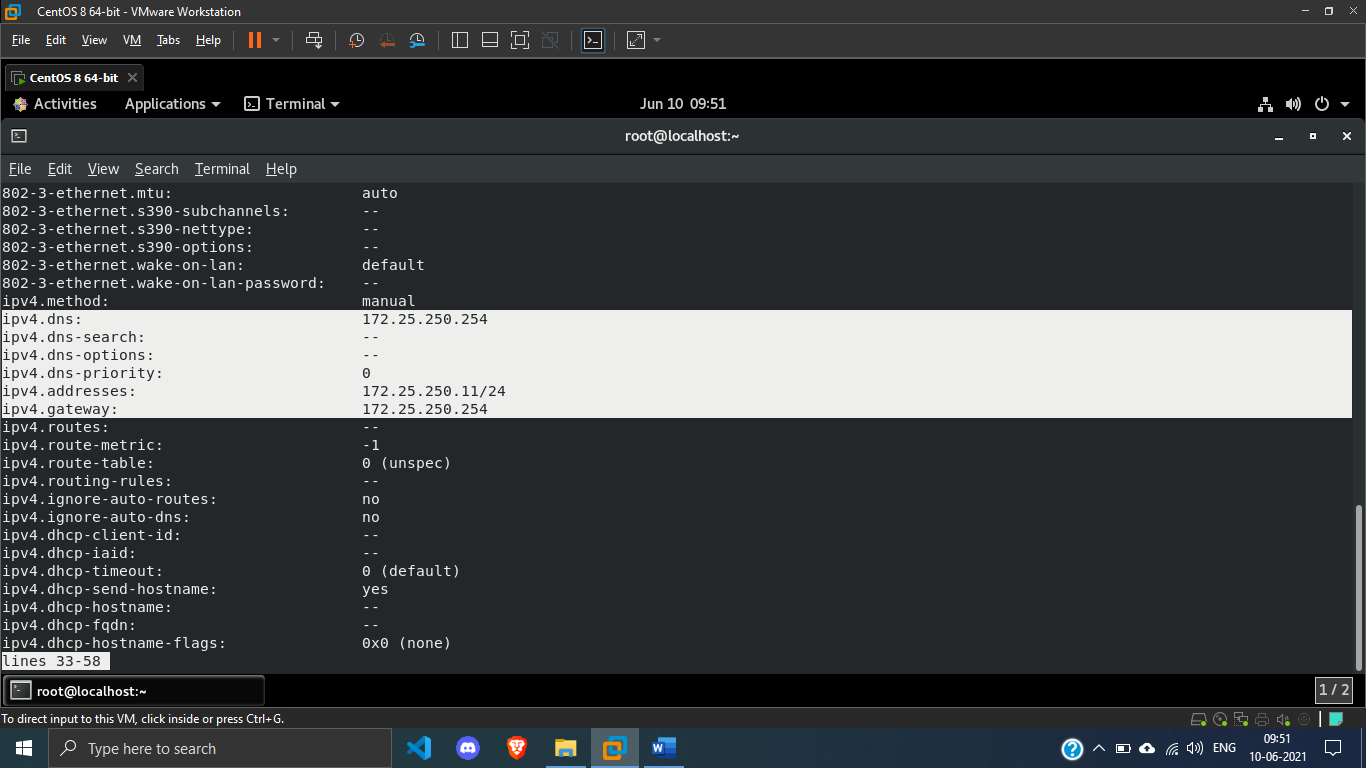


**4. Create a new connection with a static network connection using the settings in the table.