AWS CLI (COMMAND LINE INTERFACE )

AWS CLI ON LINUX

UNDERSTANDING IAM ROLES

AWS CLI (command line interface)

To conncet from cli ,we need to provide access key and secret key .

Observation, in IAM dashboard , root access keys are deleted.

Generation of root access keys

Select “delete your root access key ” --- manage security credentials -- > continue to security credentials .

Access keys (access key id secret access key ) -- create anew access key--- > show access key .download the key file --- >

Close.

* Go to IAM dashboard-- > top rightside ----- > Below the quick links----

-🡪 My access key--🡪create new access key -🡪 show access key -🡪 then copy then

Access key id : AKIAWJTYJ6SEFJNWABM4

Secret access key : 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

As keys generated ,we can accesss to aws from cli.

We need to download AND install aws cli tool.

Search for “Aws cli tool for windows ” in google

Select the first link (docs.amazon.com)

Select “download the aws cli msi installer for windows 64 bit ”

Download and run the file .

Once the cli installed ,we can see it in control panel ---uninstall program we can see “aws command kine interface”

(just observation)

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Open command prompt

* aws configure
* Aws access key id [\*\*\*\*\*]: enter access key id from file download.
* Aws secret Access key id [\*\*\*\*\*]: enter access key id from file download.
* Default region name : ap-southeast-1
* Note : ap-south-1 (is nothing but region name of singapore.we can get this information from google )
* Default region is north Virginia.
* Default output format: text
* We get the prompt. (we have logged in )

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From the console, create two bucket.(two bckets are created by gui type.)

We can see the list of bucket from command line .

Search in google “aws s3 command”

Ex : aws s3 ls

Create one bucket in gui model and

**aws s3 ls**

We can see the bucket.

Now we are creating a one more bucket through

CLI command .

aws s3 mb s3://bucket-vardhan12345

mb means --- > make bucket

aws s3 ls

We can see the bucket console.

Upload the file in bucket.

aws s3 cp sample.txt s3://bucket-vardhan12345/ sample.txt1

Note : file does not exit

Cause : File should be available in

C:\WINDOWS\system32>

I want file should be available here.

Then upload one more time

aws s3 cp AADARCARD s3://bucket-vardhan12345/ AADARCARD1

createting user from command line

search in google “aws iam command”

aws iam create-user --user-name user-1

checked in gui

we need to install aws cli on the ec2-machine , which we have create

connected through putty.

sudo su

yum update –y

aws configure

* Aws access key id [\*\*\*\*\*]: enter access key id from file download.
* Aws secret Access key id [\*\*\*\*\*]: enter access key id from file download.
* Default region name : ap-southeast-1
* Default output format: text

Now let’s create on new user

aws iam create-user --user-name raj

now let’s create a one group

aws iam create-group --group-name devops

(let’s veryfiy through console level.)