**Commands:**

**User data:**

|  |
| --- |
| #!/bin/bash |
|  | sudo yum update -y |
|  |  |
|  | # Install Java |
|  | sudo amazon-linux-extras install -y epel |
|  | sudo amazon-linux-extras install -y java-openjdk17 |
|  | sudo wget -O /etc/yum.repos.d/jenkins.repo https://pkg.jenkins.io/redhat-stable/jenkins.repo |
|  | sudo rpm --import https://pkg.jenkins.io/redhat-stable/jenkins.io.key |
|  | sudo yum install -y epel-release |
|  | sudo yum install -y java-17-openjdk-devel |
|  | sudo /usr/sbin/alternatives --config java <<< '1' |
|  |  |
|  | # Install Maven |
|  | sudo wget http://repos.fedorapeople.org/repos/dchen/apache-maven/epel-apache-maven.repo -O /etc/yum.repos.d/epel-apache-maven.repo |
|  | sudo sed -i s/\$releasever/6/g /etc/yum.repos.d/epel-apache-maven.repo |
|  | sudo yum install -y apache-maven |
|  |  |
|  | # Install git |
|  | sudo yum install git -y |
|  |  |
|  | # Install Jenkins |
|  | sudo yum install -y jenkins |
|  | sudo systemctl start jenkins |
|  | sudo systemctl enable jenkins |
|  |  |
|  | sudo java -version |
|  | sudo mvn –-version |
|  | sudo git version |

**deployment:**

#!/bin/bash

|  |
| --- |
|  |
|  | sudo yum install java-17-amazon-corretto-headless |
|  | mkdir app |
|  | cd app |
|  | aws s3 cp s3://s3987-productservice-build-output/s01springboothelloworld-0.0.1-SNAPSHOT.jar app.jar |
|  | java -jar app.jar |