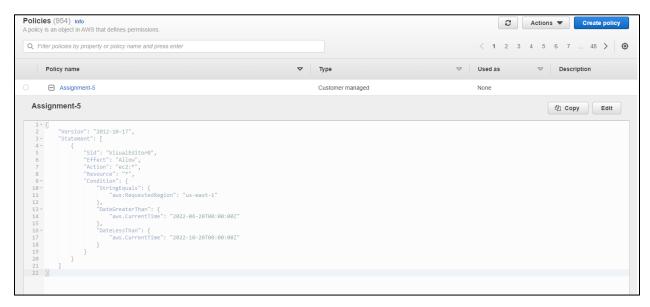
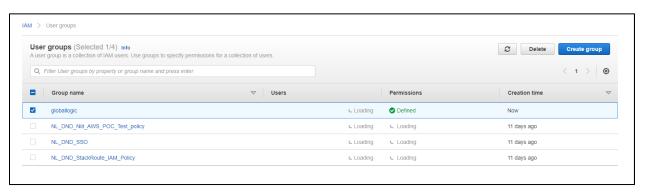
Assignment 5:: IAM- create group called as globallogic and assign permission to launch EC2 instance only in us-east-1(any available region) with specific duration in daytime.

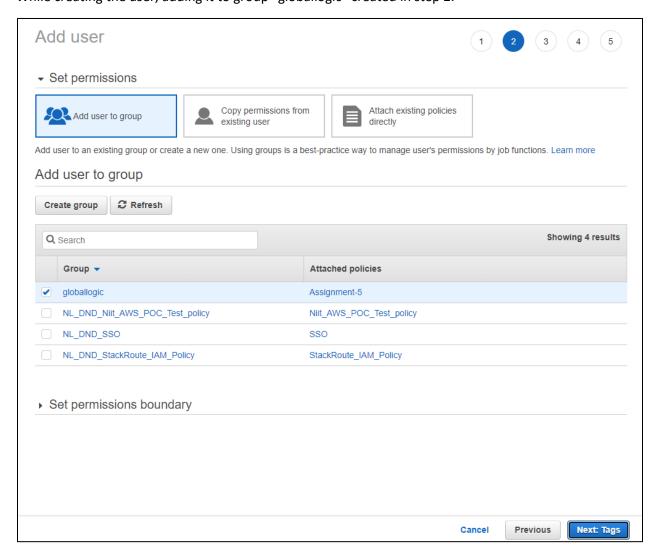
## Step 1 :: Create Custom Policy from AWS console

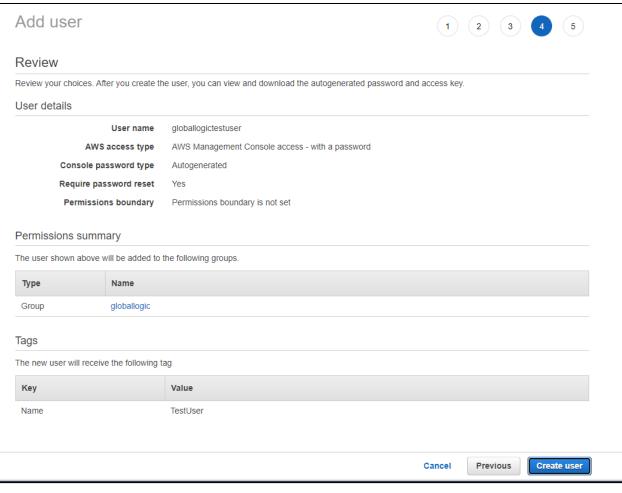


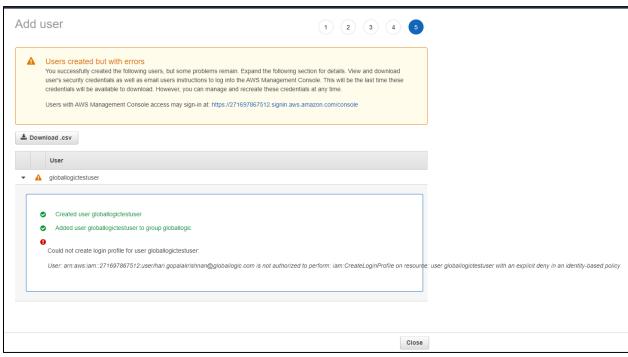
Step 2:: Created User group named "globallogic" using custom policy "Assignment-5" created in step 1.