**

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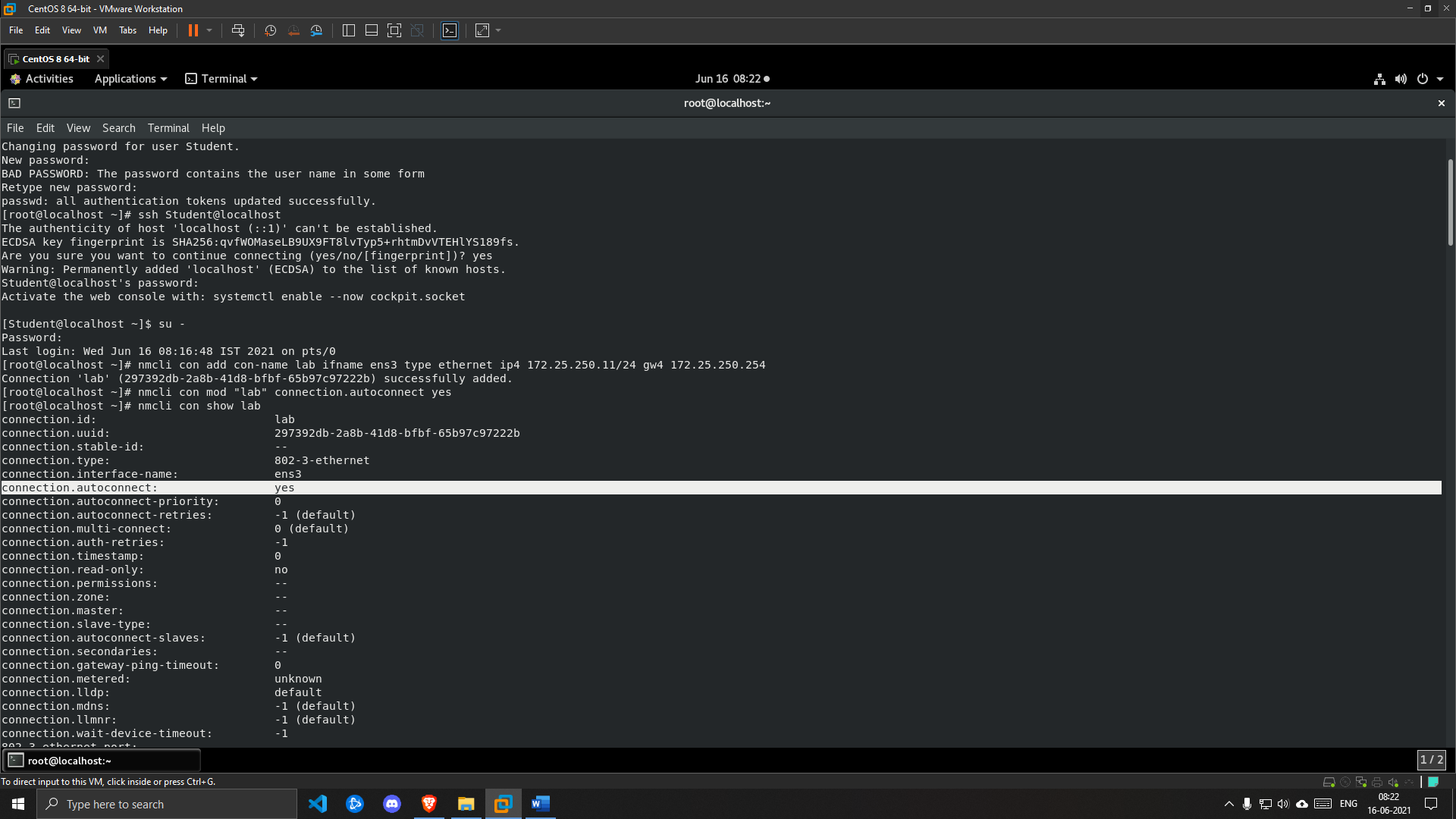
***SOLUTION***





