

us-east-1

```
Resolving Dependencies
--> Running transaction check
--> Package dos2unix.x86_64 0:6.0.3-7.amzn2.0.3 will be installed
--> Finished Dependency Resolution
```

Dependencies Resolved

Package	Arch	Version	Repository	Size
Installing: dos2unix	x86_64	6.0.3-7.amzn2.0.3	amzn2-core	75 k

Transaction Summary

Install 1 Package

Total download size: 75 k

Installed size: 190 k

Downloading packages:

dos2unix-6.0.3-7.amzn2.0.3.x86_64.rpm

Running transaction check

Running transaction test

Transaction test succeeded

Running transaction

Installing : dos2unix-6.0.3-7.amzn2.0.3.x86_64

Verifying : dos2unix-6.0.3-7.amzn2.0.3.x86_64

Installed:

dos2unix.x86_64 0:6.0.3-7.amzn2.0.3

Complete!

[cloudshell-user@ip-10-1-181-111 ~]\$

[cloudshell-user@ip-10-1-181-111 ~]\$

dos2unix \$INPUT

```
while read -r user group password || [ -n "$user" ]
do
    if [ "$user" != "user" ]; then
        aws iam create-user --user-name $user
        aws iam create-login-profile --password-reset-required --user-name $user --password $password
        aws iam add-user-to-group --group-name $group --user-name $user
    fi
done < $INPUT
```

```
IFS=$OLDIFS[cloudshell-user@ip-10-1-181-111 ~]$ clear
```

```
total 8
-rwxrwxr-x 1 cloudshell-user cloudshell-user 829 Nov 13 2021 aws-iam-create-user.sh
```

```
-rw-rw-r-- 1 cloudshell-user cloudshell-user 211 Nov 19 19:38 users2.csv
```

```
[cloudshell-user@ip-10-1-181-111 ~]$ cat users2.csv
```

```
user,group,password
```

```
jane.doe,DBA,ChangeMe123456!
```

```
michael.scott,NetworkAdmin,ChangeMe123456!
```

```
barbara.brown,CloudAdmin,ChangeMe123456!
```

```
brian.garcia,LinuxAdmin,ChangeMe123456!
```

```
philip.jack,DBA,ChangeMe123456!
```

```
[cloudshell-user@ip-10-1-181-111 ~]$ ./aws-iam-create-user.sh users2.csv
```

```
dos2unix: converting file users2.csv to Unix format ...
```

```
{
  "User": {
    "Path": "/",
    "UserName": "jane.doe",
    "UserId": "AIDAYYVP2SALG3WFXIYV0",
    "Arn": "arn:aws:iam::602737905686:user/jane.doe",
    "CreateDate": "2022-11-19T19:39:07+00:00"
  }
}
```

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```
    "Arn": "arn:aws:iam::602737905686:user/michael.scott",
    "CreateDate": "2022-11-19T19:39:09+00:00"
  }
}
{
  "LoginProfile": {
    "UserName": "michael.scott",
    "CreateDate": "2022-11-19T19:39:10+00:00",
    "PasswordResetRequired": true
  }
}
{
  "User": {
    "Path": "/",
    "UserName": "barbara.brown",
    "UserId": "AIDAYVP2SALJJPHBMM4",
    "Arn": "arn:aws:iam::602737905686:user/barbara.brown",
    "CreateDate": "2022-11-19T19:39:12+00:00"
  }
}
{
  "LoginProfile": {
    "UserName": "barbara.brown",
    "CreateDate": "2022-11-19T19:39:13+00:00",
    "PasswordResetRequired": true
  }
}
{
  "User": {
    "Path": "/",
    "UserName": "brian.garcia",
    "UserId": "AIDAYVP2SALGCMCPBMB0",
    "Arn": "arn:aws:iam::602737905686:user/brian.garcia",
    "CreateDate": "2022-11-19T19:39:14+00:00"
```

```

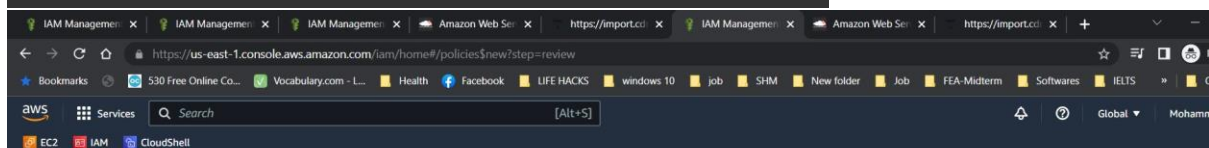
{
  "User": {
    "Path": "/",
    "UserName": "brian.garcia",
    "UserId": "AIDAYYVP2SALGCMCPBMO",
    "Arn": "arn:aws:iam::602737905686:user/brian.garcia",
    "CreateDate": "2022-11-19T19:39:14+00:00"
  }
}
{
  "LoginProfile": {
    "UserName": "brian.garcia",
    "CreateDate": "2022-11-19T19:39:15+00:00",
    "PasswordResetRequired": true
  }
}
{
  "User": {
    "Path": "/",
    "UserName": "philip.jack",
    "UserId": "AIDAYYVP2SALDNZDBLGX2",
    "Arn": "arn:aws:iam::602737905686:user/philip.jack",
    "CreateDate": "2022-11-19T19:39:17+00:00"
  }
}
{
  "LoginProfile": {
    "UserName": "philip.jack",
    "CreateDate": "2022-11-19T19:39:18+00:00",
    "PasswordResetRequired": true
  }
}
}
[cloudshell-user@ip-10-1-181-111 ~]$

```

