

**the steps you'd take to connect to your cloud instance from a remote machine (including the SSH process)**

- .Obtain the IP address or hostname of the cloud instance
- .Make sure that my cloud instance has an SSH server installed and running
- .Open a terminal or command prompt on my local machine

Use the ssh command to connect to the remote machine. The syntax of the command is as follows

ssh [user]@[hostname or IP address]

For example, if my username is menna and the IP address of the cloud instance is 123.45.67.89, the command would look like this:

ssh menna@123.45.67.89

If this is the first time for connecting to the remote machine, there will be a warning message about the authenticity of the host. Verify that the fingerprint matches before proceeding

.If prompted, enter the password for the username that i specified in step 4

Once i connected to the remote machine, i can use the terminal to run commands just as i want on my local machine

Depending on cloud service provider and configuration, i may need to configure firewall rules or security groups to allow incoming SSH traffic to the cloud instance. Additionally, it is recommended to use SSH key-based authentication instead of password-based authentication for improved security