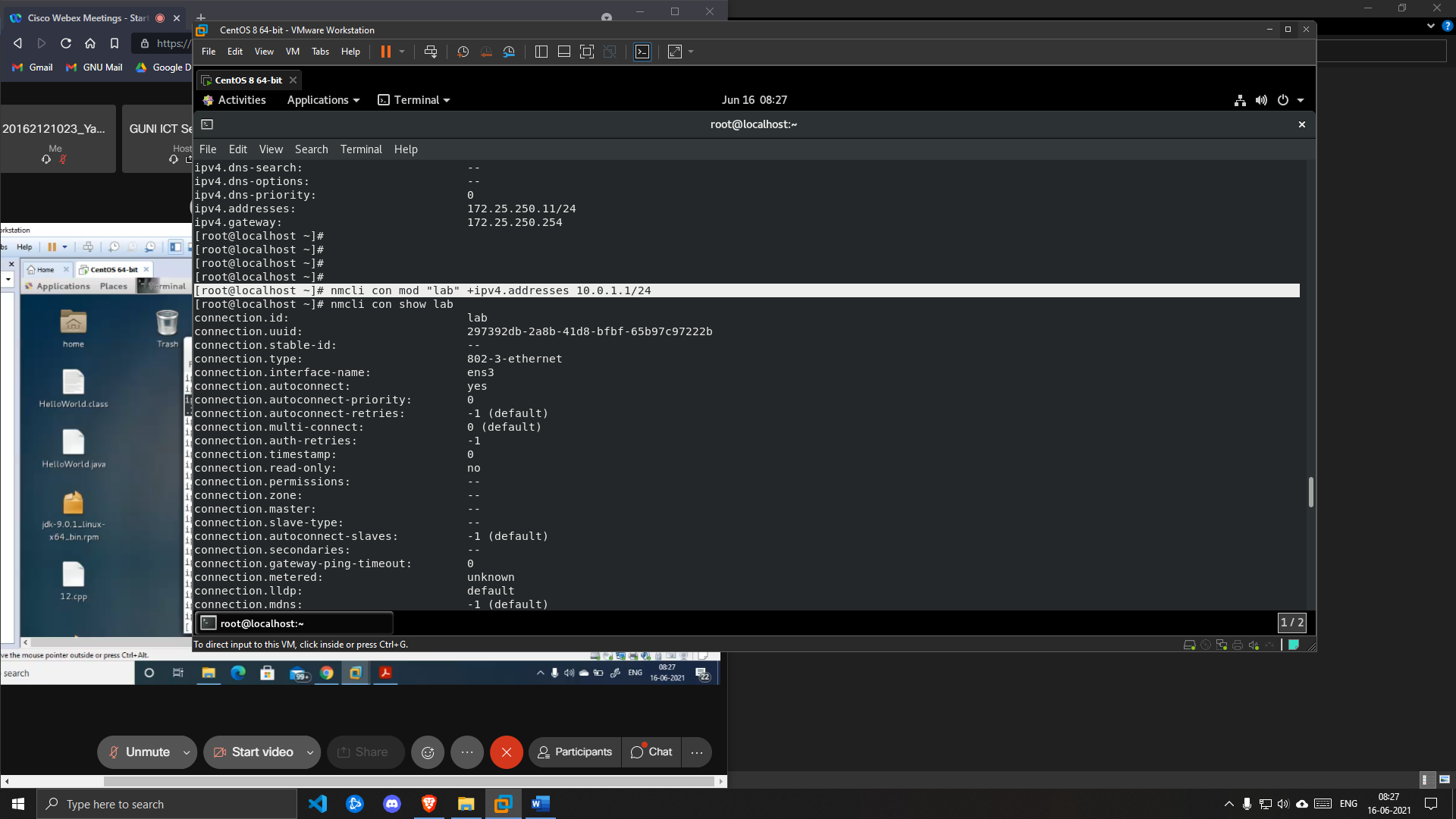
**5. Configure the new connection to be autostarted. Other connections should not start automatically.**

