

TASK 4: Enable Multi-Factor Authentication (MFA) for "S3-User":

To enable Multi-Factor Authentication (MFA) for "S3-User":

1. Select "S3-User" from IAM and here we can see its permissions , groups , Tags , Security Credentials and Access Advisor options .

S3-User [Info](#) [Delete](#)

Summary

ARN arn:aws:iam::730335283190:user/S3-User	Console access Enabled without MFA	Access key 1 AKIA2UC3AA73HBAFRE6R - Active Never used. Created today.
Created January 25, 2024, 10:31 (UTC+05:30)	Last console sign-in Never	Access key 2 Create access key

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

Permissions policies (2)

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

Filter by Type: All types

Policy name	Type	Attached via
AmazonEC2FullAccess	AWS managed	Group Assignment-1-group
AmazonS3FullAccess	AWS managed	Directly

2. Then Navigate to Security Credentials and Scroll down to "Multi-factor authentication (MFA)" and click on "Assign MFA Device"

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

Console sign-in [Manage console access](#)

Console sign-in link
<https://730335283190.signin.aws.amazon.com/console>

Console password
Updated 31 minutes ago (2024-01-25 10:31 GMT+5:30)

Last console sign-in
Never

Multi-factor authentication (MFA) (0) [Remove](#) [Resync](#) [Assign MFA device](#)

Use MFA to increase the security of your AWS environment. Signing in with MFA requires an authentication code from an MFA device. Each user can have a maximum of 8 MFA devices assigned. [Learn more](#)

Device type	Identifier	Certifications	Created on
No MFA devices. Assign an MFA device to improve the security of your AWS environment			

[Assign MFA device](#)

3. Now Give the Device name and Select Authenticator app from MFA device list and Then click on next.

MFA device name

Device name

Enter a meaningful name to identify this device.


Venis-PC

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

MFA device


Select an MFA device to use, in addition to your username and password, whenever you need to authenticate.

☒



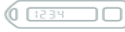
Authenticator app
Authenticate using a code generated by an app installed on your mobile device or computer.

☐



Security Key
Authenticate using a code generated by touching a YubiKey or other supported FIDO security key.

☐



Hardware TOTP token
Authenticate using a code displayed on a hardware Time-based one-time password (TOTP) token.

4. Install the Microsoft Authenticator on your device(Phone) and scan the QR code . Then we'll get codes in the interval of 30 seconds . Enter any two consecutive codes as MFA code1 and MFA code2 and then select “Add MFA”.


Set up device [Info](#)

Authenticator app
A virtual MFA device is an application running on your device that you can configure by scanning a QR code.

1

Install a compatible application such as Google Authenticator, Duo Mobile, or Authy app on your mobile device or computer.
[See a list of compatible applications](#)

2



Open your authenticator app, choose **Show QR code** on this page, then use the app to scan the code. Alternatively, you can type a secret key.
[Show secret key](#)

3

Fill in two consecutive codes from your MFA device.

MFA code 1

520219

MFA code 2

250940

Cancel

Previous

Add MFA

5. Now we'll be navigated to IAM>Users>S3-Users and we can see that MFA device has been assigned to the user .

MFA device assigned

You can register up to 8 MFA devices of any combination of the currently supported MFA types with your AWS account root and IAM user. With multiple MFA devices, you only need one MFA device to sign in to the AWS console or create a session through the AWS CLI with that user.

IAM > Users > S3-User

S3-User

Info

Delete

Summary

ARN

arn:aws:iam::730335283190:user/S3-User

Console access

Enabled with MFA

Access key 1

AKIA2UC3AA73HBARE6R - Active

Never used. Created today.

Created

January 25, 2024, 10:31 (UTC+05:30)

Last console sign-in

Never

Access key 2

Create access key

Permissions

Groups (1)

Tags (1)

Security credentials

Access Advisor

Console sign-in

Manage console access

Console sign-in link

https://730335283190.signin.aws.amazon.com/console

Console password

Updated 48 minutes ago (2024-01-25 10:31 GMT+5:30)

Last console sign-in

Never

Activate Windows
Go to Settings to activate Windows