
AWS Lab 25

AWS CLI (Command Line Interface)

Overview of the lab

In this lab you will learn to how to authenticate to aws cloud via aws cli from local laptop (same applies to corp dc servers)

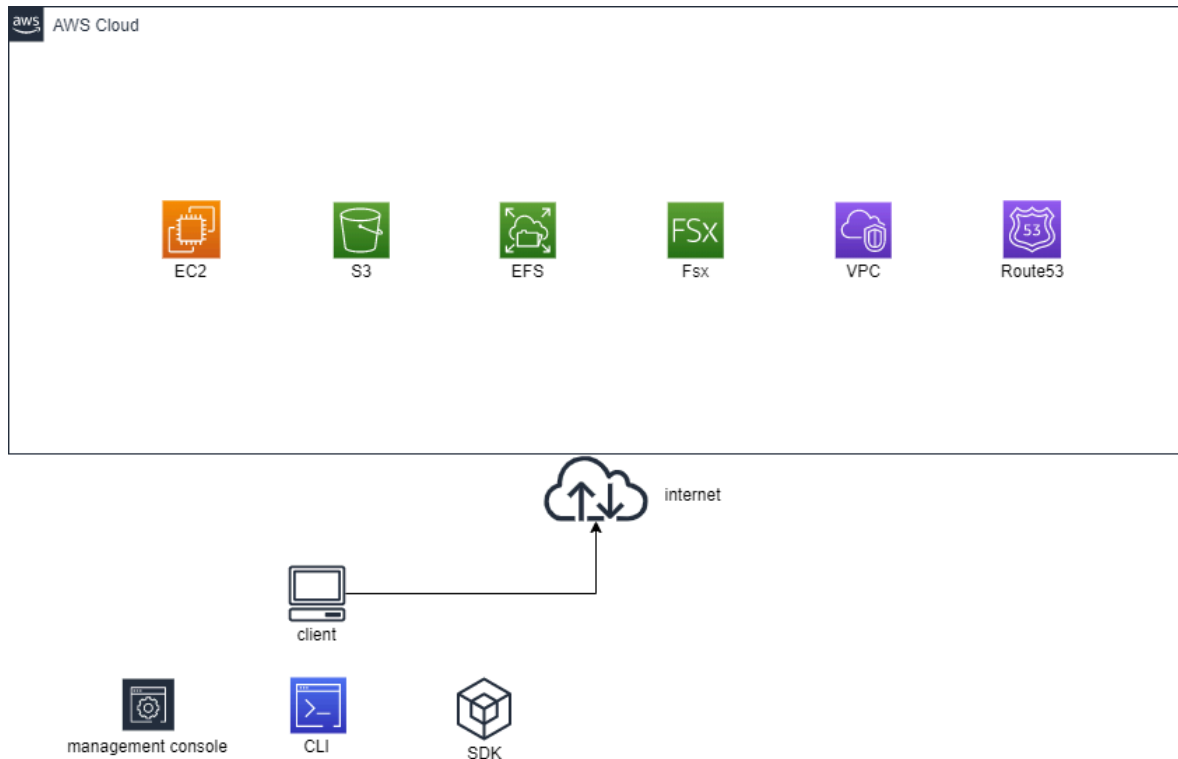
AWS CLI

It is a software used to authenticate and manage aws services using commands from existing CLI (powershell, bash, terminal)

Credentials

In order to authenticate to aws cloud via CLI, we need access key and secret access key

Architecture



Step by Step Lab

1. Download and install aws cli from official website
[Command Line Interface - AWS CLI - AWS \(amazon.com\)](https://awscli.amazonaws.com)
2. Generate Access and Secret access key
 - a. Login to aws account - [Click on account name](#) in right top
 - b. Click on [Security credentials](#)
 - c. Click on [Create access key](#)
 - d. Check [I understand ... \(creating access and secret key for root user is not recommended\)](#)
 - e. Click on [Create access key](#)
3. Copy the access and secret access key
4. In powershell / terminal (local laptop)



```
aws configure
```

```
AWS Access Key ID : xxx
```

```
AWS Secret Access Key : xxx
```

```
Default region name : ap-south-1
```

```
Default output format [None]:
```

5. Some S3 commands are as below

```
#list s3 buckets
```

```
aws s3 ls
```

```
#create a s3 bucket
```

```
aws s3 mb s3://example-bucket
```

```
#upload(multi-part upload) an object to the bucket
```

```
aws s3 cp example-object s3://example-bucket
```

```
#list bucket content
```

```
aws s3 ls s3://example-bucket
```

```
#download an object
```

```
aws s3 cp s3://example-bucket/example-object ./
```

```
#delete an object
```

```
aws s3 rm s3://example-bucket/example-object
```

```
#delete bucket
```

```
aws s3 rb s3://example-bucket
```
