* **Mounting S3 Bucket on Ubuntu 18.04**

1. create a S3 Bucket on AWS with blocing the public Access

2. Create an Access ID by going into security credentials in My Account and download the credentials file.

3. Login to Linux machine and follow the following steps

a) create a directory as mount point as

# mkdir /home/ubuntu/s3\_uploads

b) create a file names passwd-s3fs in etc directory and copy and paste the downloaded access keys in this file

# vim /etc/passwd-s3fs

ACCESS\_KEY\_ID:SECRET\_ACCESS\_KEY -------------- paste secrets in this form in file

c) set the permission of creds file as 640

# chmod 640 /etc/passwd-s3fs

d) install following dependency packages

# sudo apt-get install automake autotools-dev fuse g++ git libcurl4-gnutls-dev libfuse-dev libssl-dev libxml2-dev make pkg-config

e) Clone s3fs source code from git

# git clone https://github.com/s3fs-fuse/s3fs-fuse.git

f) Now change to source code directory, and compile and install the code with the following commands

# cd s3fs-fuse

# ./autogen.sh

# ./configure --prefix=/usr --with-openssl

# make

# sudo make install

g) Mount the bucket using s3fs command

# s3fs your\_bucketName -o use\_cache=/tmp -o allow\_other -o uid=1001 -o mp\_umask=002 -o multireq\_max=5 /home/ubuntu/s3\_uploads

h) Permanently mount S3 Bucket using /etc/fstab file. Give following entry in /etc/fstab

# vim /etc/fstab

#S3 Bucket entry

s3fs#srjawsbucket01 /home/ubuntu/s3\_uploads fuse \_netdev,allow\_other 0 0

4. Reboot the machine and verify the S3 Bucket automounting

* **Important Links:-**

<https://cloudkul.com/blog/mounting-s3-bucket-linux-ec2-instance/>