Create one repository for parameterized jenkins job

And add file in that Jenkinsfile with this name and add the below pipeline code in it

Code:-

//This is aws credential method

pipeline {

agent any

parameters {

choice(

name: 'AWS\_REGION',

choices: [

'us-east-1',

'us-west-1',

'us-west-2',

'eu-central-1',

'eu-west-1',

'ap-south-1'

],

description: 'Select the AWS region'

)

}

environment {

AWS\_REGION = "${params.AWS\_REGION}"

}

stages {

stage('List AWS Resources') {

steps {

script {

echo "Listing resources in the region: ${AWS\_REGION}"

withCredentials([

usernamePassword(

credentialsId: 'aws-credentials',

usernameVariable: 'AWS\_ACCESS\_KEY\_ID',

passwordVariable: 'AWS\_SECRET\_ACCESS\_KEY'

)

]) {

echo "Fetching EC2 Instances..."

sh """

aws ec2 describe-instances --region ${AWS\_REGION} \\

--query "Reservations[\*].Instances[\*].{InstanceId:InstanceId, State:State.Name, InstanceType:InstanceType, PublicIpAddress:PublicIpAddress}" \\

--output table

"""

echo "Fetching EBS Volumes..."

sh """

aws ec2 describe-volumes --region ${AWS\_REGION} \\

--query "Volumes[\*].{VolumeId:VolumeId, Size:Size, State:State}" \\

--output table

"""

echo "Fetching Security Groups..."

sh """

aws ec2 describe-security-groups --region ${AWS\_REGION} \\

--query "SecurityGroups[\*].{GroupName:GroupName, GroupId:GroupId, Description:Description, VpcId:VpcId}" \\

--output table

"""

echo "Fetching Elastic IPs..."

sh """

aws ec2 describe-addresses --region ${AWS\_REGION} \\

--query "Addresses[\*].{PublicIp:PublicIp, InstanceId:InstanceId}" \\

--output table

"""

