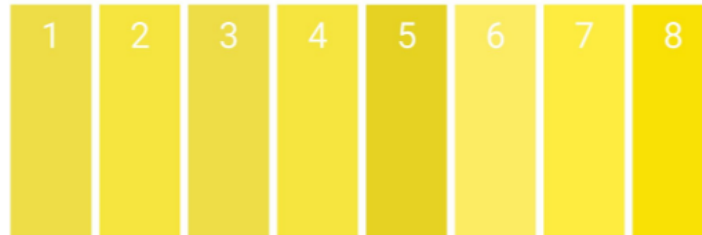


DevOps Test #2

Question #1: Logika

Manakah yang bukan warna Kuning?



1. Manakah yang bukan warna kuning

Jawab: No 5

2. Create a command-line application called `bucket_manager` which will help us to create or delete an AWS S3 bucket. And it also helps you to grant or revoke a user's access from that bucket . Here are the functions `bucket_manager`

Step:

- Install Aws Cli

Saya menggunakan Ubuntu 18.04 untuk wadah melakukan instalasi Aws-cli, yang berfungsi dalam mendukung fitur/perintah pada layanan Amazon Web Service

```
$ sudo apt-get update.
```

```
$ sudo apt-get install awscli.
```

- Configure Aws Cli

Konfigurasi dilakukan agar Aws Cli terkoneksi dengan user layanan yang sudah di sediakan

```
$ aws configure
```

- Create Bucket

```
root@ubuntu-server:/home/axel031# ./aws.sh -b Bucket_Manger create
-b Bucket_Manger Found
Bucket Name :
kawan-labs
make_bucket: kawan-labs
root@ubuntu-server:/home/axel031#
```

```
root@ubuntu-server:/home/axel031# aws s3 ls
2020-02-23 16:01:05 kawan-labs
2020-02-23 16:12:02 licelshield
```

- Delete Bucket

```
root@ubuntu-server:/home/axel031# ./aws.sh -b Bucket_Manager delete
-b Bucket_Manager Found
BucketName :
kawan-labs
remove_bucket: kawan-labs
root@ubuntu-server:/home/axel031#
```

```
root@ubuntu-server:/home/axel031# aws s3 ls
2020-02-23 16:12:02 licelshield
root@ubuntu-server:/home/axel031#
```

- Grant User

Sebelum menambahkan user pada Bucket . Akan dilakukan create Policy terhadap bucket yang ingin kita share dengan user lain. Berikut merupakan policy yang sudah saya generate untuk akses terhadap Bucket kawan-labs

<input type="radio"/>	kawanlabs-access	Customer managed	None	kawanlabs-access
<input type="radio"/>	kawanlabs-Fullaccess	Customer managed	Permissions policy (1)	kawanlabs-Fullaccess

```
root@ubuntu-server:/home/axel031# ./aws.sh -b Bucket_Manager permissionread
-b Bucket_Manager Found
Username :
usr-kawanlabs
root@ubuntu-server:/home/axel031#
```

```
root@ubuntu-server:/home/axel031# ./aws.sh -b Bucket_Manager permissionwrite
-b Bucket_Manager Found
Username :
usr-kawanlabs
root@ubuntu-server:/home/axel031#
```

The screenshot shows the AWS Management Console for the S3 bucket 'kawan-labs'. The 'Overview' tab is selected, showing a list of objects. One object, 'Tes_01.txt', is listed with a size of 9.0 B and a last modified date of Feb 24, 2020 12:42:51 AM GMT+0700. The console interface includes a search bar, upload and create folder buttons, and a table of objects. The user 'usr-kawanlabs @ 7885 5445 0...' is logged in, as indicated in the top right corner.

- Revoke User

```
root@ubuntu-server:/home/axel031# ./aws.sh -b Bucket_Manger revokeuserreadonly
-b Bucket_Manger Found
Username :
usr-kawanlabs
root@ubuntu-server:/home/axel031#
```

```
root@ubuntu-server:/home/axel031# ./aws.sh -b Bucket_Manger revokeuserwrite
-b Bucket_Manger Found
Username :
usr-kawanlabs
root@ubuntu-server:/home/axel031#
```

