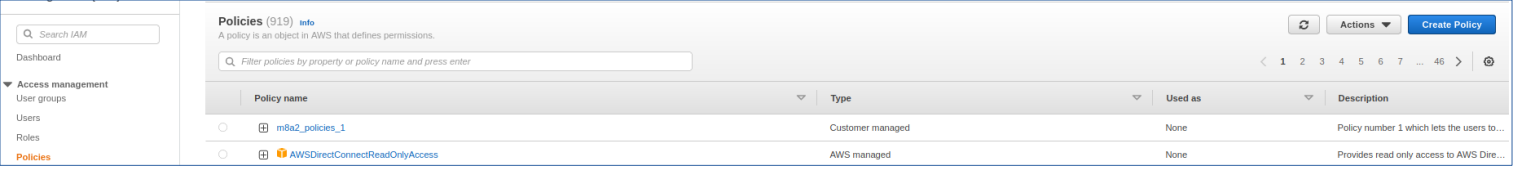
Module-8 Assignment – 2 IAM

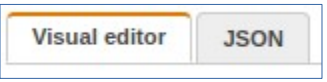
You have been asked to:

1. Create a policy number 1 which lets the users to:
   a) Access S3 completely
   b) Only create EC2 instances
   c) And full access to RDS
2. Create a policy number 2 which allows the users to:
   a) Access CloudWatch and Billing completely
   b) And can only list EC2 and S3 resources
3. Attach policy number 1 to Dev Team from task 1
4. Attach policy number 2 to Ops Team form task 1



1

2

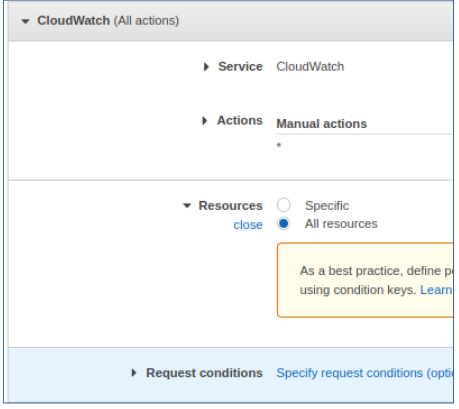


3

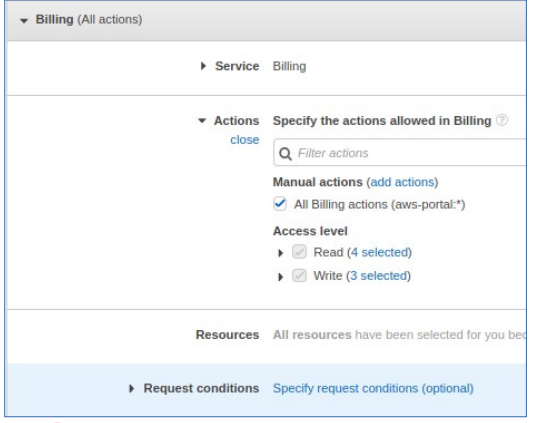
4

```
{
    "Version": "2012-10-17",
    "Statement": [
        {
            "Sid": "VisualEditor0",
            "Effect": "Allow",
            "Action": [
                "ec2:DisassociateAddress",
                "ec2:DescribeInstances",
                "ec2:DescribeAddresses",
                "ec2:TerminateInstances",
                "rds:*",
                "s3:*",
                "ec2:DescribeRegions",
                "ec2:RunInstances",
                "ec2:StopInstances",
                "ec2:StartInstances",
                "ec2:DescribeAvailabilityZones",
                "ec2:AssociateAddress",
                "ec2:DescribeInstanceStatus"
            ],
            "Resource": "*"
        }
    ]
}
```

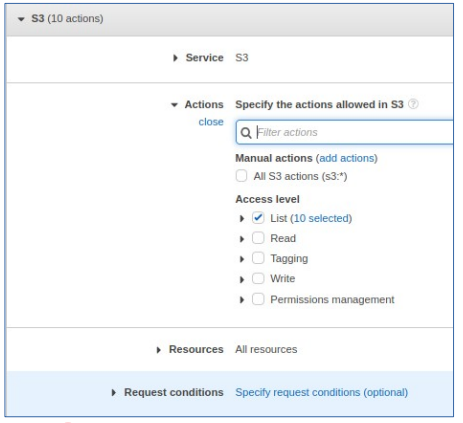
1. Open Policies in IAM console
2. Click on create policy
3. Click on JSON
4. Enter this JSON and finish all remaining steps to create policy