}

}

}

}

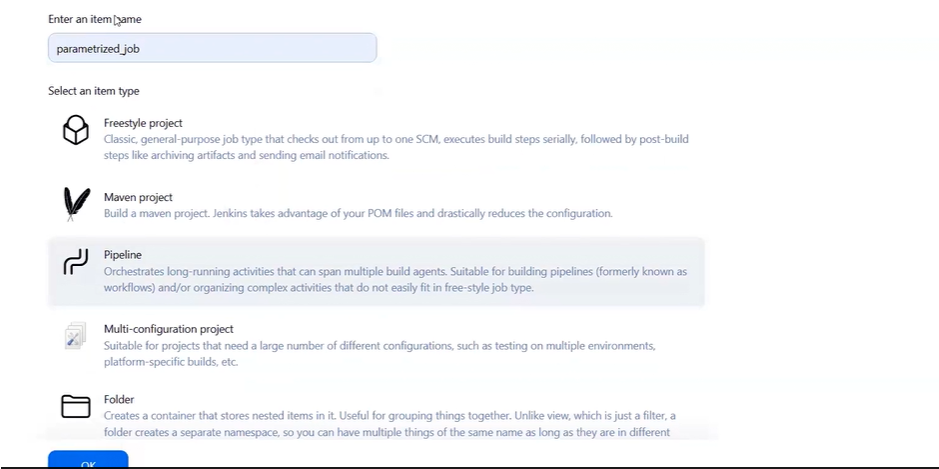
}

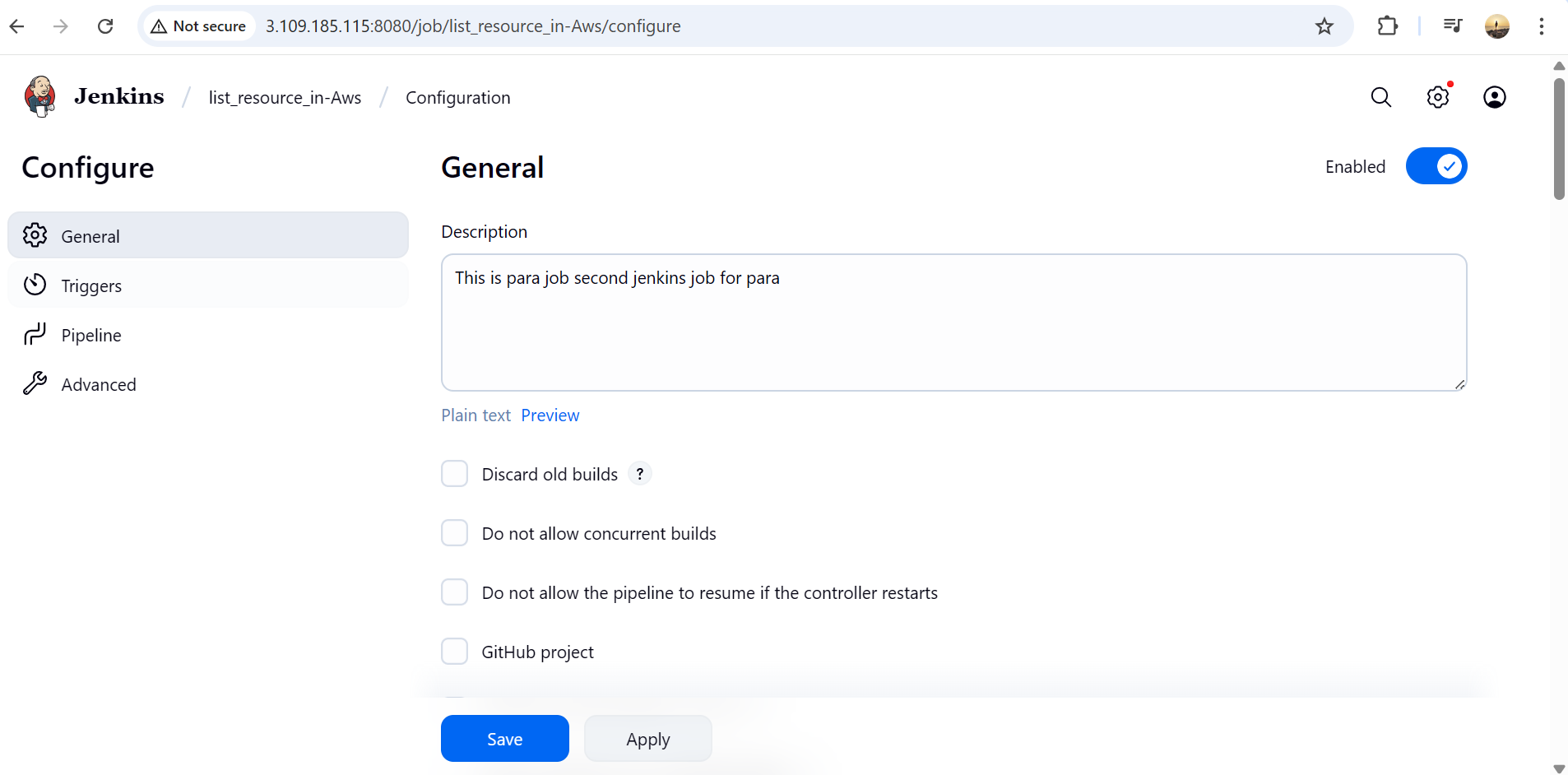
}

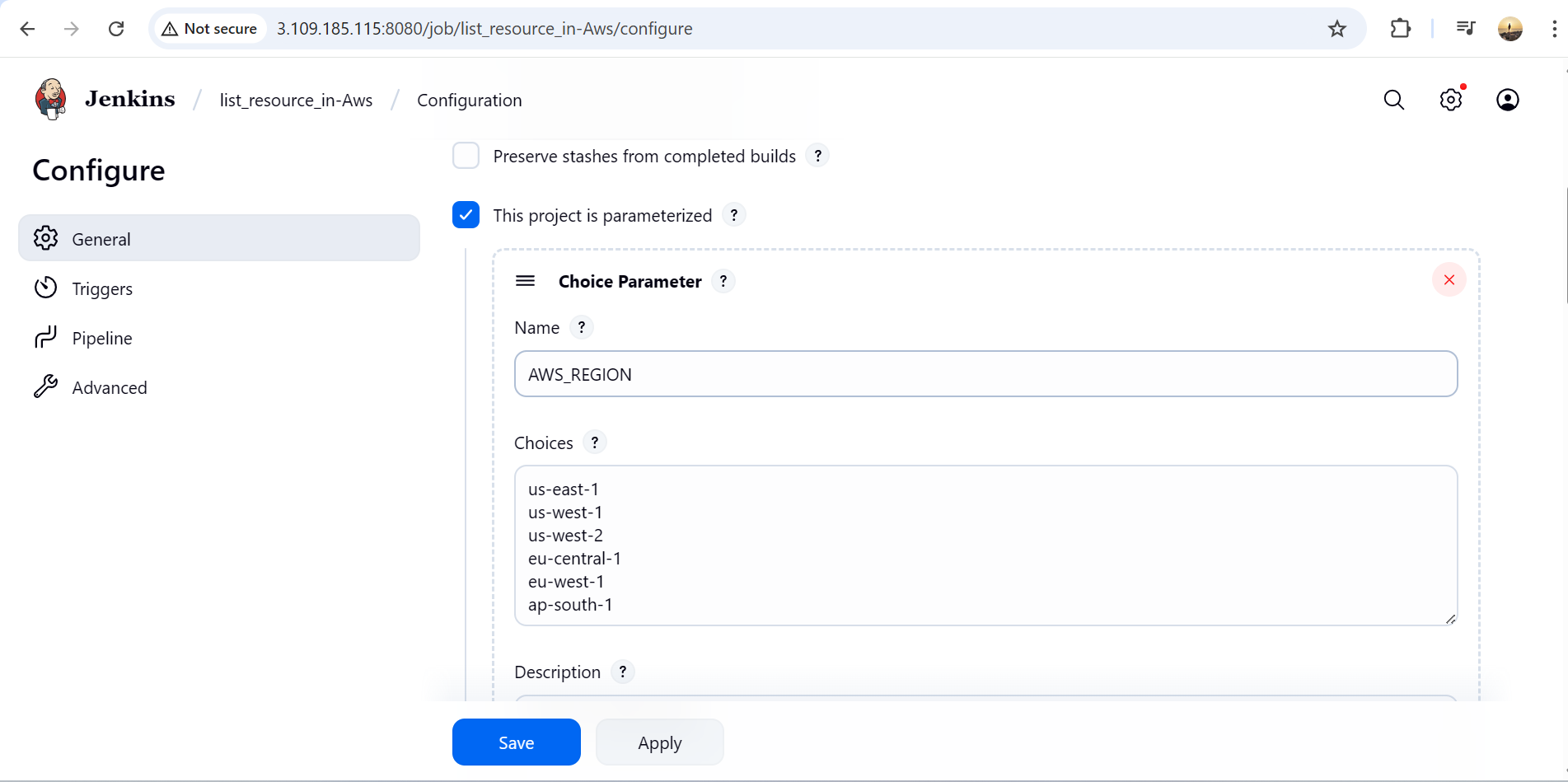
Start the jenkins from ec2 instance

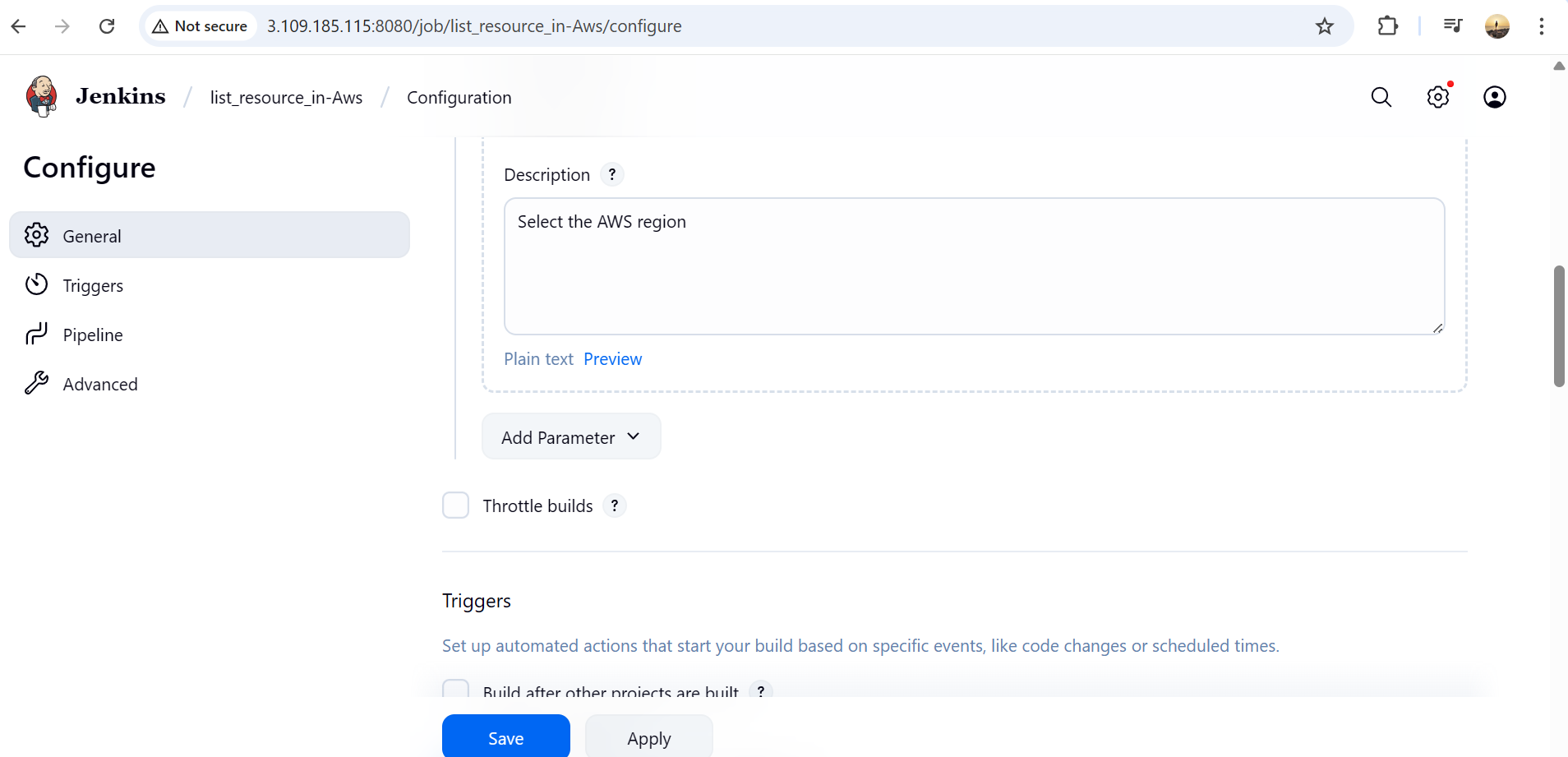
Take the ip and go jenkins global

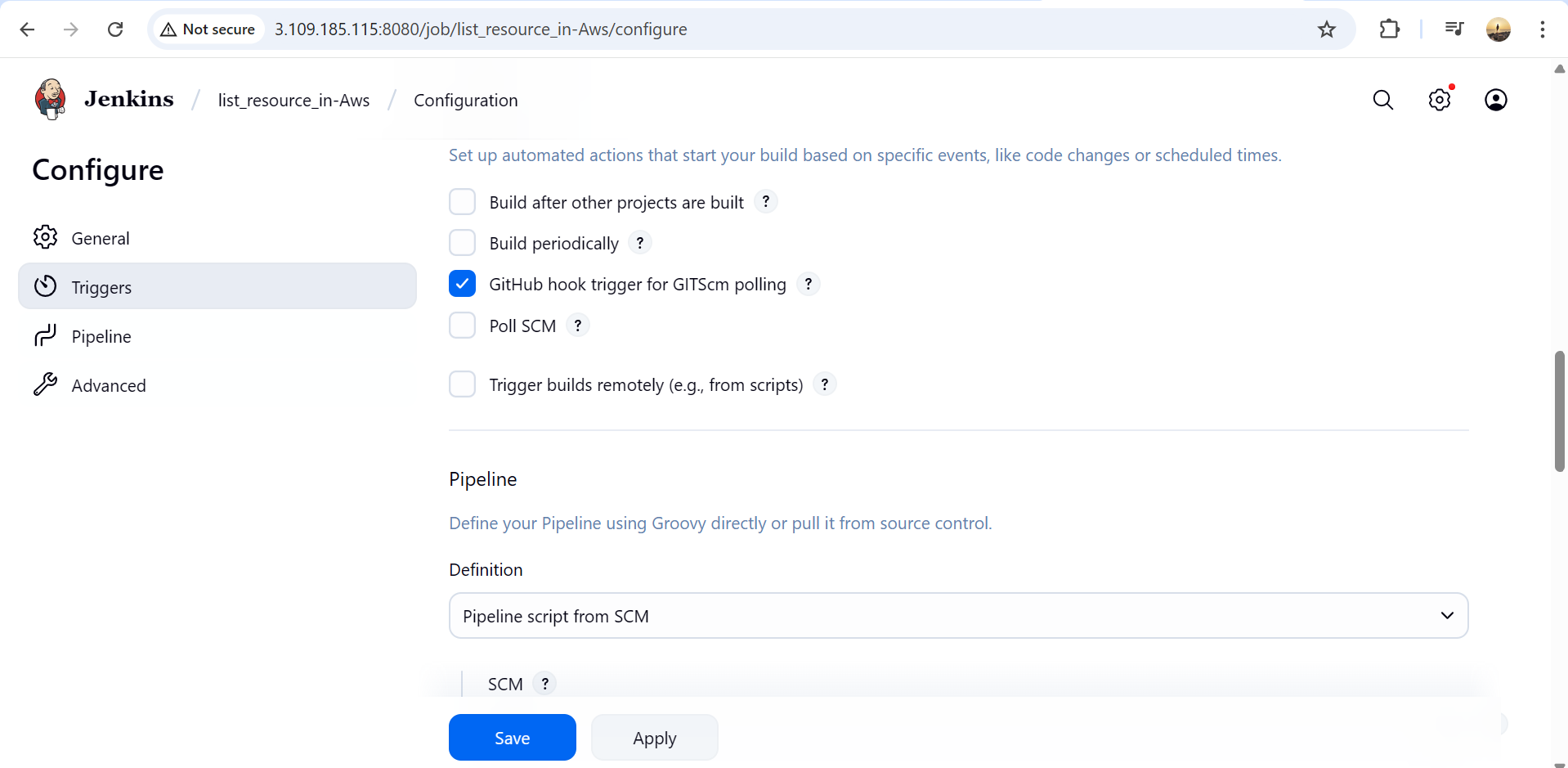
Create new item add the name as below and select pipeline

