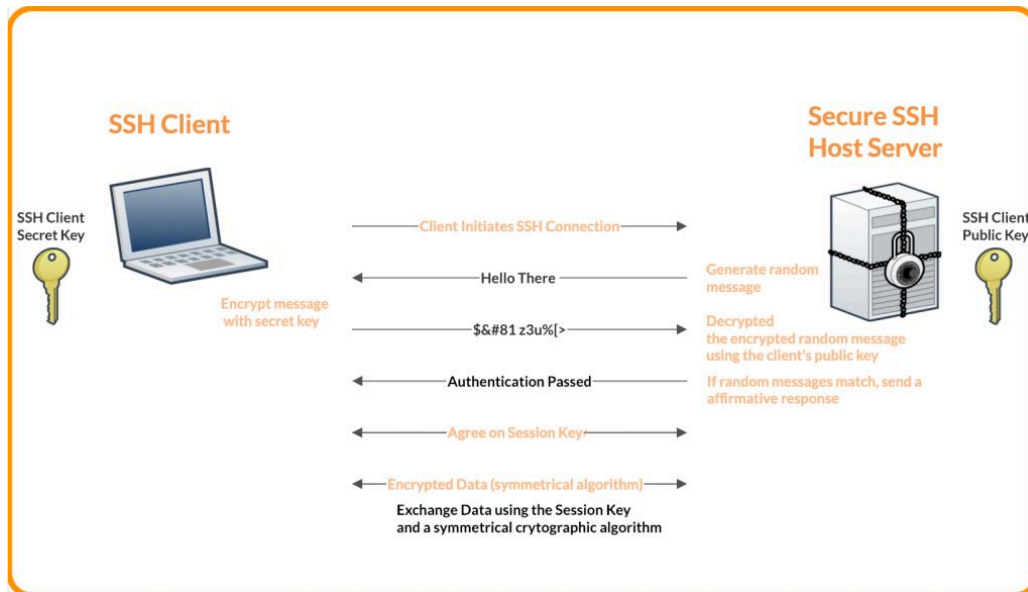


## Troubleshooting common SSH errors



```
ssh -i ~/Downloads/typeYourKeyName.pem ec2-user@11.22.33.typePublicIpOfYourEc2
```

```
ssh ec2-user@11.22.33.typePublicIpOfYourEc2 -i ~/Downloads/typeYourKeyName.pem
```

```
~ ssh -i ~/tentech/keys/virginia.pem ec2-user@44.203.251.250
@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
@ WARNING: UNPROTECTED PRIVATE KEY FILE! @
@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
Permissions 0755 for '/Users/russgazin/tentech/keys/virginia.pem' are too open.
It is required that your private key files are NOT accessible by others.
This private key will be ignored.
Load key "/Users/russgazin/tentech/keys/virginia.pem": bad permissions
ec2-user@44.203.251.250: Permission denied (publickey,gssapi-keyex,gssapi-with-mic).
~ |
```

**\*\* ERROR: Permission denied.**

**REASON:** your private key example.pem has permissions open for group and others. SSH treats this key as unprotected(or unsafe) because someone else besides you has access and could've modified it.

**SOLUTION:** run command `chmod 400 ~/Downloads/typeYourKeyNameHere` to set only read permission for yourself and none for group and others. Try to SSH again.