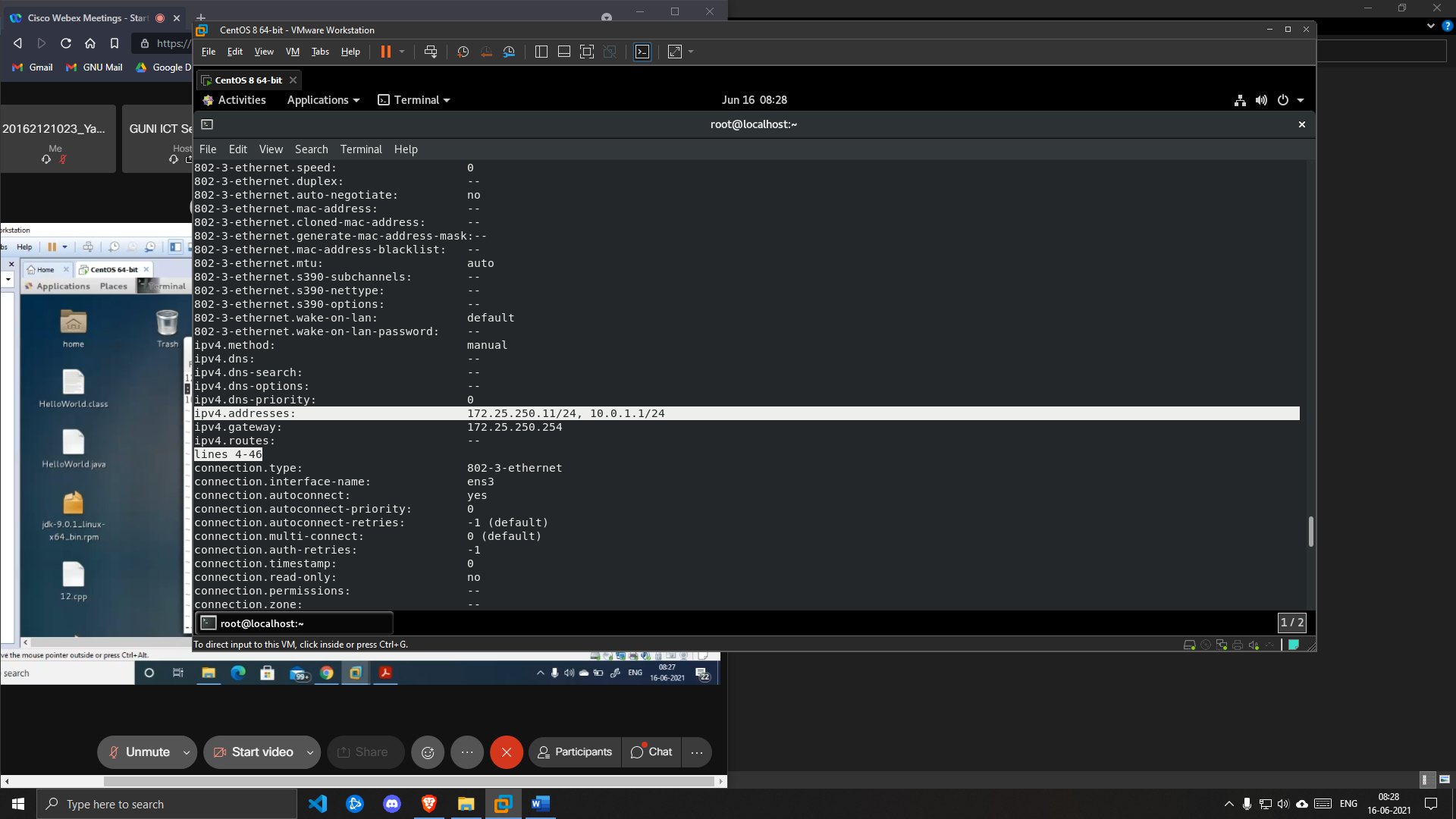
***SOLUTION***



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

***SOLUTION***





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

***SOLUTION***

