# **IAM Policies**

## **Problem Statement:**

You work for XYZ Corporation. To maintain the security of the AWS account and the resources you have been asked to implement a solution that can help easily recognize and monitor the different users.

#### Tasks to Be Performed:

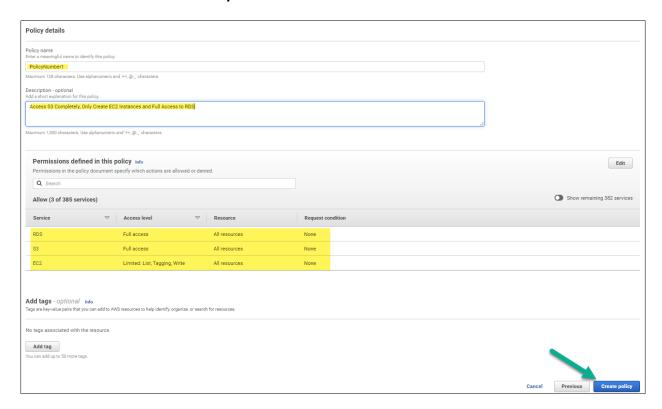
- 1. Create policy number 1 which lets the users:
  - a. Access S3 completely
  - b. Only create EC2 instances
  - c. Full access to RDS
- 2. Create a policy number 2 which allows the users to:
  - a. Access CloudWatch and billing completely
  - b. Can only list EC2 and S3 resources
- 3. Attach policy number 1 to the Dev Team from task 1
- 4. Attach policy number 2 to the Ops Team from task 1

#### <u>Answer</u>

Log in to the AWS Management Console and navigate to the IAM service



## Click on **Policies** → **Create Policy**

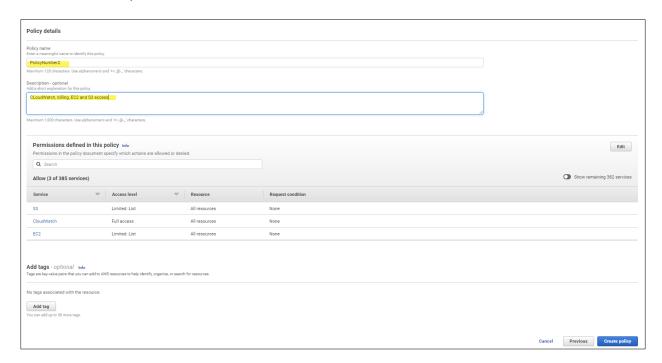


## **Create Policy**

```
{
    "Version": "2012-10-17",
    "Statement": [
        {
            "Sid": "VisualEditor0",
            "Effect": "Allow",
            "Action": [
                 "ec2:DescribeInstances",
                 "ec2:StartInstances",
                "rds:*",
"s3:*",
                 "ec2:CreateTags",
                 "ec2:DescribeInstanceAttribute",
                 "ec2:DescribeRegions",
                 "ec2:DescribeInstanceTypes",
                 "ec2:RunInstances",
                 "ec2:AssociateAddress",
                 "ec2:DescribeInstanceStatus"
            "Resource": "*"
        }
   ]
}
```

#### JSON Format Policy details

### Now create PolicyNumber2



## Create Policy, JSON Format policy details are below

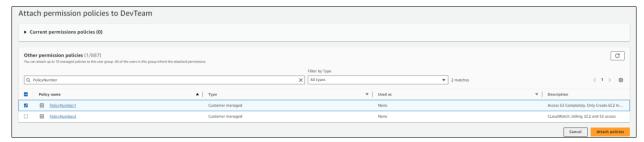
# **Attaching Policies to Groups**

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Select the group with which you want to associate a policy





Select the correct policy and "Attach the Policies"

Similar repeat attaching policy steps to OpsTeam Group



That's all for configuring the policies.