**Steps to set up a Jenkins server on AWS**

Step 1: Launch an EC2 Instance

Step 2: Install Java

Step 3: Install Jenkins

Step 4: Open Jenkins Web Interface

Step 5: Configure Jenkins

1. Create an **admin user** and save settings.
2. Set up **Jenkins Global Tool Configuration** (Git, Maven, etc.).
3. Add an **IAM Role** with necessary permissions if using AWS integrations.
4. Install AWS-related plugins for **S3 storage**, **CodeDeploy**, or **EC2 agents**.

Step 6: Secure Jenkins

1. Enable **HTTPS** using an Nginx reverse proxy or AWS **Application Load Balancer**.
2. Restrict access using **IAM roles** or **security groups**.
3. Set up automatic **backups** for Jenkins configurations.