

Cloud Computing

UE19CS352

6th Semester, Academic Year 2021-22

Experiment #: 5 – AWS IAM

Date: 18/4/2022

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1a.png:

The screenshot shows the AWS IAM console interface. The left sidebar contains navigation links for Identity and Access Management (IAM), including Dashboard, Access management, Access reports, and Service control policies (SCPs). The main content area displays the details for the 'S3-Support' user group. A green banner at the top indicates 'Users added to this group.' The summary section shows the group's name, creation time (April 18, 2022, 13:48 UTC+05:30), and ARN (arn:aws:iam::244966601467:group/spl66/S3-Support). Below the summary, there are tabs for Users, Permissions, and Access Advisor. The 'Users' tab is active, showing a search bar and a table of users in the group. The table has columns for User name, Groups, Last activity, and Creation time. One user, 'user-1', is listed with a creation time of '10 minutes ago'.

User name	Groups	Last activity	Creation time
user-1		None	10 minutes ago

1b.png:

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 (User groups, Users, Roles, Policies, Identity providers, Account settings), Access reports (Access analyzer, Archive rules, Analyzers, Settings), Credential report, Organization activity, and Service control policies (SCPs). The main content area displays the 'EC2-Support' user group details. At the top, a green banner indicates 'Users added to this group.' The breadcrumb trail is 'IAM > User groups > EC2-Support'. The 'Summary' section shows the user group name 'EC2-Support', creation time 'April 18, 2022, 13:48 (UTC+05:30)', and ARN 'arn:aws:iam::244966601467:group/spl66/EC2-Support'. Below this, the 'Users' tab is active, showing 'Users in this group (1)' with a search bar and a table. The table has columns for checkboxes, User name, Groups, Last activity, and Creation time. One user is listed: 'user-2' with 1 group, no last activity, and created 12 minutes ago. Buttons for 'Delete', 'Edit', 'Remove users', and 'Add users' are visible.

Workspaces Applications Apr 18 2:00 PM

us-east-1.console.aws.amazon.com/iamv2/home#/groups/details/EC2-Support?section=users

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Identity and Access Management (IAM)

Search 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 (SCPs)

Users added to this group.

EC2-Support

Delete

Edit

Summary

User group name EC2-Support

Creation time April 18, 2022, 13:48 (UTC+05:30)

ARN arn:aws:iam::244966601467:group/spl66/EC2-Support

Users Permissions Access Advisor

Users in this group (1) Info

An IAM user is an entity that you create in AWS to represent the person or application that uses it to interact with AWS.

Search

1

Remove users Add users

	User name	Groups	Last activity	Creation time
<input type="checkbox"/>	user-2	1	None	12 minutes ago

Feedback

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1c.png:

The screenshot shows the AWS IAM console interface, similar to the previous one but for the 'EC2-Admin' user group. The left sidebar is identical. The main content area displays the 'EC2-Admin' user group details. The breadcrumb trail is 'IAM > User groups > EC2-Admin'. The 'Summary' section shows the user group name 'EC2-Admin', creation time 'April 18, 2022, 13:48 (UTC+05:30)', and ARN 'arn:aws:iam::244966601467:group/spl66/EC2-Admin'. Below this, the 'Users' tab is active, showing 'Users in this group (1)' with a search bar and a table. The table has columns for checkboxes, User name, Groups, Last activity, and Creation time. One user is listed: 'user-3' with 1 group, no last activity, and created 12 minutes ago. Buttons for 'Delete', 'Edit', 'Remove users', and 'Add users' are visible.

Workspaces Applications Apr 18 2:01 PM

us-east-1.console.aws.amazon.com/iamv2/home#/groups/details/EC2-Admin?section=users

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Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

User groups

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Identity providers

Account settings

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Access analyzer

Archive rules

Analyzers

Settings

Credential report

Organization activity

Service control policies (SCPs)

Users added to this group.

EC2-Admin

Delete

Edit

Summary

User group name EC2-Admin

Creation time April 18, 2022, 13:48 (UTC+05:30)

ARN arn:aws:iam::244966601467:group/spl66/EC2-Admin

Users Permissions Access Advisor

Users in this group (1) Info

An IAM user is an entity that you create in AWS to represent the person or application that uses it to interact with AWS.

