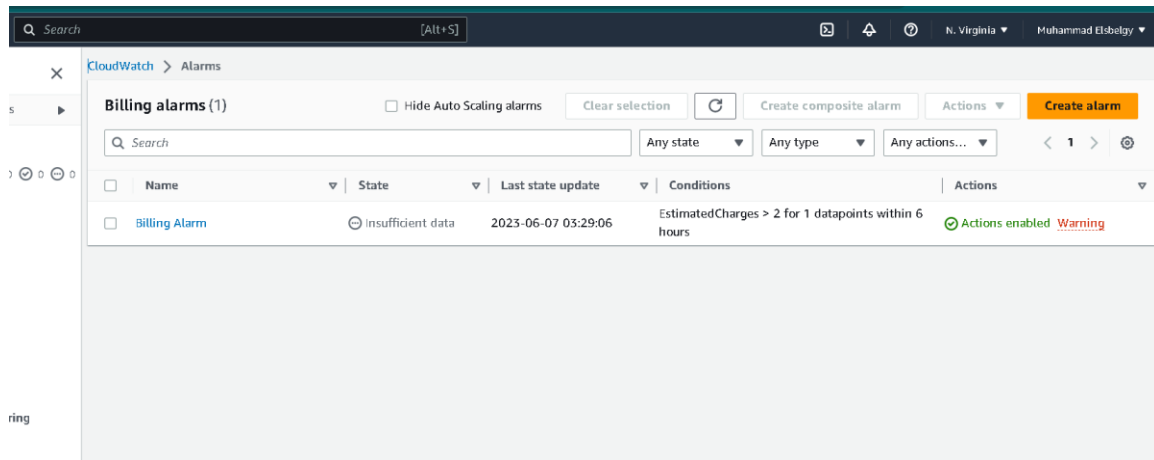
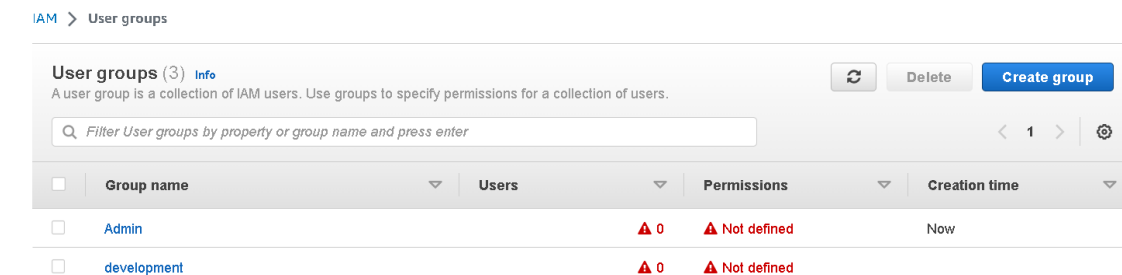


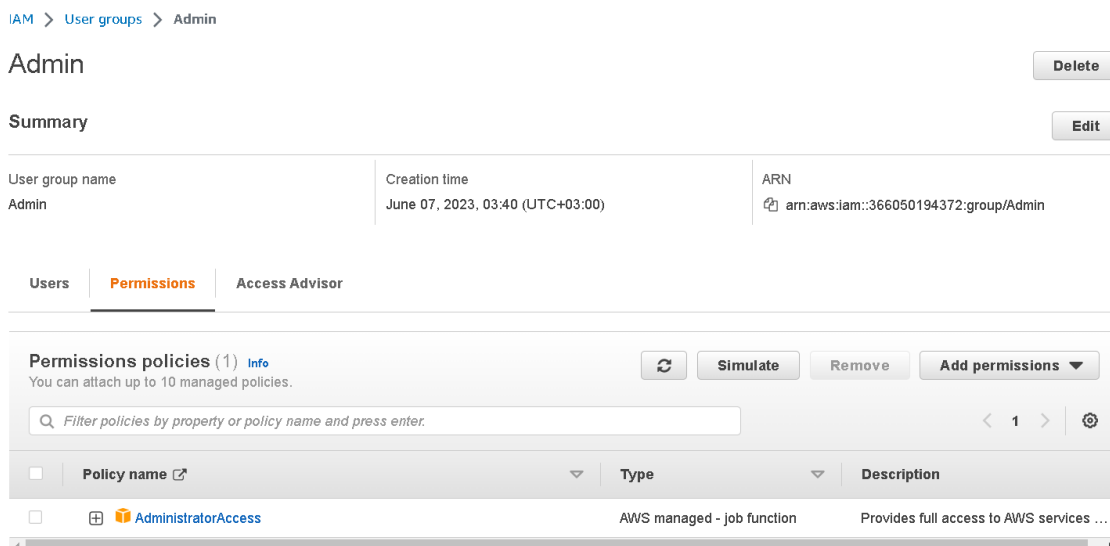
Create aws account and set billing alarm



Create 2 groups one admin and one for development



In the admin group it has admin permission, and in the development only access to s3



development

Delete

Summary

Edit

| | | |
|-----------------|----------------------------------|---|
| User group name | Creation time | ARN |
| development | June 07, 2023, 03:41 (UTC+03:00) | arn:aws:iam::366050194372:group/development |

UsersPermissionsAccess Advisor

Permissions policies (1) Info

You can attach up to 10 managed policies.