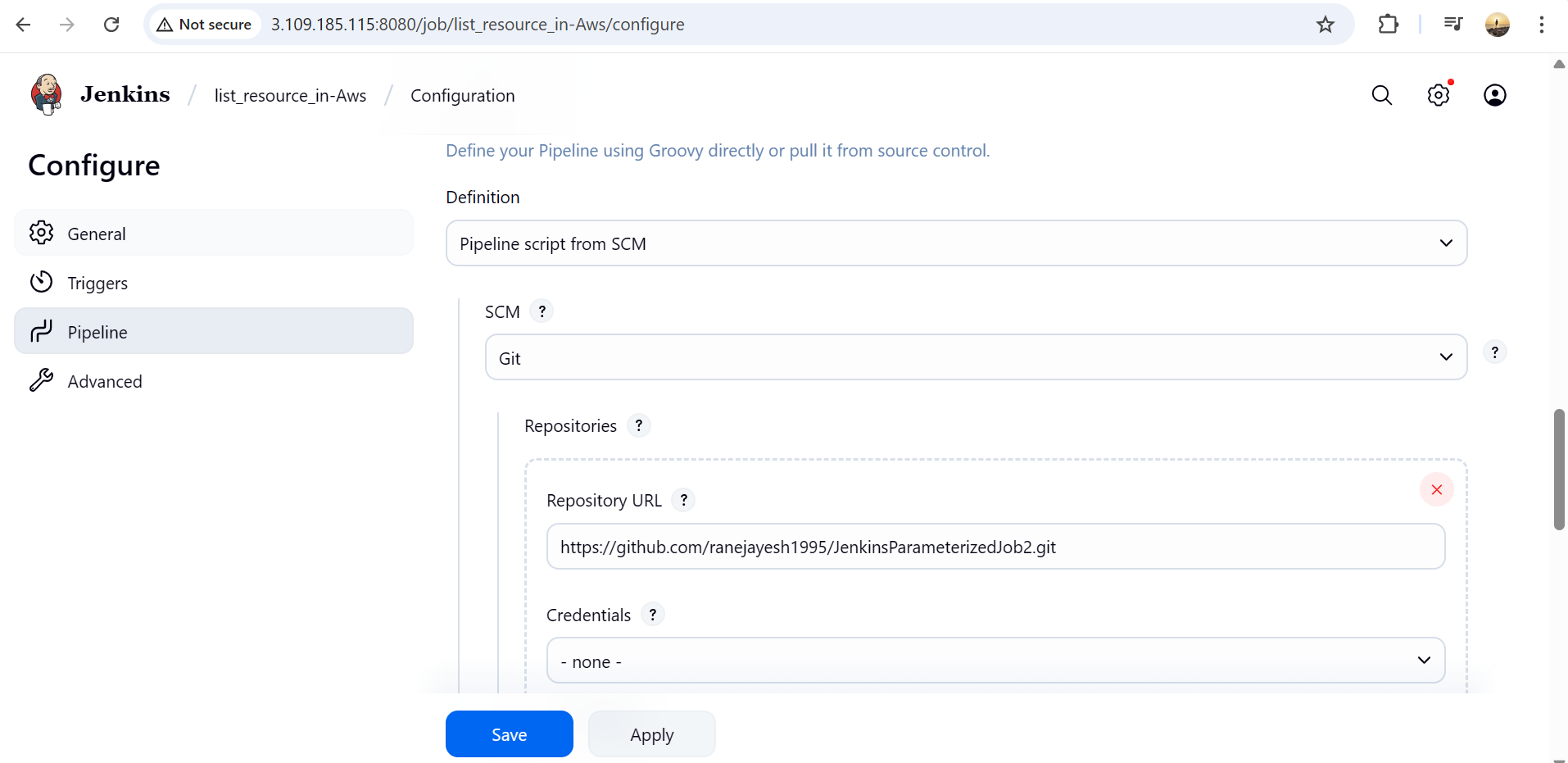


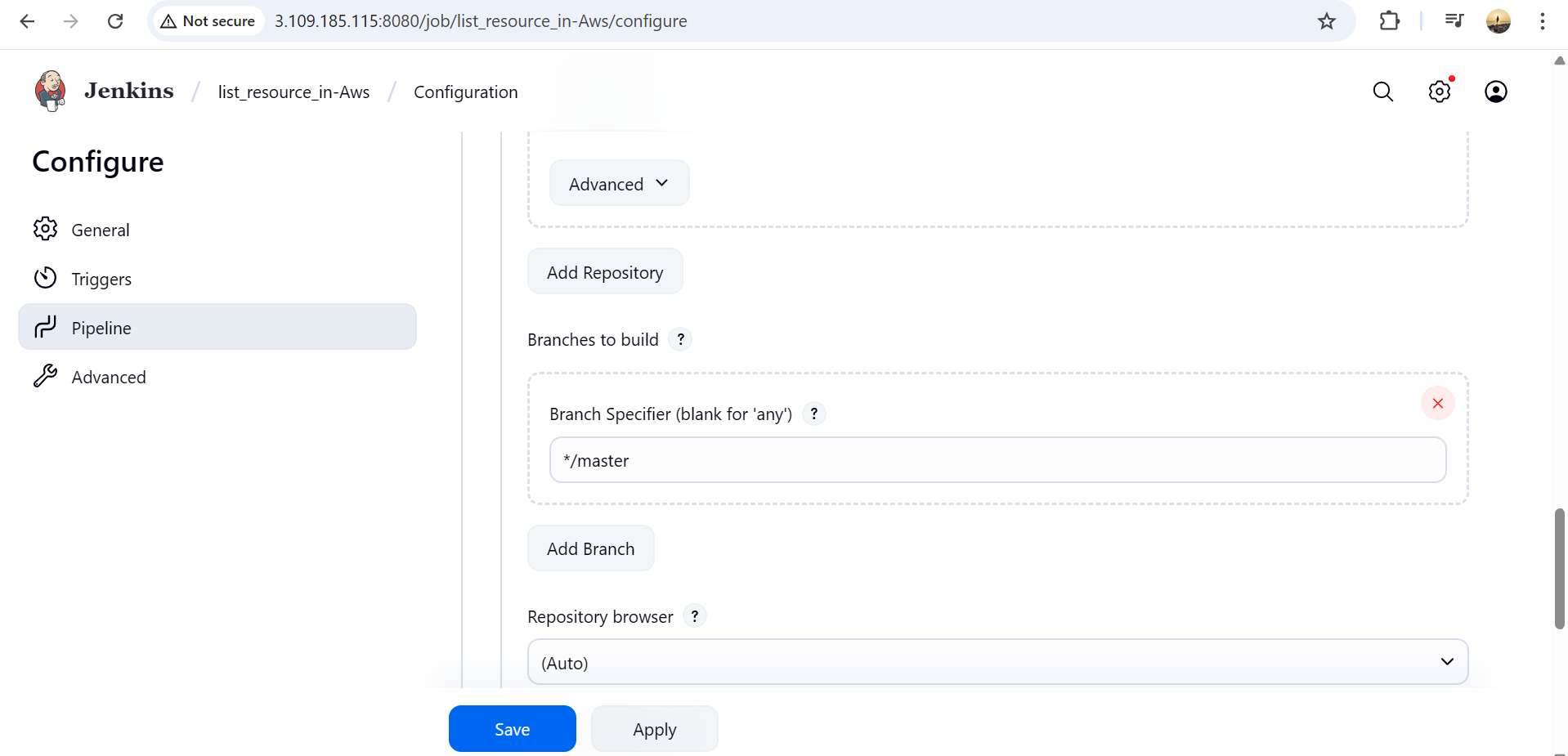


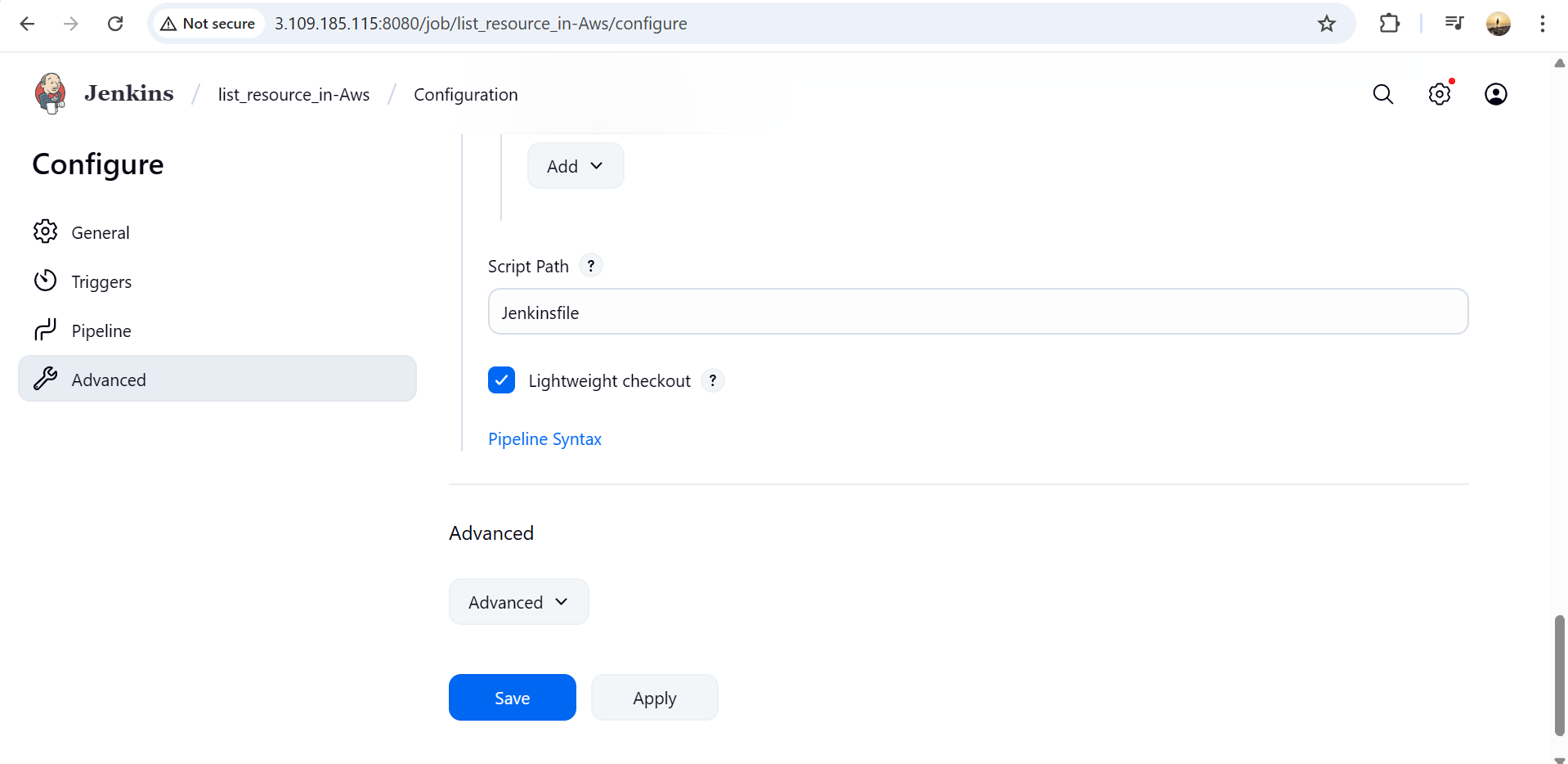








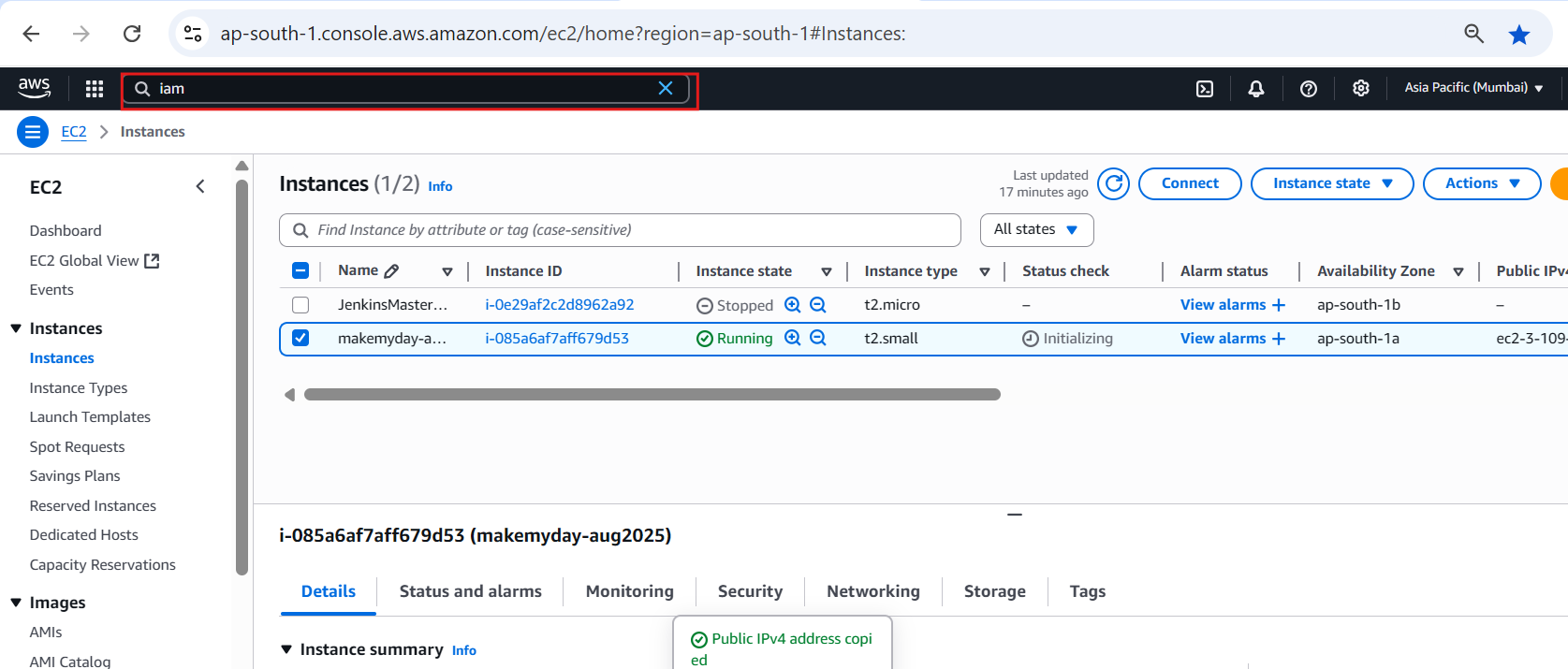




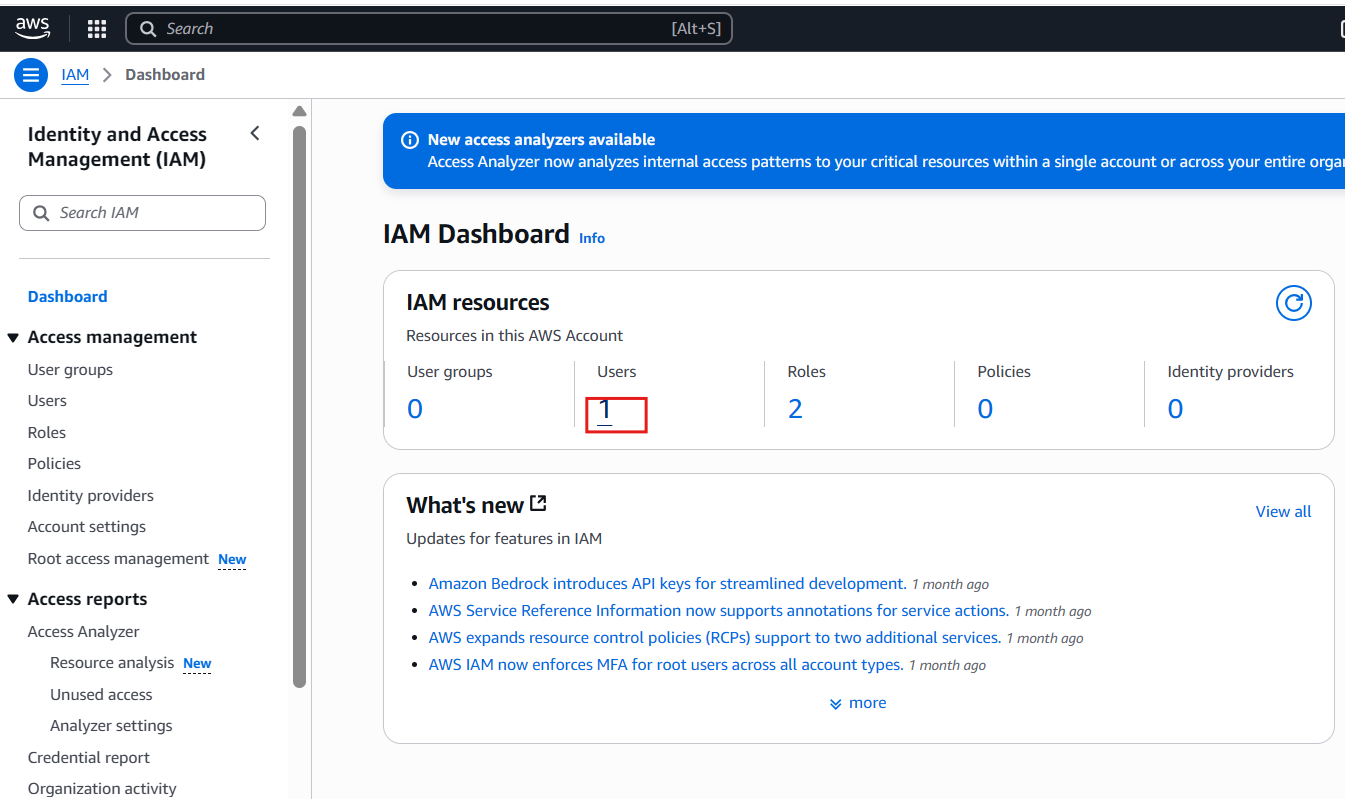
After this if you are not able to see the option Build with Parameters then once click on Build Now   
