

In this exercise, you will create an IAM user for this specific exercise and apply inline IAM policies.

Creating IAM policies on specific resources requires identifying that specific resource uniquely. AWS uses a unique identifier called an "ARN" (Amazon Resource Name) to identify a specific resource.

Instructions

- If you have not already done so, sign up with AWS, log in using the **manager** user, create an **S3 bucket**, and create an **exercise** and **manager** folder within that bucket
- As the **manager** user, visit the IAM console and create a new user called **exercise-user**
- Create an **inline IAM policy** on the **exercise-user** allowing:
 - **ListAllMyBucket**: Required to view the buckets in S3
 - **ListBucket**: Required to list the contents of a particular bucket - use the **ARN** of the S3 bucket you previously created
 - **GetObject**: Required to view any object within the **exercise** folder - use **ARN (Amazon Resource Name)** of the folder
 - The **ARN** of the folder is in the format: "[bucket_name]/[folder_name]" (e.g. "udacity/exercise")

Users > exercise-user

Summary

Delete user ⓘ

User ARN: `arn:aws:iam::060574636068:user/exercise-user` ⓘ

Path: `/`

Creation time: 2020-06-07 12:02 PDT

Permissions Groups Tags Security credentials Access Advisor

▼ Permissions policies

Get started with permissions

This user doesn't have any permissions yet. Get started by adding the user to a group, copying permissions from another user, or attaching a policy directly. [Learn more](#)

[Add permissions](#) [Add inline policy](#)

► Permissions boundary (not set)