EXP NO: 1	Install and configure Jenkins in Cloud platform
DATE:	

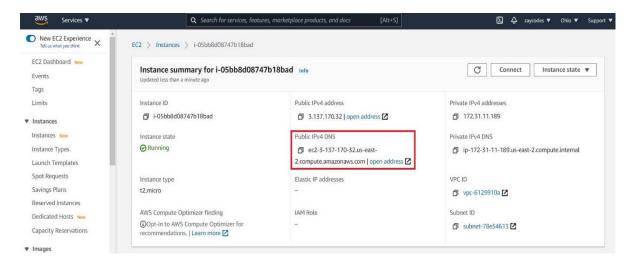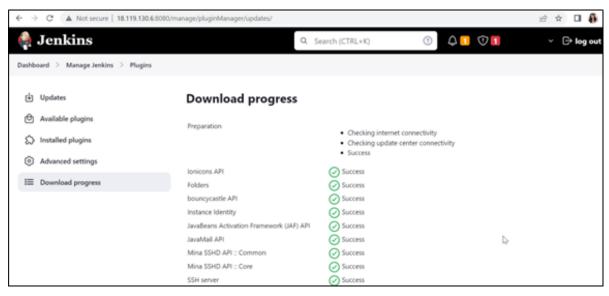**AIM: -**

To install and configure Jenkins in Cloud platform

ALGORITHM / PROCEDURE: -

1. Launch a new EC2 instance in AWS, allowing inbound access on ports 80, 22, and 8080.
2. Connect to the instance via SSH using your key pair.
3. Update packages and install Java with sudo apt update && sudo apt install openjdk-11-jdk -y.
4. Add the Jenkins repository, then install Jenkins with sudo apt update && sudo apt install jenkins -y.
5. Start and enable Jenkins using sudo systemctl start jenkins and sudo systemctl enable jenkins.
6. Access Jenkins at http://your-instance-public-ip:8080 and unlock it using the initial password found in /var/lib/jenkins/secrets/initialAdminPassword.
7. Complete the setup by installing suggested plugins, creating an admin user, and setting your Jenkins URL.

OUTPUT: -

RESULT: -

Thus we successfully installed and configured Jenkins in Cloud platform