then also if you are not able to see the option Build with Parameters then check you have added parameters as above screenshot step by step from starting

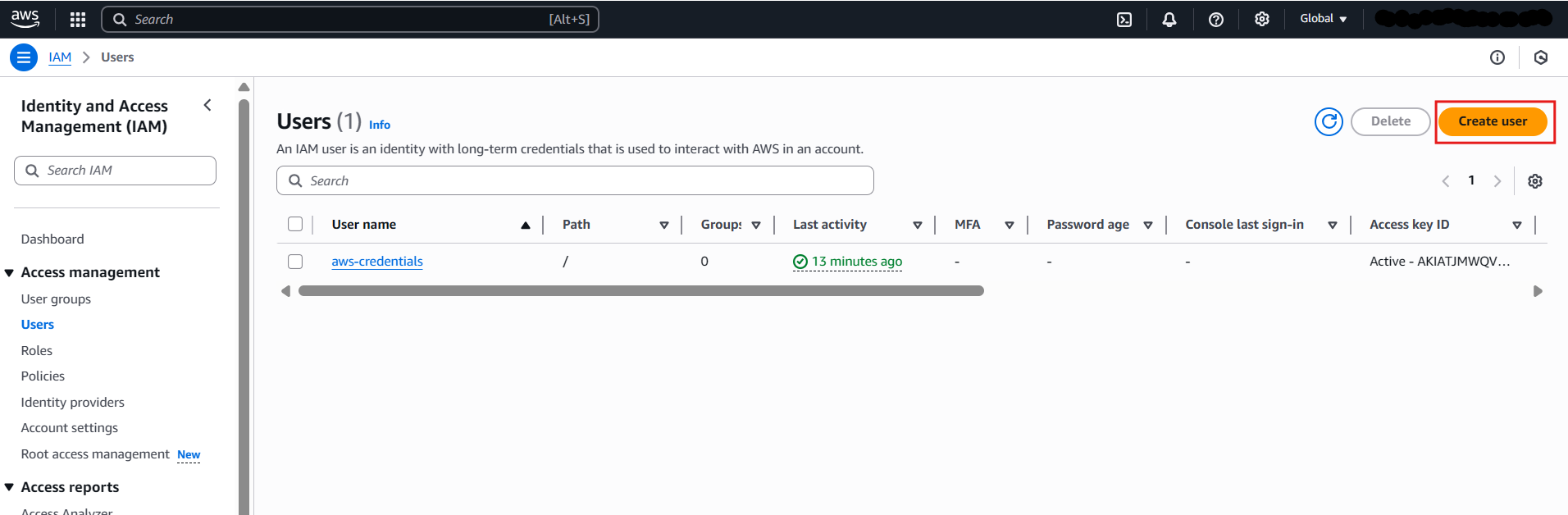
And if we have to use AWS credential then first we have to create the credential in AWS for ec2 instance below are the steps:

