Institute of Computer Technology B. Tech Computer Science and Engineering

Subject: BOSS (2CSE204)

PRACTICAL-8

AIM: - To learn about configuring and securing SSH in linux.

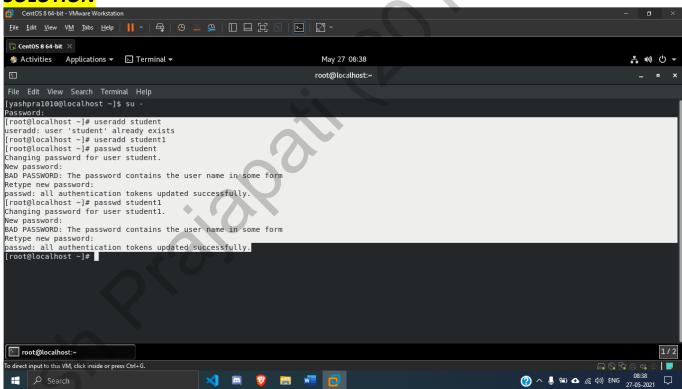
Commands:

- ssh user@remotehost This command is used to create remote connections on remote users.
- ssh-keygen To create public keygen of localhost.
- ssh-copy-id To share public keygen to remote user.

Exercise:

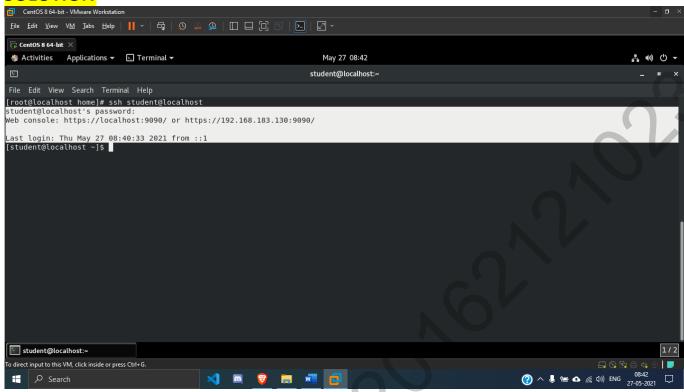
1. Create two users student and student1. Set their passwords "student123".

SOLUTION



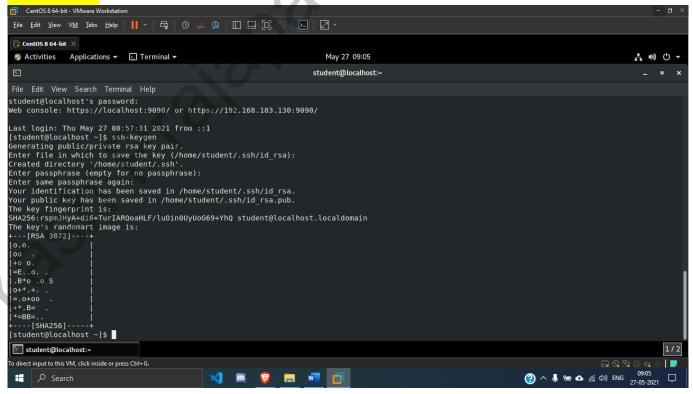
2. Open an SSH session to localhost as student.

SOLUTION



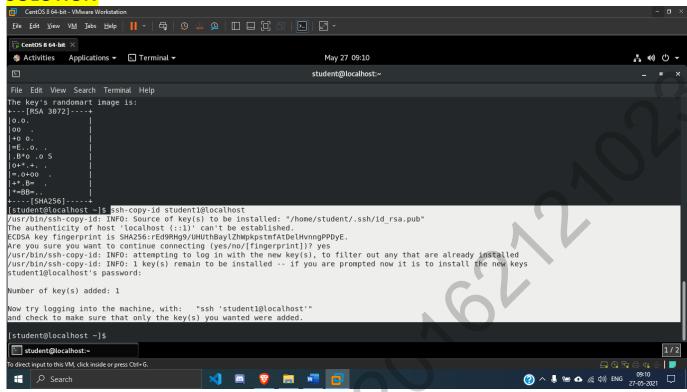
3. Use the ssh-keygen command to generate SSH keys for student on localhost.

SOLUTION



4. Use the ssh-copy-id command to send the public key of the SSH key pair to student1 on localhost.

SOLUTION



5. Confirm that student can successfully log in to student1 using the SSH keys.

SOLUTION

