

# How to copy folder, files in between S3 bucket?

IMPORTANT: Its better to keep the target bucket public, as it will create less issues when mounting it to an EC2 instance, or transferring the files. May be delete the data after the analysis is done.

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Effect": "Allow",
      "Action": [
        "s3:GetObject",
        "s3:ListBucket"
      ],
      "Resource": [
        "arn:aws:s3:::cellprofileraws",
        "arn:aws:s3:::cellprofileraws/*"
      ]
    },
    {
      "Effect": "Allow",
      "Action": [
        "s3:PutObject",
        "s3:ListBucket"
      ],
      "Resource": [
        "arn:aws:s3:::imagedprojects",
        "arn:aws:s3:::imagedprojects/*"
      ]
    }
  ]
}
```

1. First we need to create a policy which will enable us to transfer the files between the source and the destination bucket. For example, I am transferring some older

from my cellprofileraws (source) to imagedproject (destination). Now the policy that we need to make look like the one pasted on the top red box.

2. Now, paste the above policy, in the same format in clicking on **create new policy** in the **IAM Roles** and paste the policy in the JSON editor. Finally save it.
3. Finally attach the policy to the IAM roles that we want to.
4. To test if there is a proper file transfer use command

```
aws s3 cp s3://source-bucket/folder/ s3://destination-bucket/folder/ --  
recursive
```

IT SHOULD WORK NOW!!!!