Search IAM

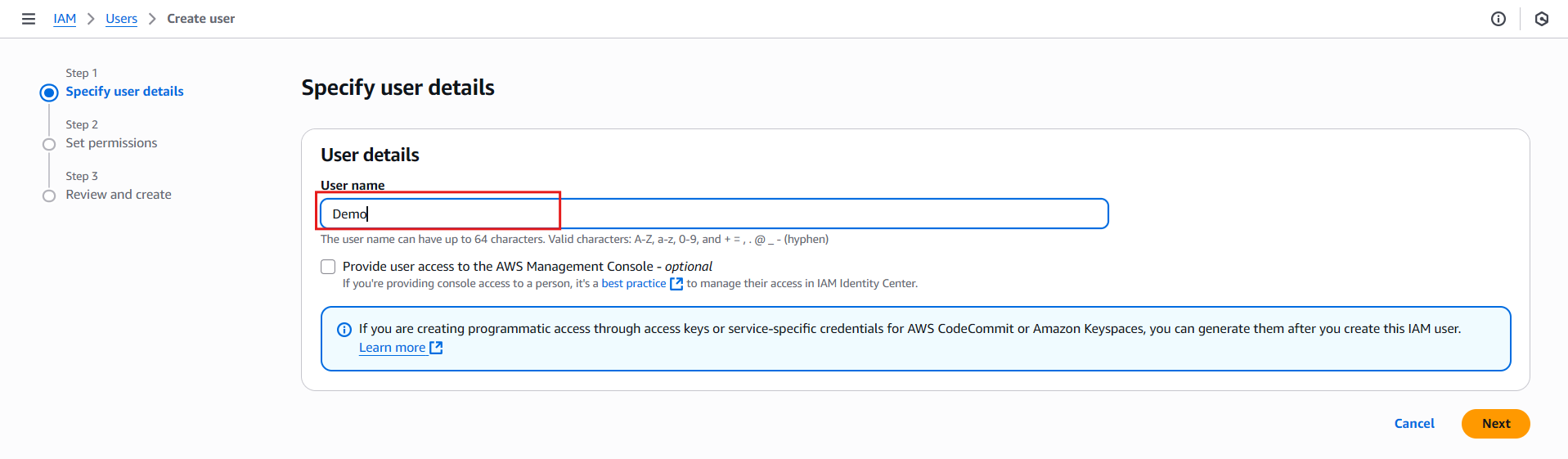


Click on red spot to create user

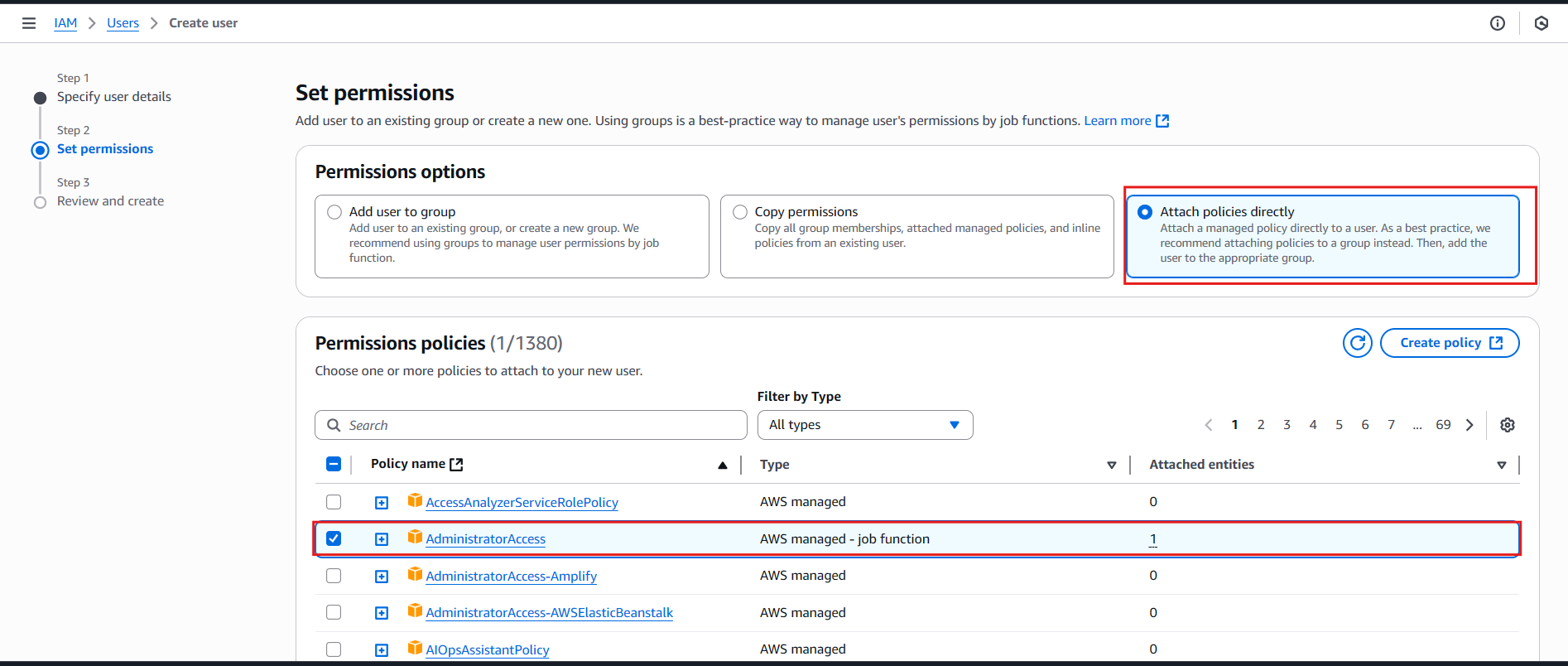




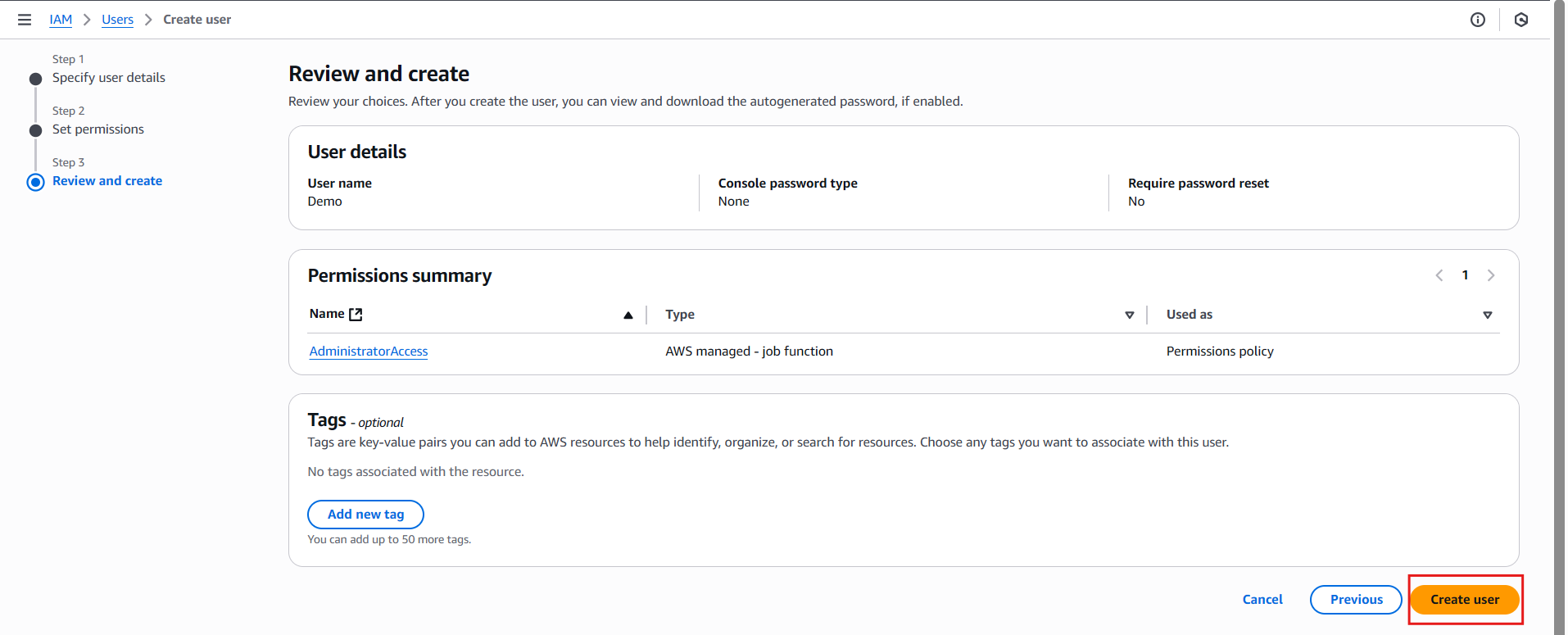
Add any username I have used aws-credentials