Search

1

Remove users Add users

	User name	Groups	Last activity	Creation time
<input type="checkbox"/>	user-3	1	None	12 minutes ago

Feedback

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2a.png:

The screenshot shows the AWS Management Console for the EC2 service. The top navigation bar includes 'Workspaces' and 'Applications'. The main content area displays the 'Instances (1/1)' page. A red error banner at the top states: 'Failed to stop the instance i-06d5e708aa4722d12. You are not authorized to perform this operation. Encoded authorization failure message: QfBWdNGBLc-QSjLpPCHB61GRdAmrA_2AiW7xdkXu4uASTmt4p6VBHQ8X-RZpVW43MnsStepbk-qC3AT4ocvnyEsMclJ1Y73A-JlhnQ126cYAV_EQAMagW2d4y15G89pJk_6GVw0Lp23Y1NRBPMfzo78FAGqNeZ3Tf86PA1344qWaMWkmpRuZmGCUVWN96Drdo5721G1V2MEJKkyPYAPdc-Ux8DUhHYT-hfPYOJ8GpWV2IaeF9bk3aLuX7_hkWeSajKvXBHC_Rn77G5X-339psyNUz1f8IRH4JpY0IGepJ4L-XZ4euzZG0d4F0784u8YVW708P4p-wd4aT43YCAp0A35gsERON_eikOLAT9EJGj5_milUYNE8m6w328e5m0lknKuzimav_KjKsmNDPT4RUhGEsBCKlGg0NaiphHt6hwzrPD7PMbaSL04JWcRtOHGtMe5JzeimK3SPRQKIWrRU_vH2ejNxiYIPUcj51e7T5mt7JUS_PX_UiH1Rx06LxIFQwmK0eiKrDJR7guM5e2Jo9WZawfBv5mMihTAbuPA2KPSvkGybs1PyA-GhmTNTfNV062bmsNre5p3C7edP80bly-XZVZ0FG3GCVJX02Mn3doABoy3PgoTYiHqDUAFX0PmyGibV2qPQrQITDvd02UWcrjVJec3upPDFQjbbWIKD7Py63UwapZFJhcOeJpJwLKNlqVxKZdg5EI211yUw6i3oXqjQNPmGRoUI6L3CncPal9J6vrMSkKldTihH7Px1LlfnzRG4F3B2qftFdG52Da8WPLOZHCdqb32id74gWeBqEjy_Z5C36W8kr9-sLn46XgYgY'.

The instance details for **i-06d5e708aa4722d12** are as follows:

Property	Value
Instance ID	i-06d5e708aa4722d12
Public IPv4 address	54.203.12.234 open address
Private IPv4 addresses	10.1.11.252
Instance state	Running
Public IPv4 DNS	ec2-54-203-12-234.us-west-2.compute.amazonaws.com open address
Answer private resource DNS name	-
VPC ID	vpc-0e281e54778a347ca (Lab VPC) open address
IPV6 address	-
Hostname type	-
IP name	ip-10-1-11-252.us-west-2.compute.internal
Private IP DNS name (IPv4 only)	ip-10-1-11-252.us-west-2.compute.internal
Elastic IP addresses	-
Instance type	t3.micro

2b.png:

The screenshot shows the AWS Management Console for the S3 service. The top navigation bar includes 'Workspaces' and 'Applications'. The main content area displays the 'Buckets' page. A red error banner at the top states: 'You don't have permissions to list buckets. After you or your AWS administrator have updated your permissions to allow the s3:ListAllMyBuckets action, refresh this page. Learn more about Identity and access management in Amazon S3'.

The account snapshot shows the following information:

Property	Value
Account snapshot	Storage lens provides visibility into storage usage and activity trends. Learn more

The buckets list is currently empty. The table headers are:

Name	AWS Region	Access	Creation date
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2c.png:

WorkspacesApplications

Apr 18 2:21 PM

Instances | EC2 Management console

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←→↺

https://us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#instances:instanceState=running

🔍

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Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Volumes

Snapshots

Lifecycle Manager

Network & Security

Security Groups

Elastic IPs

Placement Groups

Feedback

Successfully stopped i-06d5e708aa4722d12

Instances (1/1)

Search

Instance state = running

Clear filters

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS	Public IPv4 ...	Elastic IP
<input checked="" type="checkbox"/>	-	i-06d5e708aa4722d12	Stopping	t3.micro	2/2 checks passed	No alarms	us-west-2a	ec2-54-203-12-234.us-...	54.203.12.234	-

Instance: i-06d5e708aa4722d12

Select an instance above

Details

Security

Networking

Storage

Status checks

Monitoring

Tags

Instance summary

Instance ID

i-06d5e708aa4722d12

Public IPv4 address

54.203.12.234 | open address

Private IPv4 addresses

10.1.11.252

IPv6 address

-

Instance state

Stopping

Public IPv4 DNS

ec2-54-203-12-234.us-west-2.compute.amazonaws.com | open address

Hostname type

Private IP DNS name (IPv4 only)

ip-10-1-11-252.us-west-2.compute.internal

Answer private resource DNS name

-

IP name: ip-10-1-11-252.us-west-2.compute.internal

Elastic IP addresses

-

VPC ID

vpc-0e281e54778a347ca (Lab VPC)

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