

Role creation:

[] in iam select roles and create role

[] select AWS service and select EC2

[] in **Use cases for other AWS services: select EC2**

[] next

[] select which policy want to attach

[] next

[] give which name in role name and create role

S3 creation:

[]

To Grant Access To Only One S3 Bucket Using AWS IAM Policy

```
{  
  "Version": "2012-10-17",  
  "Statement": [  
    {  
      "Effect": "Allow",  
      "Action": [  
        "s3:GetBucketLocation",  
        "s3:ListAllMyBuckets"  
      ],  
    },  
  ],  
}
```

```

    "Resource": "arn:aws:s3:::*"
  },
  {
    "Effect": "Allow",
    "Action": [
      "s3:PutObject",
      "s3:GetObject",
      "s3:DeleteObject",
      "s3:PutObjectAcl"
    ],
    "Resource": [
      "arn:aws:s3:::gm111",
      "arn:aws:s3:::gm111/*"
    ]
  }
]
}

```

To create Policies

[] in **IAM**

[] select **policies** and **create policy** and click **JSON**

[] **paste code**

[] **next** and **policy name** and **create policy**

[] in **IAM** select **users / user group**

[] **select which user want to create policy** or if u want to create user create

[] in **permissions policies** select **add permissions**

[] select **attach policies directly**

[] **select** which police we created

[] **next** and **add permission**

[] check s3, which s3 we mention in above that s3 have permission to access, remain s3 we saw that bucket but we don't have permission to access