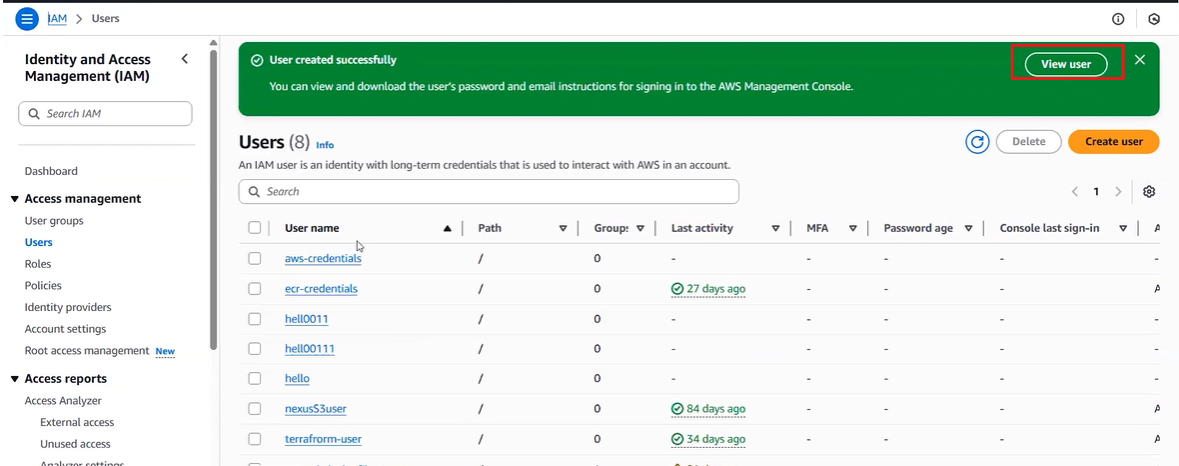
Select the red and click next

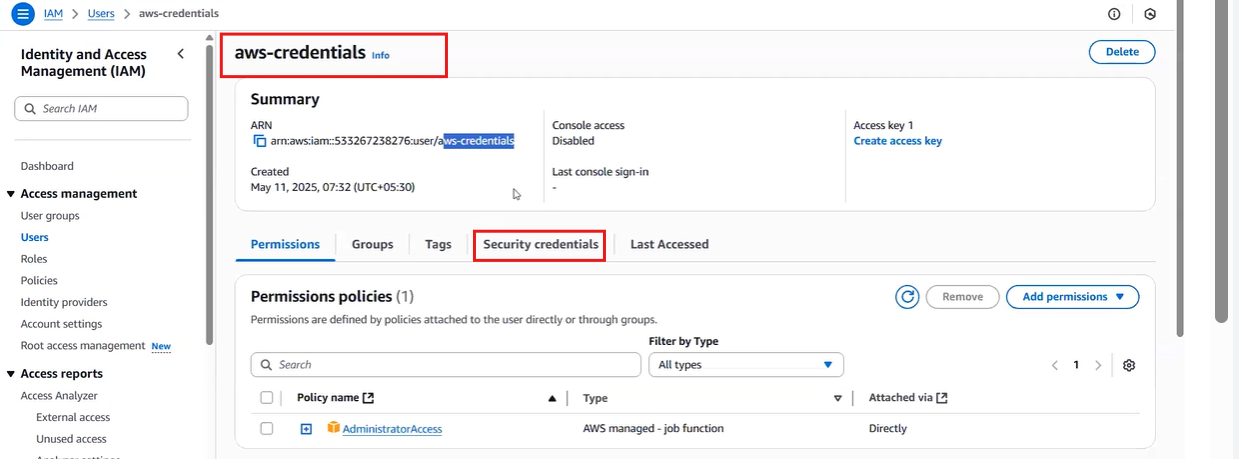


Click on create user user will be create and do the view user after user creation

