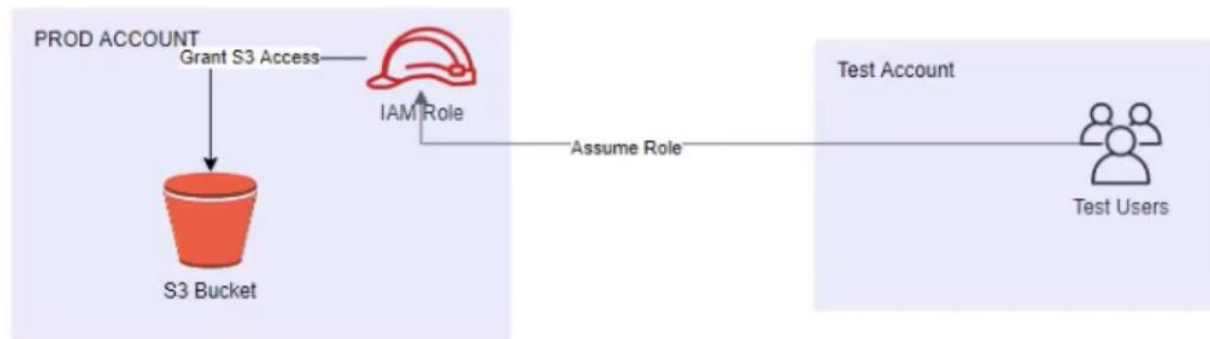


S3 bucket with cross-account access with terraform modules



Terraform:

The screenshot shows the AWS S3 console interface. The left sidebar displays the 'Amazon S3' navigation menu with options like Buckets, Access Points, Object Lambda Access Points, Multi-Region Access Points, Batch Operations, Access analyzer for S3, Storage Lens, Dashboards, AWS Organizations settings, Feature spotlight, and AWS Marketplace for S3. The main content area shows the details for the bucket 'cross-account-bucket-user1890'. The 'Objects' tab is selected, displaying a list of objects. The table below shows one object: 'object-uploaded-via-prod-creds'.

<input type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	object-uploaded-via-prod-creds	-	February 22, 2022, 19:02:04 (UTC+05:30)	14.0 B	Standard

The bottom of the screenshot shows the Windows taskbar with various application icons and the system clock indicating 19:05 on 22-02-2022.

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terraform-aws-ec2-instanc...

S3 bucket with cross-acco...

IAM Management Console

How to enable Cross Acco...

aws_iam_user_policy | Reso...

console.aws.amazon.com/iamv2/home#/roles/details/EKS-Role1?section=permissions

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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
- Analizers
- Settings
- Credential report
- Organization activity
- Service control policies (SCPs)

IAM > Roles > EKS-Role1

EKS-Role1

Delete

Summary

Edit

Creation date

February 22, 2022, 17:57 (UTC+05:30)

ARN

arn:aws:iam::738087856818:role/EKS-Role1

Link to switch roles in console

https://signin.aws.amazon.com/switchrole?roleName=EKS-Role1&account=archana-access

Last activity

9 minutes ago

Maximum session duration

1 hour

Permissions

Trust relationships

Tags

Access Advisor

Revoke sessions

Permissions policies (1)

You can attach up to 10 managed policies.

Simulate

Remove

Add permissions

Filter policies by property or policy name and press enter

Policy name	Type	Description
EKS-Policy1	Customer inline	

Feedback

English (US)

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19:08

22-02-2022

mx.massmutual.com x terraform-aws-e2-instanc... x S3 bucket with cross-acco... x IAM Management Console x How to enable Cross Acco... x aws_iam_user_policy | Reso... x +

console.aws.amazon.com/iam/home#/roles/EKS-Rol1\$jsonEditor?policyName=EKS-Policy1&step=edit

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Edit EKS-Policy1

1 2

A policy defines the AWS permissions that you can assign to a user, group, or role. You can create and edit a policy in the visual editor and using JSON. [Learn more](#)

Visual editor JSON Import managed policy

```
1 {
2   "Statement": [
3     {
4       "Action": [
5         "s3:PutObject",
6         "s3:CreateBucket",
7         "s3:ListBucket",
8         "s3:ListAllMyBuckets",
9         "s3:DeleteObject",
10        "s3:DeleteBucket"
11      ],
12      "Effect": "Allow",
13      "Resource": "*",
14      "Sid": "VisualEditor0"
15    }
16  ],
17  "Version": "2012-10-17"
18 }
```

Security: 0 Errors: 0 Warnings: 0 Suggestions: 0

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IAM Management Console x New Tab x +

https://console.aws.amazon.com/iam/home#/users/EKS-User1

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Identity and Access Management (IAM)

- Dashboard
- Access management
 - User groups
 - Users**
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 - Identity providers
 - Account settings
- Access reports
 - Access analyzer
 - Archive rules
 - Analizers
 - Settings
- Credential report
- Organization activity
- Service control policies (SCPs)

Users > EKS-User1

Summary

Delete user ⓘ

User ARN: [arn:aws:iam:293955714039:user:EKS-User1](#)

Path: /

Creation time: 2022-02-22 17:54 UTC+0530

Permissions Groups Tags Security credentials Access Advisor

Permissions policies (1 policy applied)

Add permissions Add inline policy

Policy name	Policy type
Attached directly	
EKS-Policy1	Inline policy

Policy summary {} JSON Edit policy Simulate policy

```
1 {
2   "Statement": [
3     {
4       "Action": "sts:AssumeRole",
5       "Effect": "Allow",
6       "Resource": "arn:aws:iam:738887856818:role/EKS-Rol1",
7       "Sid": "VisualEditor0"
8     }
9   ]
10 }
```

Amazon S3 Management Console

Account ID: 2939-5571-4039
IAM user: EKS-User1

Account
Organization
Service Quotas
Billing Dashboard
Security credentials

Role history
EKS-Role1 @ 738087856818
cross-account-role @ 73808785...

Switch role Sign out

Amazon S3

Account snapshot
Storage lens provides visibility into storage usage and activity trends. [Learn more](#)

Buckets (0) Info
Buckets are containers for data stored in S3. [Learn more](#)

Find buckets by name

Name AWS Region Creation date

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](#)

cross-account-bucket-user1890

Currently active as: EKS-Role1
Account ID: 73808-8785-6818

Account
Organization
Service Quotas
Billing Dashboard

Signed in as: EKS-User1
Account ID: 2939-5571-4039

Switch back

Role history
EKS-Role1 @ 738087856818
cross-account-role @ 73808785...

Switch role Sign out

Amazon S3 > cross-account-bucket-user1890

cross-account-bucket-user1890 Info

Objects Properties Permissions Metrics Management Access Points

Objects (1)
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 bucket, you must grant them permissions. [Learn more](#)

Copy S3 URI Copy URL Download Open Delete Actions Create

Find objects by prefix Show versions

Name	Type	Last modified
object-uploaded-via-prod-creds	-	February 22, 2022, 19:02:04 (UTC+05:30)

