## Experiment No.   2

Aim: To study and Implement Infrastructure as a Service using AWS EC2 by creating a Windows Virtual Machine through RDP protocol and change volume of attached storage.

Theory:

An *instance* is a virtual server in the AWS Cloud. With Amazon EC2, you can set up and configure the operating system and applications that run on your instance.

When you launch your instance, you secure it by specifying a key pair (to prove your identity) and a security group (which acts as a virtual firewall to control ingoing and outgoing traffic). When you connect to your instance, you must provide the private key of the key pair that you specified when you launched your instance.
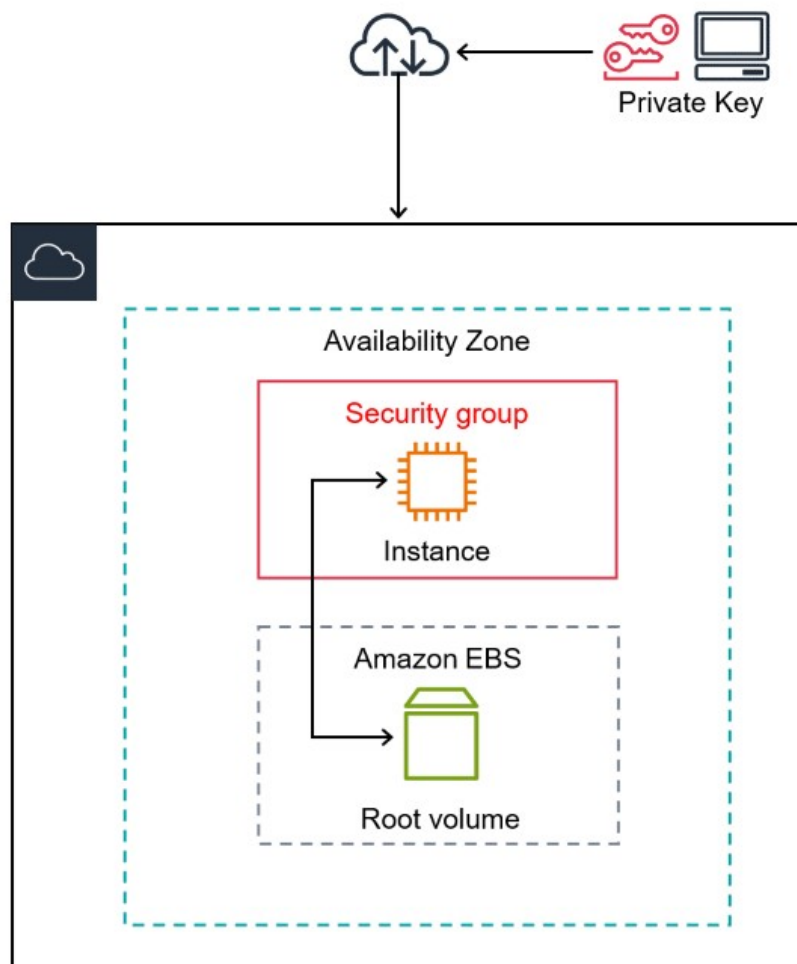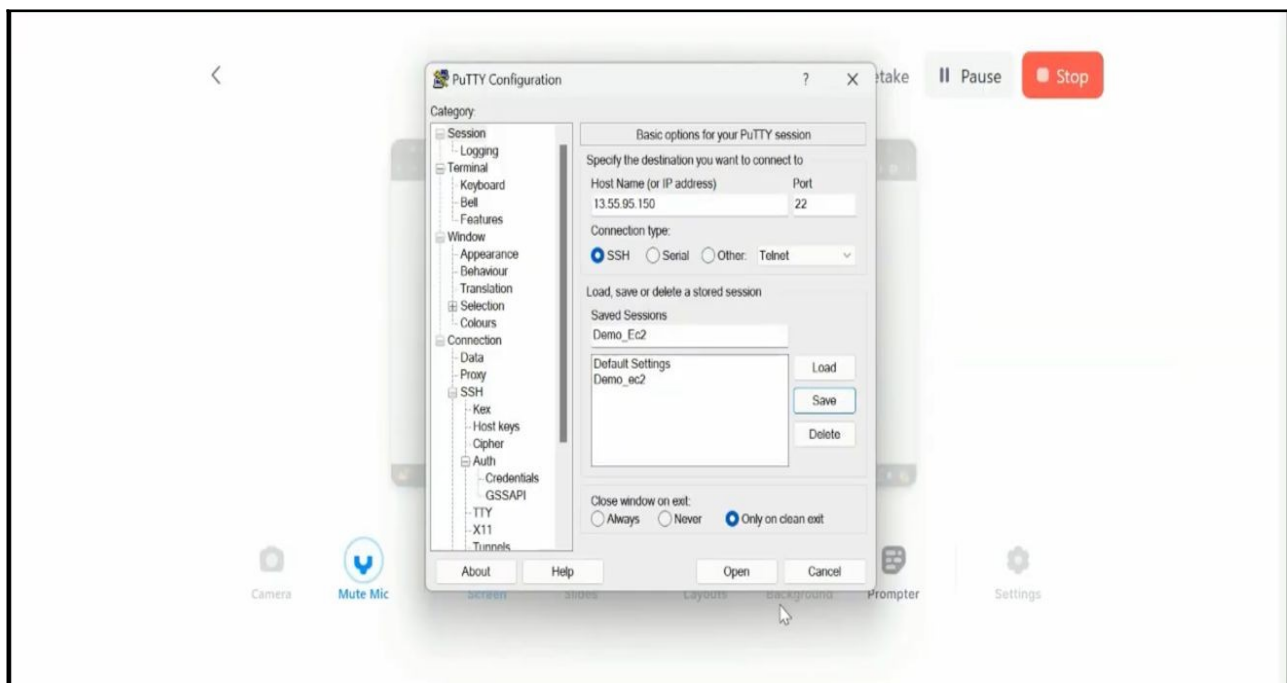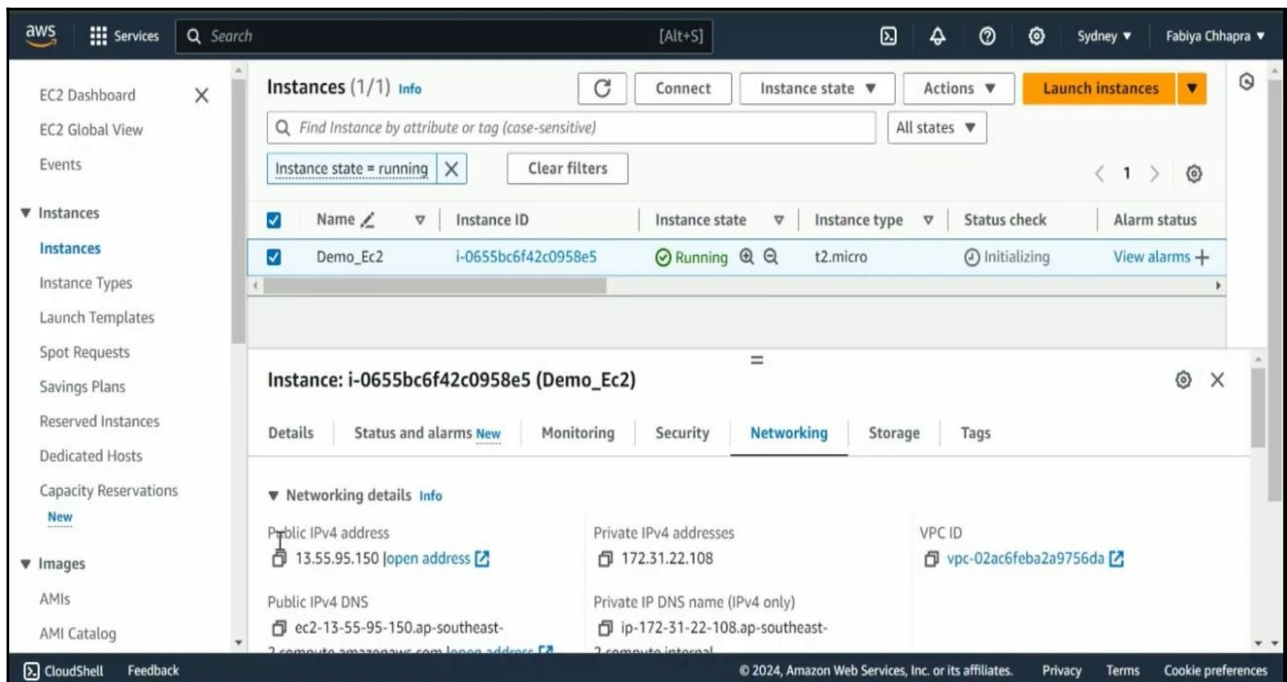

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Output:

Conclusion:

Comment on the use of RDP protocol for Windows Virtual machine

RDP (Remote Desktop Protocol) is a well-suited protocol for accessing and managing Windows Virtual Machines (VMs). Here's why:

- **Native Support:** Windows RDP client is built-in, simplifying remote access without additional software downloads.
- **User-Friendly:** Offers a familiar Windows desktop experience for interacting with the VM.
- **Efficient:** Optimized for Windows graphics and updates, enabling smooth interaction.
- **Secure (when configured well):** Supports strong authentication and encryption to protect VM access.