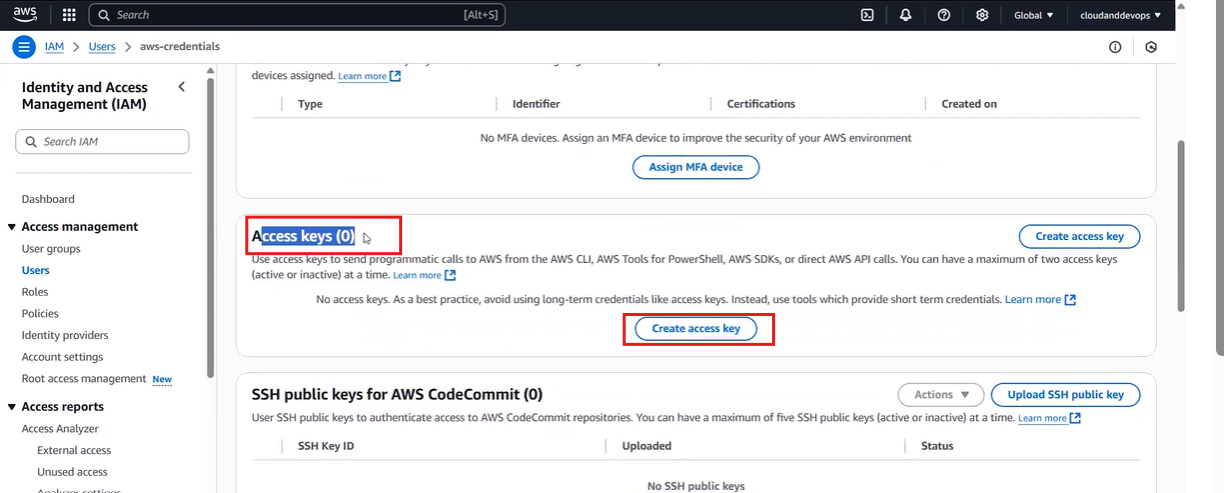


Screenshot is just and example to complete to create user cred step by step

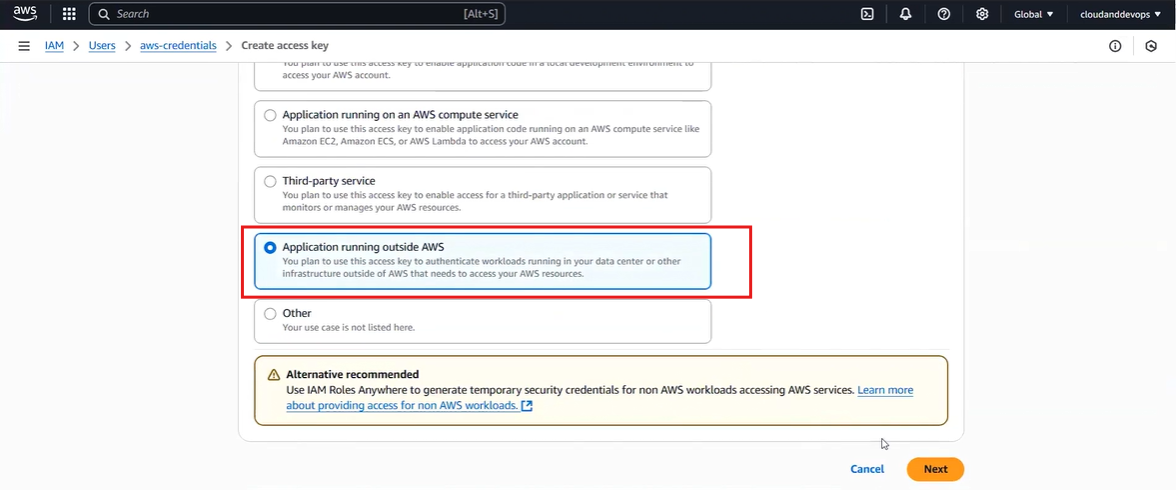


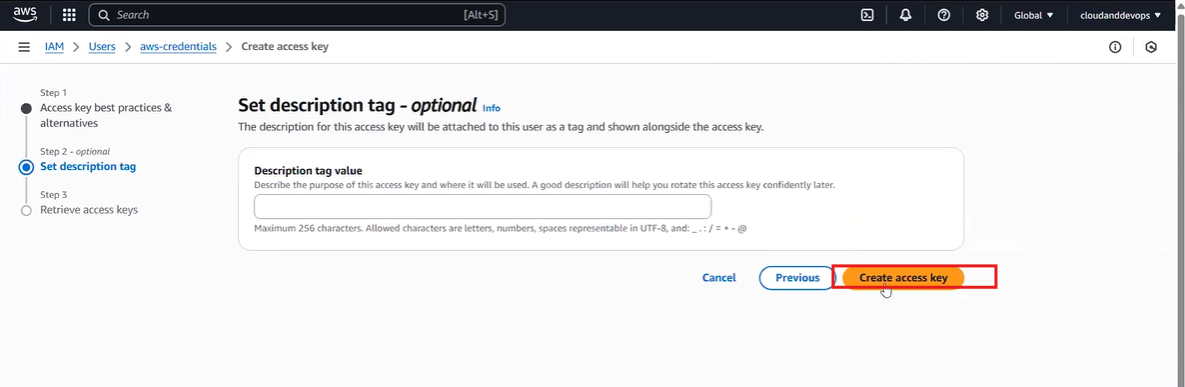


To create the access key

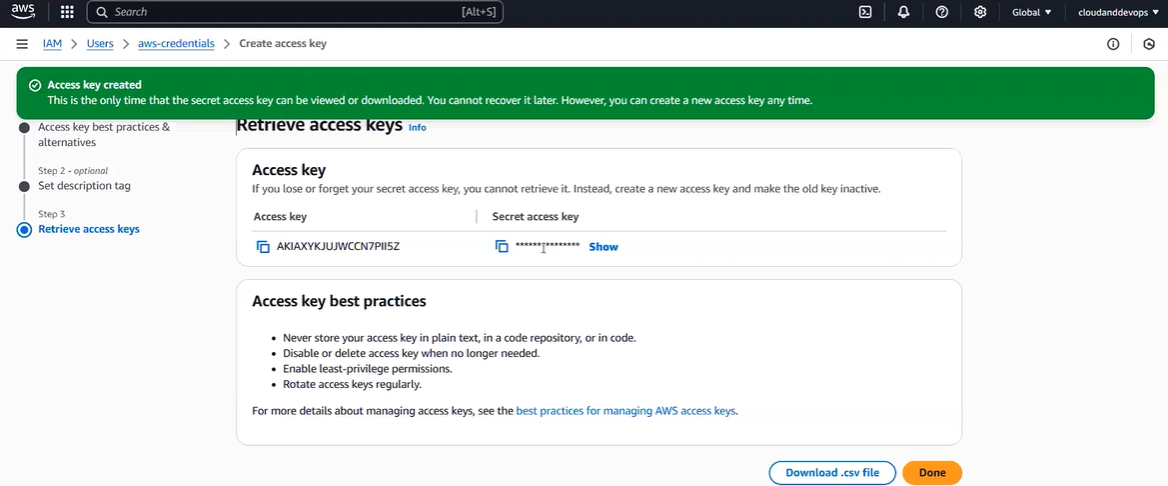


Select red and click on next



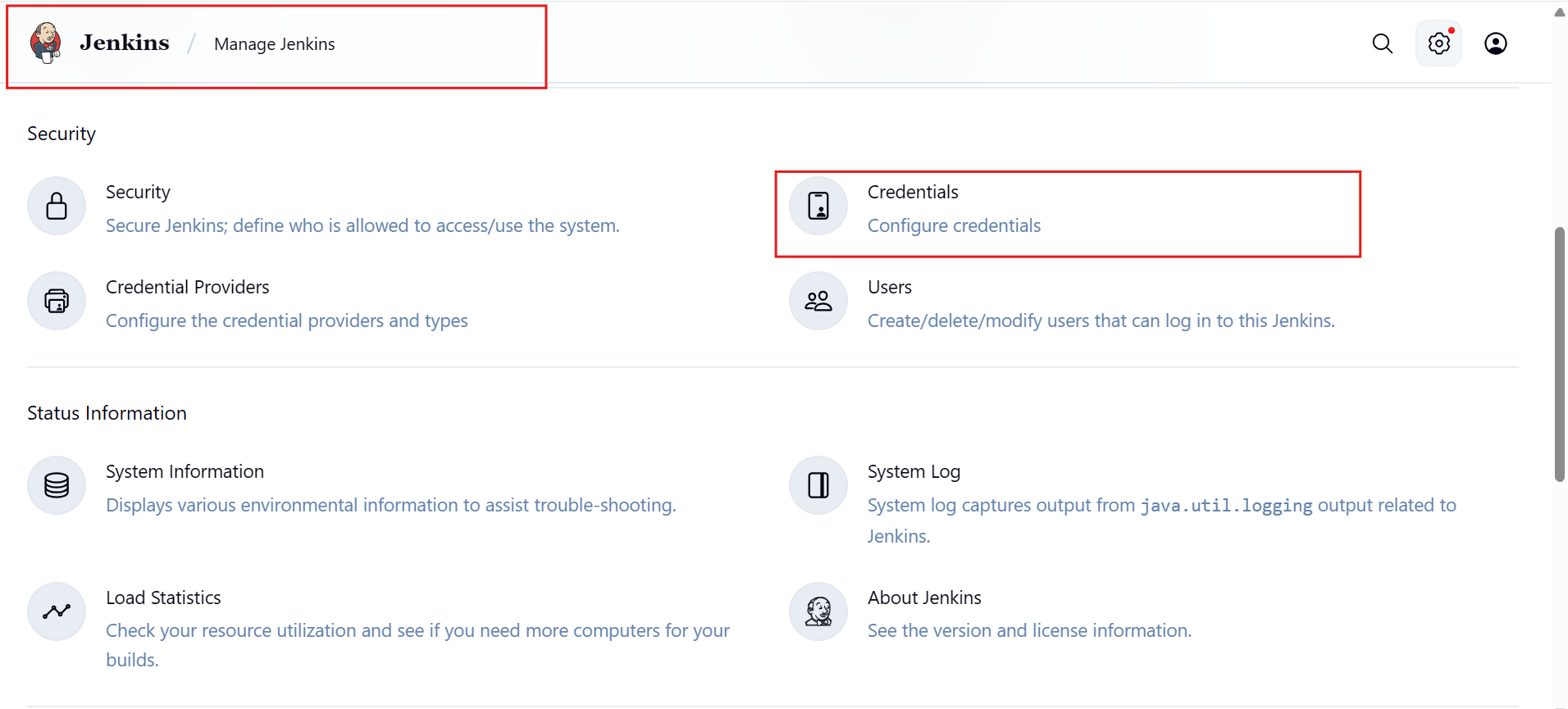


Access key has been created now so we to add in jenkins global

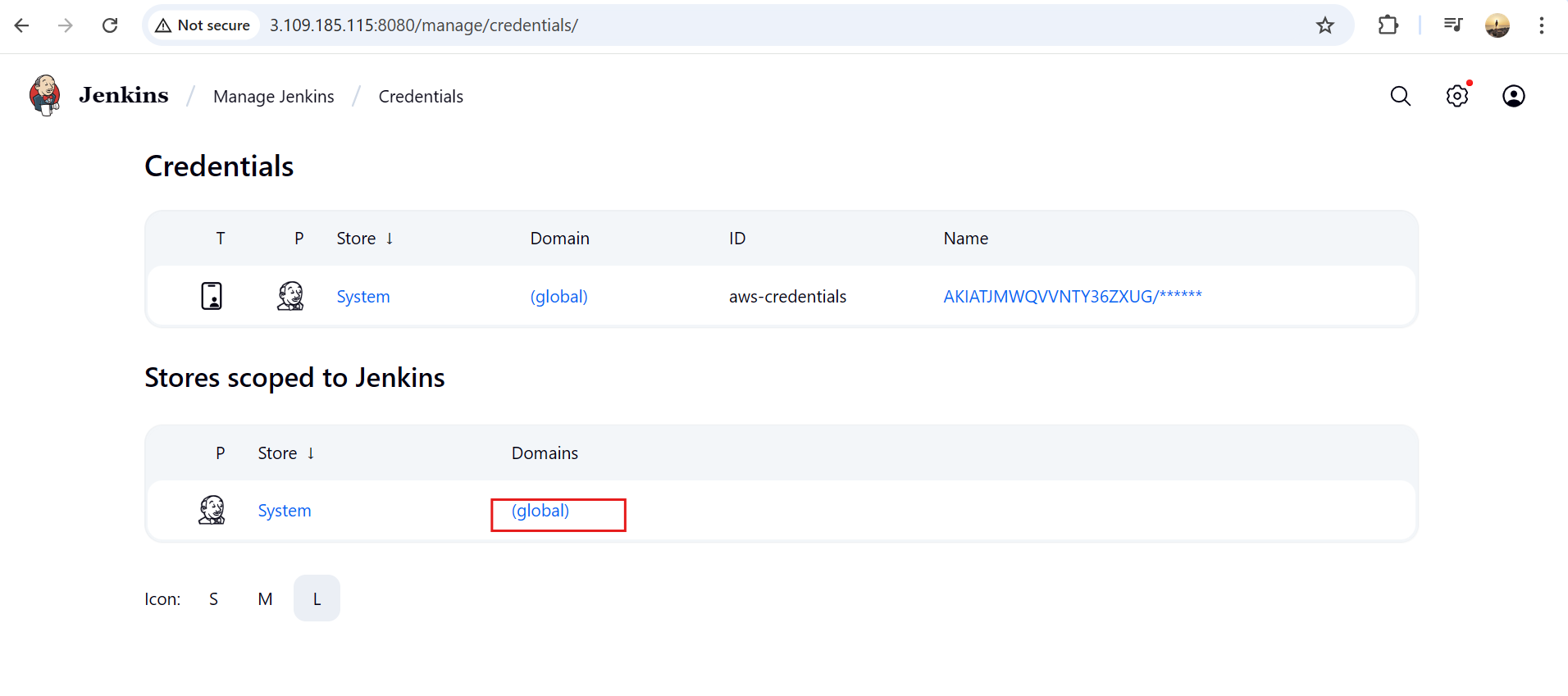


We have to go under global jenkins

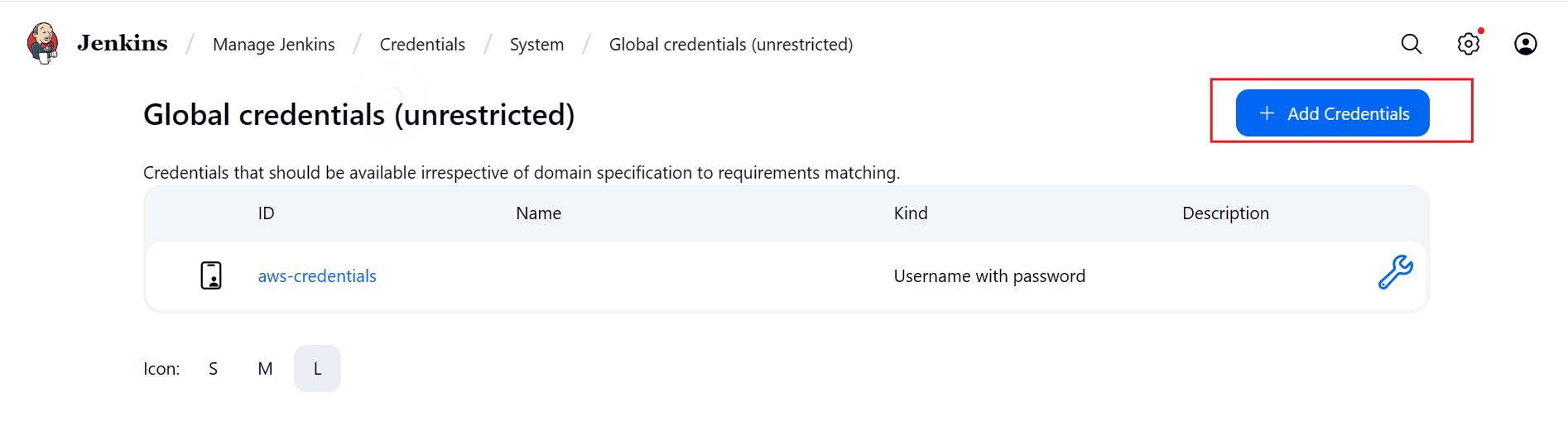