Simulate

Remove

Add permissions

Filter policies by property or policy name and press enter.

1

| <input type="checkbox"/> | Policy name | Type | Description |
|--------------------------|--------------------|-------------|--|
| <input type="checkbox"/> | AmazonS3FullAccess | AWS managed | Provides full access to all buckets via t... |

Create admin-1 user console access and MFA enabled in admin group

admin-1

Delete

Summary

| | | |
|--|----------------------|--------------|
| ARN | Console access | Access key 1 |
| arn:aws:iam::366050194372:user/admin-1 | Enabled with MFA | Not enabled |
| Created | Last console sign-in | Access key 2 |
| June 07, 2023, 03:51 (UTC+03:00) | Never | Not enabled |

PermissionsGroups (1)TagsSecurity credentialsAccess Advisor

User groups membership (1)

A user group is a collection of IAM users. Use groups to specify permissions for a collection of users. A user can be a member of up to 10 groups at a time.



Remove

Add user to groups

| <input type="checkbox"/> | Group name | Attached policies |
|--------------------------|------------|---------------------|
| <input type="checkbox"/> | Admin | AdministratorAccess |

And admin2-prog with cli access only and list all users and groups using Commands not console

admin2-prog

Delete

Summary

| | | |
|---|----------------------------|--|
| ARN arn:aws:iam::366050194372:user/admin2-prog | Console access Disabled | Access key 1 AKIAVKOSKWPENG77CTXS - Active <small>Never used. Created today.</small> |
| Created June 07, 2023, 04:01 (UTC+03:00) | Last console sign-in - | Access key 2 Not enabled |

Permissions

Groups (1)

Tags

Security credentials

Access Advisor

Permissions policies (1)

Permissions are defined by policies attached to the user directly or through groups.

Search

All types

< 1 >

| <input type="checkbox"/> | Policy name | Type | Attached via |
|--------------------------|---------------------|----------------------------|-----------------------|
| <input type="checkbox"/> | AdministratorAccess | AWS managed - job function | Directly, Group Admin |

C:\Windows\system32\cmd.exe - aws iam list-users

Default region name [None]:
Default output format [None]:

C:\Users\user>cd ./aws
The system cannot find the path specified.

C:\Users\user>cd ./aws/

C:\Users\user\aws>aws iam list-users
{
 "Users": [
 {
 "Path": "/",
 "UserName": "admin-1",
 "UserId": "AIDAVKOSKWPENGVCFWY",
 "Arn": "arn:aws:iam::366050194372:user/admin-1",
 "CreateDate": "2023-06-07T00:51:30+00:00"
 },
 {
 "Path": "/",
 "UserName": "admin2-prog",
 "UserId": "AIDAVKOSKWP5D3XW",
 "Arn": "arn:aws:iam::366050194372:user/admin2-prog",
 "CreateDate": "2023-06-07T01:01:18+00:00"
 },
 {
 "Path": "/",
 "UserName": "sprints",
 "UserId": "AIDAVKOSKWP5D3XW",
 "Arn": "arn:aws:iam::366050194372:user/sprints",
 "CreateDate": "2023-06-07T01:01:18+00:00"
 }
]
}

```
C:\Users\user\.aws>
C:\Users\user\.aws>
C:\Users\user\.aws>
C:\Users\user\.aws>aws iam list-groups
{
  "Groups": [
    {
      "Path": "/",
      "GroupName": "Admin",
      "GroupId": "AGPAVKOSKWPCQ5WKFFMZ",
      "Arn": "arn:aws:iam::366050194372:group/Admin",
      "CreateDate": "2023-06-07T00:40:32+00:00"
    },
    {
      "Path": "/",
      "GroupName": "development",
      "GroupId": "AGPAVKOSKWPCAPQ7OOYBG",
      "Arn": "arn:aws:iam::366050194372:group/development",
      "CreateDate": "2023-06-07T00:41:09+00:00"
    },
    {
      "Path": "/",
      "GroupName": "SPRINTS",
      "GroupId": "AGPAVKOSKWPCFZGFWK2BN",
      "Arn": "arn:aws:iam::366050194372:group/SPRINTS",
      "CreateDate": "2023-06-06T23:38:29+00:00"
    }
  ]
}
```

in the development group create user with name dev-user with programmatic and console access then try to access aws using it (take a screenshot from accessing ec2 and s3 console)

development

Delete

Summary

Edit

| | | |
|--------------------------------|---|---|
| User group name development | Creation time June 07, 2023, 03:41 (UTC+03:00) | ARN arn:aws:iam:366050194372:group/development |
|--------------------------------|---|---|


