

Identity and Access Management (IAM)



Dashboard

▼ Access management

Groups

Users

Roles

Policies

Identity providers

Account settings

▼ Access reports

Access analyzer

Archive rules

Analyzers

Settings

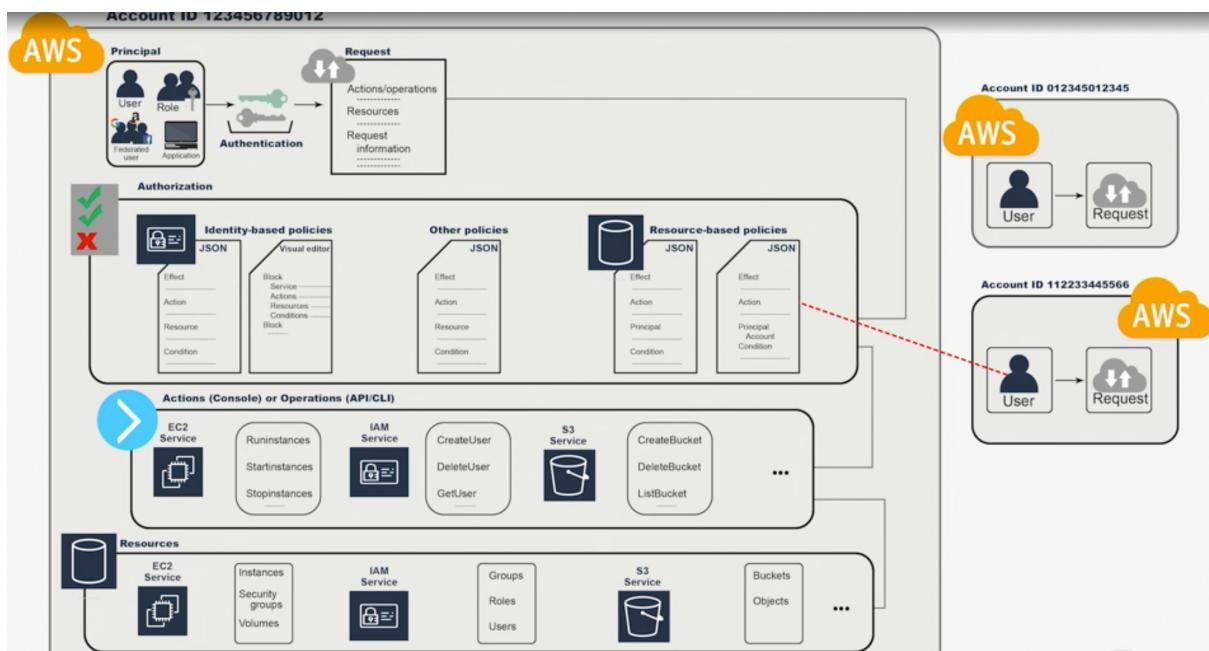
Credential report

Organization activity

Service control policies (SCPs)

Identity and Access Management Goals

- Access granted based on least privilege
- Control access to AWS resources
- Required by most credible security and compliance standards; **HIPAA, NIST, ITAR, FedRAMP, ISO**
- Third-party audits reaffirm that their mandated security controls are in place and functional



IAM > Groups > ec2-start-stop-group

▼ Summary

Group ARN: arn:aws:iam::776166080212:group/ec2-start-stop-group

Users (in this group): 1

Path: /

Creation Time: 2020-06-22 08:59 UTC+0400

Permissions

Managed Policies
The following managed policies are attached to this group:
Attach Policy

Policy Name
Ec2StopStartInstances

Inline Policies

Show Policy

```
{  
    "Version": "2012-10-17",  
    "Statement": [  
        {  
            "Effect": "Allow",  
            "Action": [  
                "ec2:DescribeInstances",  
                "ec2:StartInstances",  
                "ec2:StopInstances",  
                "ec2:DescribeInstanceStatus"  
            ],  
            "Resource": "*"  
        }  
    ]  
}
```

Cancel

Users > jenkins-ec2-plugin-user

Summary

User ARN: arn:aws:iam::776166080212:user/jenkins-ec2-plugin-user

Path: /

Creation time: 2019-12-25 14:17 UTC+0400

Permissions

▼ Permissions policies (4 policies applied)