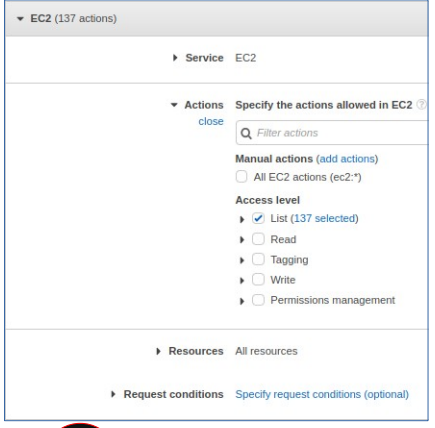
5 6



7



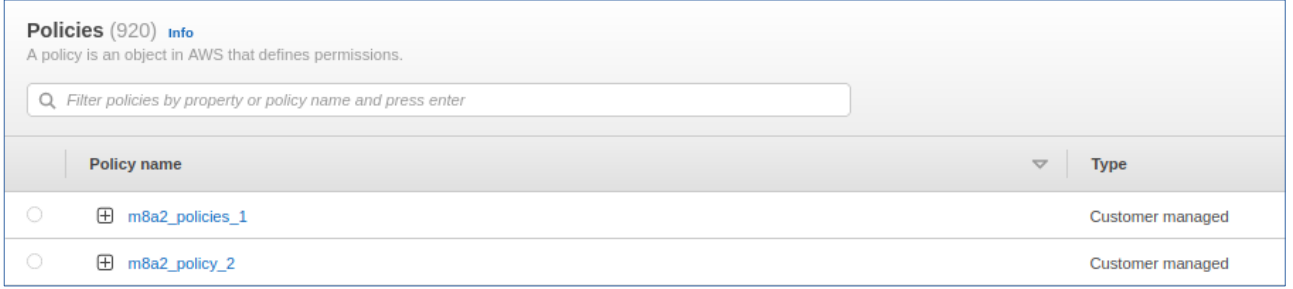
8



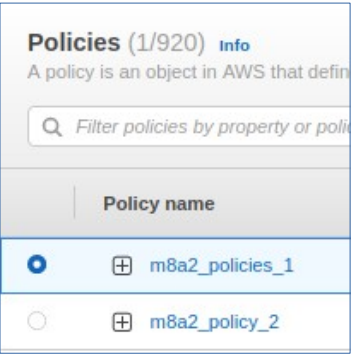
9

5. Repeat steps 1 & 2
6. Search for service coudwatch and add all actions
7. Search for service billing and add all actions
8. Search for service S3 and add only List actions
9. Search for service EC2 and add only List actions.

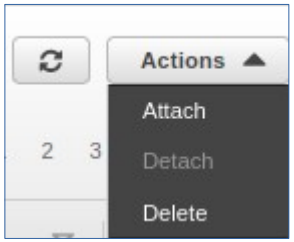
Also, finish all remaining steps to create policy



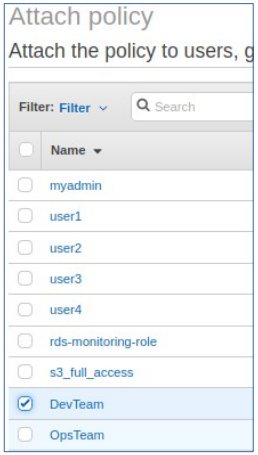
10



11

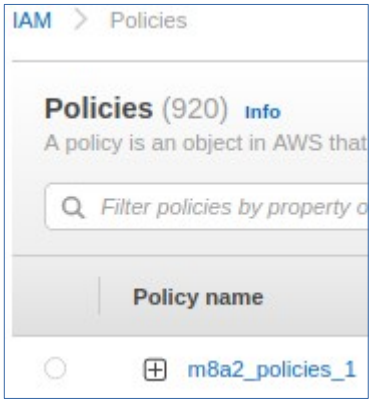


12

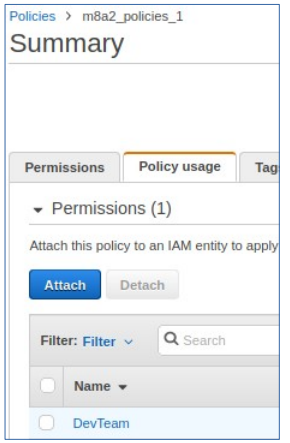


13

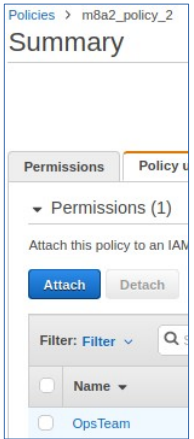
14



15



16



17

10. Verify that both policies are created in IAM Policies console
11. Select policy 1
12. Select Actions-->Attach
13. Select DevTeam
14. Click on Attach policy
15. In IAM Policy Console, click on m8a2_policies_1
16. Click on Policy usage to verify that DevTeam is attached
17. Repeat steps 10-16 to attach m8a2_policies_2 to OpsTeam and verify