**Ganpat University**

**Faculty of Engineering & Technology**

**Computer Science & Engineering**

**(2CSE204) Basics of Operating System and Shell Scripting**

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***Sem:- 2***

***Sub: - BOSS***

***Enrollment No.:- 23162121027***

***Prac:- 9***

***Date:- 14/4/2024***

**Practical 9**

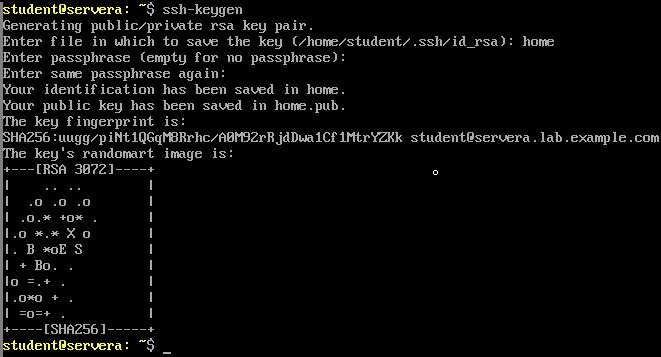
1. Configure one machine (servera) in such a way that if the public key of a remote user is modified then login is restricted.

***Command:-***

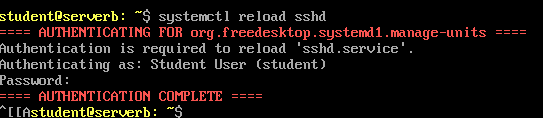
**In servera:-**

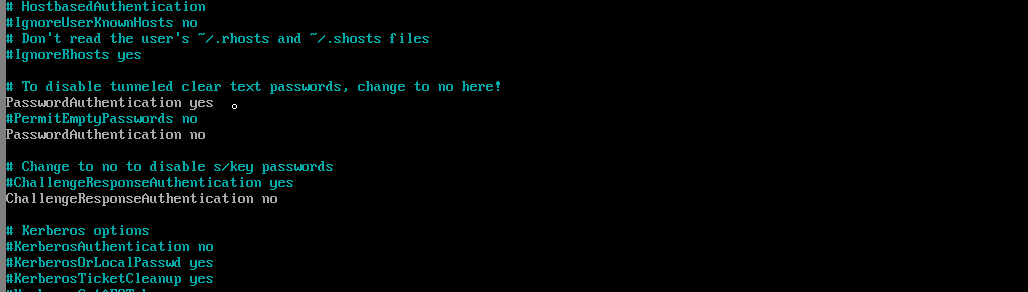
ssh-keygen (Phase: dwij)