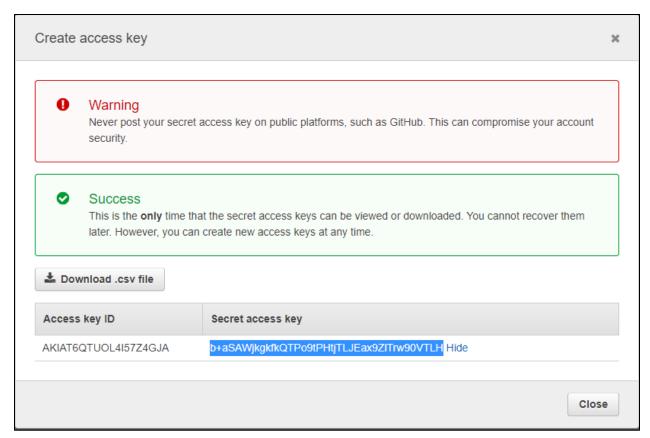
## Step 3 :: Creating a test username "globallogictestuser" with custom policy While creating the user, adding it to group "globallogic" created in step 2.



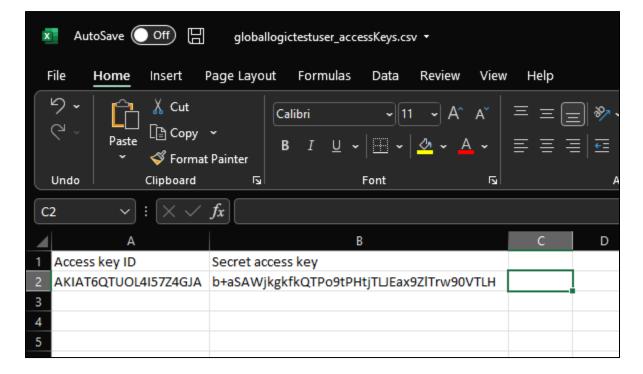




Step 4:: Created AWS Access Key ID and secret access key



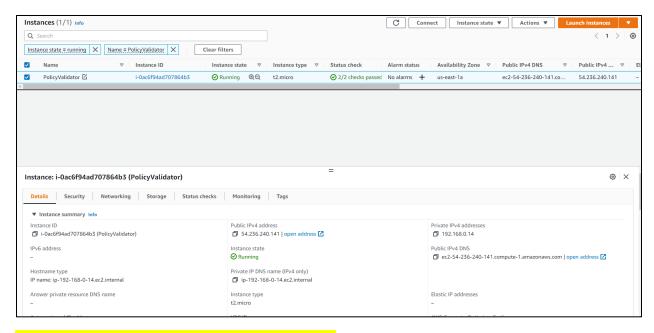
Step 5 :: aws configure using AWS Access Key ID for user "globallogictestuser"



## Step 6 :: Creating EC2 instance via AWS CLI

```
### State of the content of the cont
```

```
Administrator: Command Prompt
                                   "PrivateIpAddress": "192.168.0.14", "PrivateIpAddresses": [
                                                 "Primary": true,
"PrivateDnsName": "ip-192-168-0-14.ec2.internal",
"PrivateIpAddress": "192.168.0.14"
                                  ],
"SourceDestCheck": true,
"Status": "in-use",
"SubnetId": "subnet-0b1da42a865748d33",
"VpcId": "vpc-04b0132b5469f9777",
"InterfaceType": "interface"
                    ],
"RootDeviceName": "/dev/xvda",
"RootDeviceType": "ebs",
"SecurityGroups": [
                                   "GroupName": "ssh_http_sg",
"GroupId": "sg-0084c662da7a9e690"
                    ],
"SourceDestCheck": true,
                    "StateReason": {
    "Code": "pending",
    "Message": "pending"
                    },
"Tags": [
                                   "Key": "Name",
"Value": "PolicyValidator"
                    ],
"VirtualizationType": "hvm",
                    "CpuOptions": {
    "CoreCount": 1,
    "ThreadsPerCore": 1
                    },
"CapacityReservationSpecification": {
    "CapacityReservationPreference": "open"
                   "HttpEndpoint": "enabled",
"HttpProtocolIpv6": "disabled",
"InstanceMetadataTags": "disabled"
                    },
"EnclaveOptions": {
"Enabled": false
                    },
"PrivateDnsNameOptions": {
    "HostnameType": "ip-name",
                            "EnableResourceNameDnsARecord": false,
                            "EnableResourceNameDnsAAAARecord": false
                    },
"MaintenanceOptions": {
    "AutoRecovery": "default"
```



This confirms that IAM user can launch the instances

## **Negative Case:**

Changing the date lower than today and try the same launch instance

```
Permissions
              Policy usage
                            Tags
                                    Policy versions
                                                     Access Advisor
  Policy summary
                  {}JSON
                               Edit policy
    1 7
           "Version": "2012-10-17",
    3 ₹
           "Statement": [
    4 =
                   "Sid": "VisualEditor0",
                   "Effect": "Allow",
                   "Action": "ec2:*",
                   "Resource": "*",
                    "Condition": {
   9 +
   10 -
                        "StringEquals": {
                            "aws:RequestedRegion": "us-east-1"
                        "DateLessThanIfExists": {
   13 ₹
                           "aws:CurrentTime": "2022-06-20T00:00:00Z"
                        "DateGreaterThanIfExists": {
   16 -
                            "aws:CurrentTime": "2022-06-20T00:00:00Z"
                   }
               }
   22 }
```