Users | Permissions | Access Advisor


Users in this group (1)

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

[Refresh](#) [Remove users](#) [Add users](#)

Search

< 1 > 

| <input type="checkbox"/> | User name  | Groups | Last activity | Creation time |
|--------------------------|---|--------|---------------|---------------|
| <input type="checkbox"/> | dev-user | 1 | None | 4 minutes ago |

dev-user

Delete

Summary

| | | |
|---|---|---|
| ARN arn:aws:iam:366050194372:user/dev-user | Console access Enabled with MFA | Access key 1 AKIAVKSQKWPCOL4BMSNX - Active Never used. Created today. |
| Created June 07, 2023, 04:15 (UTC+03:00) | Last console sign-in Never | Access key 2 Not enabled |

Permissions | Groups (1) | Tags (1) | Security credentials | Access Advisor

User groups membership (1)

A user group is a collection of IAM users. Use groups to specify permissions for a collection of users. A user can be a member of up to 10 groups at a time.

[Refresh](#) [Remove](#) [Add user to groups](#)

| <input type="checkbox"/> Group name ↗ | Attached policies ↗ |
|---|-------------------------------------|
| <input type="checkbox"/> development | AmazonS3FullAccess |

dev-user

Delete

Summary

| | | |
|---|---|---|
| ARN arn:aws:iam:366050194372:user/dev-user | Console access Enabled with MFA | Access key 1 AKIAVKSQKWPCOL4BMSNX - Active Never used. Created today. |
| Created June 07, 2023, 04:15 (UTC+03:00) | Last console sign-in Never | Access key 2 Not enabled |

Permissions | Groups (1) | Tags (1) | Security credentials | Access Advisor

Permissions policies (3)

Permissions are defined by policies attached to the user directly or through groups.

[Refresh](#) [Remove](#) [Add permissions](#)

| <input type="text" value="Search"/> | All types | < 1 > Filter |
|--|-------------|---|
| <input type="checkbox"/> Policy name ↗ | Type | Attached via ↗ |
| <input type="checkbox"/> AmazonEC2FullAccess | AWS managed | Directly |
| <input type="checkbox"/> AmazonS3FullAccess | AWS managed | Directly, Group development |
| <input type="checkbox"/> IAMUserChangePassword | AWS managed | Directly |

[Alt+S]

Global

dev-user @ elsbelgy

IAM dashboard

Security recommendations

Access denied

You don't have permission to *iam:GetAccountSummary*. To request access, copy the following text and send it to your AWS administrator. [Learn more about troubleshooting access denied errors.](#)

User: arn:aws:iam::366050194372:user/dev-user

Service: iam

Action: GetAccountSummary

On resource(s): *

Context: no identity-based policy allows the iam:GetAccountSummary action

Copy

Access denied

You don't have permission to *iam:ListMFADevices*. To request access, copy the following text and send it to your AWS administrator. [Learn more about troubleshooting access denied errors.](#)

User: arn:aws:iam::366050194372:user/dev-user

Service: iam

Action: ListMFADevices

On resource(s): user

Context: because no identity-based policy allows the iam:ListMFADevices action

Copy

Access denied

AWS Account

Access denied

You don't have permission to *iam:ListAccountAliases*. To request access, copy the following text and send it to your AWS administrator. [Learn more about troubleshooting access denied errors.](#)

On resource(s): *

Context: no identity-based policy allows the iam:ListAccountAliases action

Copy

Quick Links

[My security credentials](#)

Manage your access keys, multi-factor

Dev-user

```
C:\Users\user>aws iam list-users

An error occurred (AccessDenied) when calling the ListUsers operation: User: arn:aws:iam::366050194372:user/dev-user is not authorized to perform: iam:ListUsers on resource: arn:aws:iam::366050194372:user/ because no identity-based policy allows the iam:ListUsers action

C:\Users\user>
```

```
C:\Users\user>aws iam list-groups

An error occurred (AccessDenied) when calling the ListGroups operation: User: arn:aws:iam::366050194372:user/dev-user is not authorized to perform: iam:ListGroups on resource: arn:aws:iam::366050194372:group/ because no identity-based policy allows the iam:ListGroups action

C:\Users\user>
```