

### **S3 CLI commands**

#### **Create a bucket:**

```
aws s3 mb s3://test-saurav-123
```

#### **Remove the bucket:**

```
aws s3 rb test-saurav-123
```

#### **Creating empty files in Linux :**

```
touch file{1..10}
```

#### **Copy a local file to a bucket:**

```
aws s3 cp file1 s3://copy-file-saurav/
```

#### **Copy Everything in local file to a bucket:**

```
aws s3 sync . s3://copy-file-saurav/
```

```
crontab -e
```

### **Create a script to save all files to S3 bucket every (x) minutes/hours/days or months**

- vim sync.sh
- press i for insert
- ```
#!/bin/bash
```
- ```
aws s3 sync /home/ec2-user/Documents/ s3://copy-file-saurav
```
- Press Esc
- Type :wq! To save and exit
- Chmod 500 sync.sh
- The above command will make it executable

#### **On command line type this to create a cron job:**

- crontab -e
- press I to insert
- paste: 

```
*/1 * * * * /home/ec2-user/sync.sh
```
- The above line will sync files every minute. For every day use:  

```
* */1 * * * /home/ec2-user/sync.sh
```
- save with :wq!

#### **To exclude a file with certain extension:**

```
aws s3 sync /home/ec2-user/Documents/ s3://copy-file-saurav --exclude '*.rtf' --acl public-read --storage-class STANDARD_IA
```

#### **To exclude a file with public read permission and put in in s3- IA storage class:**

```
aws s3 sync /home/ec2-user/Documents/ s3://copy-file-saurav --acl public-read --storage-class STANDARD_IA
```

For further reference visit:

<http://docs.aws.amazon.com/cli/latest/reference/s3/index.html>