Docker assignment – 2 : Assignment one on slave device

Pipeline :

pipeline {

agent {

label "apple"

}

stages {

stage("docker-install") {

steps {

sh '''

sudo yum install docker -y

sudo systemctl start docker

'''

}

}

stage("git-2025Q1") {

steps {

dir("docker-asign-1/2025Q1/"){

git url : "https://github.com/SarthakAJ/docker-repo-1.git",

branch : "2025Q1"

sh '''

docker run -dp 80:80 --name 2025Q1 httpd

docker cp index.html 2025Q1:/usr/local/apache2/htdocs/

docker exec 2025Q1 chmod -R 777 /usr/local/apache2/htdocs/

'''

}

}

}

stage("git-2025Q2") {

steps {

dir("docker-asign-1/2025Q2/") {

git url : "https://github.com/SarthakAJ/docker-repo-1.git",

branch : "2025Q2"

sh '''

docker run -dp 90:80 --name 2025Q2 httpd

docker cp index.html 2025Q2:/usr/local/apache2/htdocs/

docker exec 2025Q2 chmod -R 777 /usr/local/apache2/htdocs/

'''

}

}

}

stage("git-2025Q3") {

steps {

dir("docker-asign-1/2025Q3/") {

git url : "https://github.com/SarthakAJ/docker-repo-1.git",

branch : "2025Q3"

sh '''

docker run -dp 8001:80 --name 2025Q3 httpd

docker cp index.html 2025Q3:/usr/local/apache2/htdocs/

docker exec 2025Q3 chmod -R 777 /usr/local/apache2/htdocs/

'''

}

}

}

}

}

On slave device Jenkins operates with ec2-user privileges so it can’t use docker without sudo

Either use sudo for every docker command or add ec2-user to docker group

\*\* usermod -aG docker ec2-user





