

## Introduction to aws Identity and Access management (IAM)

- IAM Users and Groups
- IAM Policies
- IAM Sign-in Url

The screenshot shows the AWS IAM console interface. The left sidebar contains the 'Identity and Access Management (IAM)' menu with options like Dashboard, Access management, Access reports, and Account settings. The main content area is titled 'User groups (4)' and includes a search bar and a table of user groups. The table has columns for Group name, Users, Permissions, and Creation time. The groups listed are EC2-Admin, EC2-Support, QLReadOnly, and S3-Support. The EC2-Support group is highlighted.

Group name	Users	Permissions	Creation time
EC2-Admin	0	Defined	7 minutes ago
EC2-Support	0	Defined	7 minutes ago
QLReadOnly	1	Defined	7 minutes ago
S3-Support	0	Defined	7 minutes ago

The screenshot shows the details of the 'EC2-Support' user group. The left sidebar is the same as the previous screenshot. The main content area is titled 'EC2-Support' and includes a 'Summary' section with fields for User group name, Creation time, and ARN. Below the summary are tabs for 'Users', 'Permissions', and 'Access advisor'. The 'Users' tab is active, showing 'Users in this group (0)' and a search bar. The table below the search bar is empty, indicating no users are currently in the group.

**Summary**

User group name	Creation time	ARN
EC2-Support	September 08, 2021, 16:09 (UTC+05:30)	arn:aws:iam::371476545856:group/spl66/EC2-Support

**Users in this group (0)**

User name	Groups	Last activity	Creation time
No resources to display			

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console.aws.amazon.com/iam/home#/policies/arn:aws:iam::aws:policy/AmazonEC2ReadOnlyAccess\$jsonEditor

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### Identity and Access Management (IAM)

- Dashboard
- Access management
  - User groups
  - Users
  - Roles
- Policies**
- Identity providers
- Account settings
- Access reports
  - Access analyzer
  - Archive rules
  - Analyzers
  - Settings
- Credential report
- Organization activity
- Service control policies

#### Policies > AmazonEC2ReadOnlyAccess

## Summary

**Policy ARN** arn:aws:iam::aws:policy/AmazonEC2ReadOnlyAccess

**Description** Provides read only access to Amazon EC2 via the AWS Management Console.

**Permissions** Policy usage Policy versions Access Advisor

**Policy summary** {} JSON

```
1 {
2   "Version": "2012-10-17",
3   "Statement": [
4     {
5       "Effect": "Allow",
6       "Action": "ec2:Describe*",
7       "Resource": "*"
8     },
9     {
10      "Effect": "Allow",
11      "Action": "elasticloadbalancing:Describe*",
12      "Resource": "*"
13    },
14    {
15      "Effect": "Allow",
16      "Action": [
17        "cloudwatch:ListMetrics"
```

read-only

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us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#Instances:

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### New EC2 Experience

Tell us what you think

#### EC2 Dashboard

- Events
- Tags
- Limits

#### Instances

- Instances** New
- Instance Types
- Launch Templates
- Spot Requests
- Savings Plans
- Reserved Instances New
- Dedicated Hosts
- Scheduled Instances
- Capacity Reservations

#### Images

- AMIs

#### Instances (1) Info

Filter instances

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
<input type="checkbox"/>	-	i-0153462433b4cc49f	Running	t3.micro	2/2 checks passed	No alarms	us-west-2a

Select an instance above

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Instances | EC2 Management console

us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#Instances:

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Instances New

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Spot Requests

Savings Plans

Reserved Instances New

Dedicated Hosts

Scheduled Instances

Capacity Reservations

Images

AMIs

Instances (1/1) Info

Filter Instances

<input checked="" type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
<input checked="" type="checkbox"/>	-	i-0153462433b4cc49f	Running	t3.micro	2/2 checks passed	No alarms	us-west-2a

Instance: i-0153462433b4cc49f

Details Security Networking Storage Status checks Monitoring Tags

Instance summary Info

Instance ID	Public IPv4 address	Private IPv4 addresses
i-0153462433b4cc49f	34.220.250.68   open address	10.1.11.152
IPv6 address	Instance state	Public IPv4 DNS
-	Running	ec2-34-220-250-68.us-west-2.compute.amazonaws.com   open address
Private IPv4 DNS	Instance type	Elastic IP addresses
-	t3.micro	-