Add permissions

Policy name	Policy type	X
jenkins-ec2-plugin-policy	Inline policy	X

Attached directly
▶ jenkins-ec2-plugin-policy

Attached from group
Show 3 more

▶ Permissions boundary (not set)

Roles > AWSReservedSSO_ek-billing-view_bf3ca8a3f1dd506b

Summary

Role ARN	arn:aws:iam::776166080212:role/aws-reserved/sso.amazonaws.com/eu-west-1/AWSReservedSSO_ek-billing-view_bf3ca8a3f1dd506b
Role description	Edit
Instance Profile ARNs	Edit
Path	/aws-reserved/sso.amazonaws.com/eu-west-1/
Creation time	2020-03-22 15:25 UTC+0400
Last activity	2020-04-16 11:25 UTC+0400 (76 days ago)
Maximum CLI/API session duration	12 hours Edit

[Permissions](#) [Trust relationships](#) [Tags](#) [Access Advisor](#) [Revoke sessions](#)

▼ Permissions policies (1 policy applied)

[Attach policies](#)

Policy name	Policy type
AwsSSOInlinePolicy	Inline policy

[Policy summary](#) [{ } JSON](#) [Edit policy](#)

```

1- {
2-   "Version": "2012-10-17",
3-   "Statement": [
4-     {
5-       "Sid": "VisualEditor0",
6-       "Effect": "Allow",
7-       "Action": [
8-         "aws-portal:View*",
9-         "budgets:View*",
10-        "ce:DescribeCostCategoryDefinition",
11-        "ce>ListCostCategoryDefinitions",
12-        "cur:DescribeReportDefinitions",
13-        "cur:PutReportDefinition",
14-        "cur:ModifyReportDefinition",

```

[Create policy](#) [Policy actions](#)

[Filter policies](#)

Policy name	Type	Used as	Description
AzureAD_SSOUUserRole_Policy	Customer managed	Permissions policy (1)	
Ec2StopStartInstances	Customer managed	Permissions policy (1)	Ec2StopStartInstances

Ec2StopStartInstances

[Ec2StopStartInstances](#)

[Policy summary](#) [{ } JSON](#) [Edit policy](#)

```

1- {
2-   "Version": "2012-10-17",
3-   "Statement": [
4-     {
5-       "Effect": "Allow",
6-       "Action": [
7-         "ec2:DescribeInstances",
8-         "ec2:StartInstances",
9-         "ec2:StopInstances",
10-        "ec2:DescribeInstanceStatus"
11-      ],
12-      "Resource": "*"
13-    }
14-  ]

```

[EK-CLOUDHEALTH-POLICY](#) Customer managed Permissions policy (1) Cloudhealth policy

[Jenkins_EC2_Policy](#) Customer managed Permissions policy (2)

Key Listing

```
aws iam list-access-keys --user-name Alice
```

```
{  
    "AccessKeyMetadata": [  
        {  
            "UserName": "Alice",  
            "Status": "Active",  
            "CreateDate": "2013-04-03T18:49:57Z",  
            "AccessKeyId": "AKIAI44QH8DHBEXAMPLE"  
        }  
    ]  
}
```

```
aws iam create-access-key --user-name Alice
```

```
{  
    "AccessKey": {  
        "UserName": "Alice",  
        "Status": "Active",  
        "CreateDate": "2013-09-06T17:11:57Z",  
        "SecretAccessKey": "wJalrXUtnFEMI/K7MDENG/bPxRfiCYzEXAMPLEKEY",  
        "AccessKeyId": "AKIAIOSFODNN7EXAMPLE"  
    }  
}
```

```
aws iam list-access-keys --user-name Alice
```

```
{  
    "AccessKeyMetadata": [  
        {  
            "UserName": "Alice",  
            "Status": "Active",  
            "CreateDate": "2013-04-03T18:49:57Z",  
            "AccessKeyId": "AKIAI44QH8DHBEEXAMPLE"  
        }  
    ]  
}
```

```
aws iam create-access-key --user-name Alice
```

```
{  
    "AccessKey": {  
        "UserName": "Alice",  
        "Status": "Active",  
        "CreateDate": "2013-09-06T17:11:57Z",  
        "SecretAccessKey": "wJalrXUtnFEMI/K7MDENG/bPxRfiCYz",  
        "AccessKeyId": "AKIAIOSFODNN7EXAMPLE"  
    }  
}
```