```

[cloudshell-user@ip-10-1-181-111 ~]$ cat users2.csv
user,group,password
jane.doe,DBA,ChangeMe123456!
michael.scott,NetworkAdmin,ChangeMe123456!
barbara.brown,CloudAdmin,ChangeMe123456!
brian.garcia,LinuxAdmin,ChangeMe123456!
philip.jack,DBA,ChangeMe123456!
[cloudshell-user@ip-10-1-181-111 ~]$

```



Create policy

1 2 3

Review policy

Name*

Use alphanumeric and '+, @, _' characters. Maximum 128 characters.

Description

Maximum 1000 characters. Use alphanumeric and '+, @, _' characters.

Summary

Filter			
Service	Access level	Resource	Request condition
Explicit deny (340 of 340 services)			
Access Analyzer	Full access	All resources	aws:MultiFactorAuthPresent Bool false (If Exists)
Account	Full access	All resources	aws:MultiFactorAuthPresent Bool

aws

Services

Search

[Alt+S]

Global

Mohammed Saad

EC2

IAM

CloudShell

Identity and Access Management (IAM)

Introducing the new Policies list experience

The policy EnforceMFAPolicy has been created.

Search IAM

Dashboard

IAM > Policies

aws

Services

Search

[Alt+S]

Global

barbara.brown @ 6027-3790-5686

EC2

IAM

CloudShell

Identity and Access Management (IAM)

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User groups

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Roles

Policies

Identity providers

Account settings

Access reports

Access analyzer

Unable to load search

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Archive rules

Analysts

Custom

My security credentials

Account details

User name: barbara.brown (created on 2022-11-19 14:39 EST)

User ARN: arn:aws:iam::602737905686:user/barbara.brown

AWS account ID: 602737905686

Account canonical user ID: 69bfde471212e9067b5f82a350332c2328b3ebf283a4a3987c1fba504d0ec9c

AWS IAM credentials

AWS CodeCommit credentials

Amazon MCS credentials

Password for console access

Security recommendations

Access denied

You don't have permission to iam:GetAccountSummary. Copy the below request and send to your AWS administrator to request permission.

User: arn:aws:iam::602737905686:user/barbara.brown

Service: iam

Action: GetAccountSummary

On resource(s): *

Context: with an explicit deny in an identity-based policy

You have MFA

Having multi-factor authentication (MFA) for the root user improves security for this account.

You do not have the permission required to perform this operation. Ask your administrator to add permissions.

User: arn:aws:iam::602737905686:user/barbara.brown is not authorized to perform: iam:ListAccessKeys on resource: user barbara.brown with an explicit deny in an identity-based policy

IAM resources

Access denied

Quick Links

My security credentials

Manage your access keys, multi-factor authentication (MFA) and other credentials.

Tools

Policy simulator

The simulator evaluates the policies that you choose and determines the effective permissions for each of the actions that you specify.

Web identity federation playground

Authenticate yourself to any of the supported web identity providers, see the requests and responses, obtain a set of temporary security credentials, and make calls to the Amazon S3 API

aws

Services

Search

[Alt+S]

Global

barbara.brown @ 6027-3790-5686

EC2

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Identity and Access Management (IAM)

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Analizers

Credential report

Introducing the new Users list experience

We've redesigned the Users list experience to make it easier to use. [Let us know what you think.](#)

IAM > Users

Users (6) Info

An IAM user is an identity with long-term credentials that is used to interact with AWS in an account.

Find users by username or access key

< 1 >

	User name	Groups	Last activity	MFA	Password age	Active key age
<input type="checkbox"/>	barbara.brown	CloudAdmin	Now	Virtual	5 minutes ago	-
<input type="checkbox"/>	brian.garcia	LinuxAdmin	Never	None	58 minutes ago	-
<input type="checkbox"/>	jane.doe	DBA	11 minutes ago	None	50 minutes ago	-
<input type="checkbox"/>	michael.scott	NetworkAdmin	Never	None	59 minutes ago	-
<input type="checkbox"/>	philip.jack	DBA	Never	None	58 minutes ago	-
<input type="checkbox"/>	terraform	None	31 days ago	None	None	38 days ago

aws

Services

Search

[Alt+S]

Global

barbara.brown @ 6027-3790-5686

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IAM dashboard

Security recommendations

Root user has MFA

Having multi-factor authentication (MFA) for the root user improves security for this account.

You have MFA

Having multi-factor authentication (MFA) for the root user improves security for this account.

Your user, barbara.brown, does not have any active access keys that have been unused for more than a year.

Deactivating or deleting unused access keys improves security.

IAM resources

User groups

Users

Roles

Policies

Identity providers

5

6

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What's new

Updates for features in IAM

IAM Access Analyzer findings now support Amazon SNS topics and five other AWS resource types to help you identify public and cross-account access. 3 weeks ago

[View all](#)

AWS Account

Account ID

602737905686

Account Alias

602737905686 [Create](#)

Sign-in URL for IAM users in this account

[https://602737905686.signin.aws.a
mazon.com/console](https://602737905686.signin.aws.amazon.com/console)

Quick Links

[My security credentials](#)

Manage your access keys, multi-factor authentication (MFA) and other credentials.

Tools

[Policy simulator](#)

The simulator evaluates the policies that you choose and determines the