Manage Jenkins > Credentials



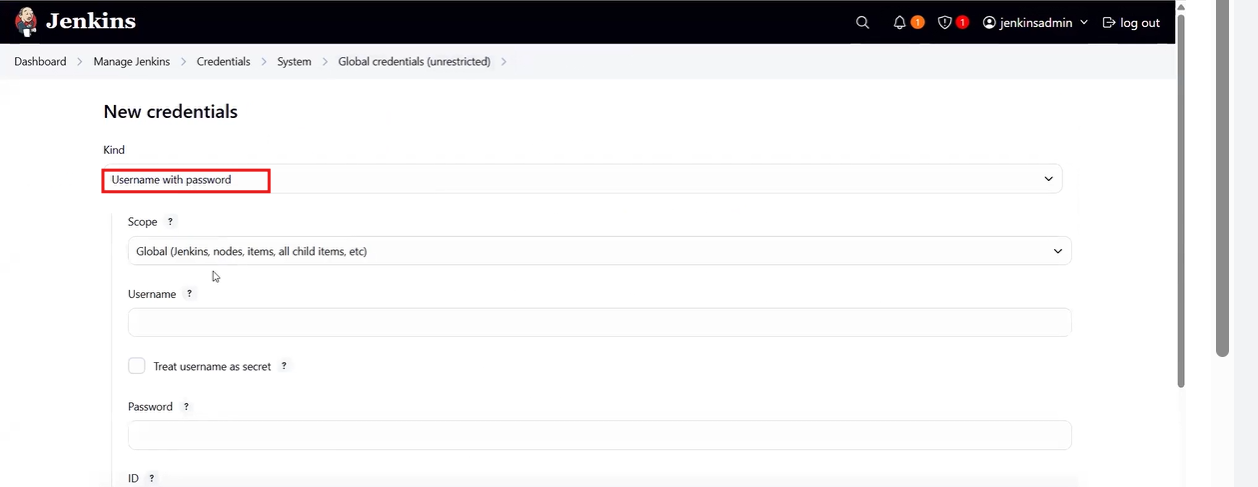
Click on global which is red highlight



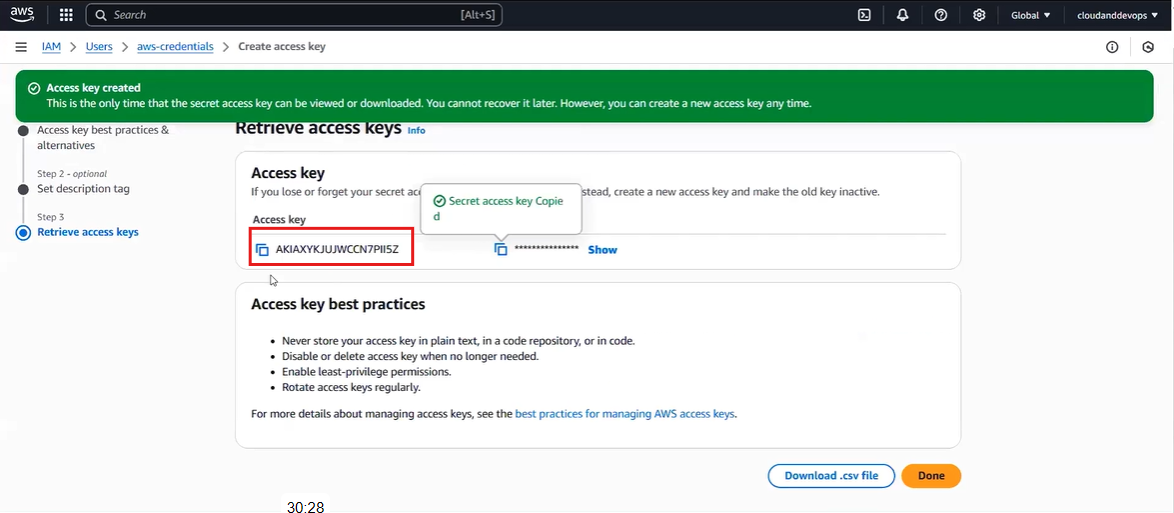
Click on add credentials



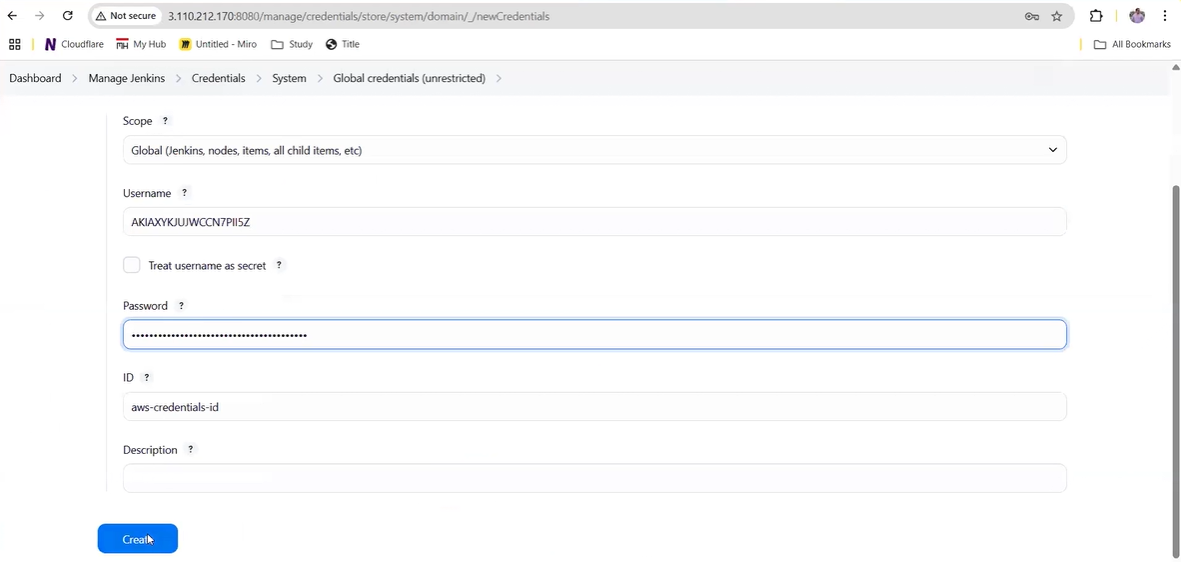
Select below option

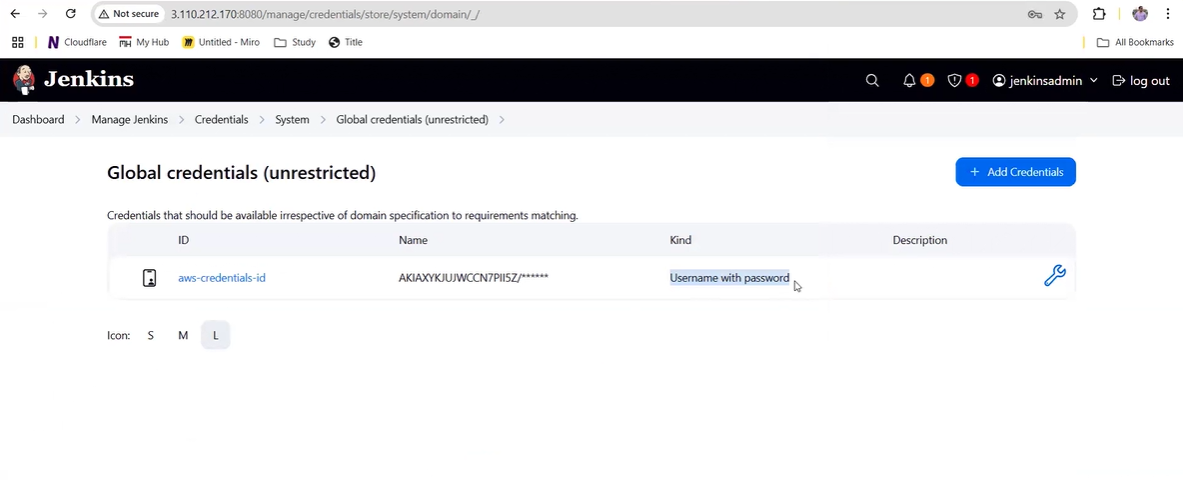


Use the below Access Key as Username in above and Secret access key as a Password  
below Screenshot is just to understand what to add and where to add



Click on create





Now setup is done you can change on repository side and jenkins job will run