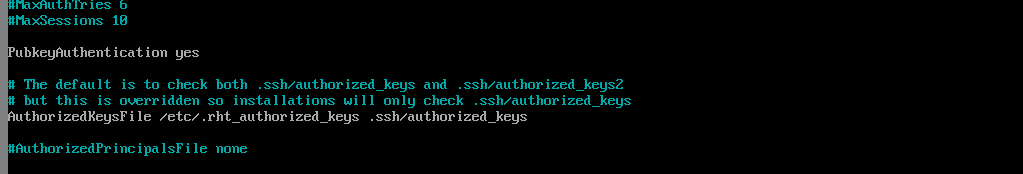
***Image:-***

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**Now in serverb:-**

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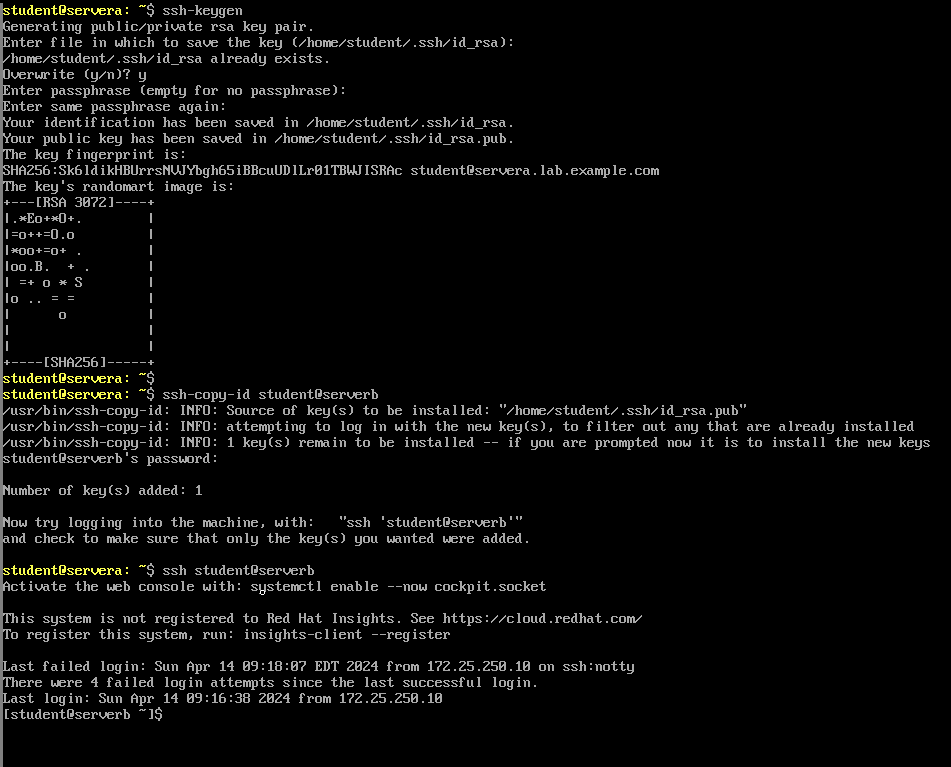
1. Enable password-less authentication for the user to access remote server.

***Command:-***

**In servera:-**

1. ssh-keygen
2. ssh-copy-id student@serverb
3. ssh student@serverb

***Image:-***

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1. On serverb, restrict root login to any system.

***Command:-***

**In servera:-**

ssh root@serverb

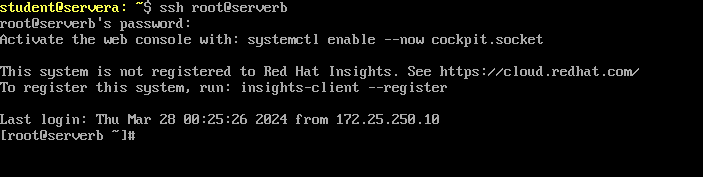
**In serverb:-**

nano /etc/ssh/sshd\_config

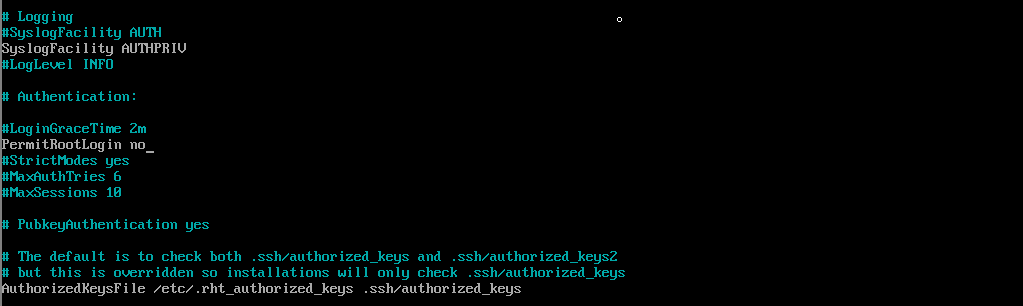
systemctl reload sshd

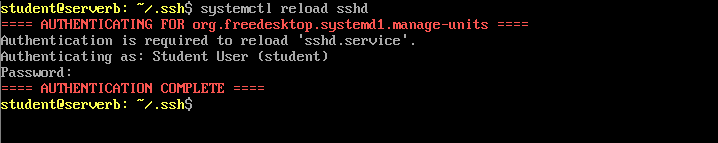
PermitRootLogin no (edit this in known\_hosts)

***Image:-***

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**Now in serverb:-**

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