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Instances | EC2 Management x +

us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#Instances:

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New EC2 Experience Tell us what you think

EC2 Dashboard

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Dedicated Hosts

Scheduled Instances

Capacity Reservations

Images

AMIs

Failed to stop the instance i-0153462433b4cc49f

You are not authorized to perform this operation. Encoded authorization failure message: c3pX5Vw-IOeffiQquKheVKoVi78nnsSHU63d7EF8NY0-rXtzCEtztJnqnUhAltQNExO3To1UCRSbHTBLwpPJggsUsq01zfsgXfZlbBF3x3ktPoh9OFa7h5O2DAEFryPBwV74a0LbARj9CKfZoz8IK8lh8-hgJT5CsDn-tfJ9U13wA3ub6Yt35mjJ5DuOM9q-bM3GgJ2P43mOJZFgHCYSz\_Dg2-Ryop0GLPqDfD9490ZJu\_OKhiKevizbf81o5AP9O0sJGVLvqQzUX8d-MoKU5f2qse8RRW6khas1XIHp-WBy-cAaiMGz8tB02cBIW0TUVgKwo7988Ypml\_TcqZ3YeyF\_aP9o7wzZp5K0JOLUH3cOly6ZqV5esoh-qipm7x1vqgeYHtqKAUDnwj4yWTYdNWKWU4qr-JKQIKfuPK5ERyVqkFmY12gFC3g0mfESQEEYqkkn9nj4K6QUshGpDkg8aMuDaPqxzXGQP4Rdu6Tc4N8Av2clcRbwwCQ859BxoAQV9OXvbaLg52IMmCy60QqKMoStu3RMP\_9WvewTzK2h\_IYV1yWysYRXIMPX\_MqlwZePh54srfwTHOKhN9UB1Nrwo77Mm3hMNsaaRNG3Yzd3xMeN7BQ5roArXlQmTVP1D553dz2Hi0s1sPaNYxhGLF0pdnYHDWY6U2OgFU5za3GPO05Q9RHkx0EhZLIV48lZecjwhOkddr2mbBmHe9AzG0trwIOVq9u8\_A36p3aPR\_hXtpDQVv4Ucutz03gPcmSKNcoMfe833xNr7nPHCGW8DEXa1YBQRfQqilyNtnRHZx6zi\_CVeMv7Fp6XbEMFvMr7e8hTmbFZqGoxitF4RkA

Instances (1/1) Info

Filter Instances

1

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
<b>Instance summary Info</b>						
Instance ID	i-0153462433b4cc49f		Public IPv4 address	34.220.250.68   <a href="#">open address</a>		
Private IPv4 address	10.1.11.152			Public IPv4 DNS		
IPV6 address	-		Instance state	Running		
Private IPv4 DNS	ec2-34-220-250-68.us-west-2.compute.amazonaws.com   <a href="#">open address</a>			Private IPv4 address		

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qls-33571653-1b42a7868 x +

s3.console.aws.amazon.com/s3/buckets/qls-33571653-1b42a7868ed1e87-s3bucket-16l95ioatm7d?region=us-west-2&tab=...

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Amazon S3

Buckets

Access Points

Object Lambda Access Points

Multi-Region Access Points

Batch Operations

Access analyzer for S3

Block Public Access settings for this account

Storage Lens

Dashboards

AWS Organizations settings

Feature spotlight 3

AWS Marketplace for S3

Amazon S3 > qls-33571653-1b42a7868ed1e87-s3bucket-16l95ioatm7d

qls-33571653-1b42a7868ed1e87-s3bucket-16l95ioatm7d Info

Objects Properties Permissions Metrics Management Access Points

Objects (0)

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 Inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

Copy S3 URI Copy URL Download Open Delete Actions

Create folder Upload

Find objects by prefix

Name	Type	Last modified	Size	Storage class
No objects				
You don't have any objects in this bucket.				

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