



Working with Amazon S3

Lab Introduction



Business scenario

Business need: Sharing files with an external partner



Faythe:

Sofía, you told me that your product catalog is expanding and that Frank hired an external media company to create a portfolio of pictures for the new products.

Sofía:

Yes, he would like to receive the pictures from the media company electronically in one convenient and secure location. He also wants to be notified by email when pictures are uploaded so that we can review and approve the photos before they are deployed to the café website.

Faythe:

Because images are usually large files, storing them on Amazon Simple Storage Service, or Amazon S3, is the recommended solution. Let me tell you about the benefits of using Amazon S3 for file sharing.

Technical requirements

Faythe and Sofía discuss Amazon S3 and how the external partner can share the images with Frank. Faythe suggests that they implement an Amazon S3 file-sharing solution and provides the following recommendations:

- Use Amazon Elastic Compute Cloud (Amazon EC2) Instance Connect to connect a CLI Host instance and set up the AWS Command Line Interface (AWS CLI) on the CLI Host instance.
- Create a café S3 bucket to upload and store images.
- Review the permissions assigned to the mediaco AWS Identity and Access Management (IAM) user group.
- Configure the S3 share bucket to generate an event notification to an Amazon Simple Notification Service (Amazon SNS) topic whenever the contents of a bucket change.





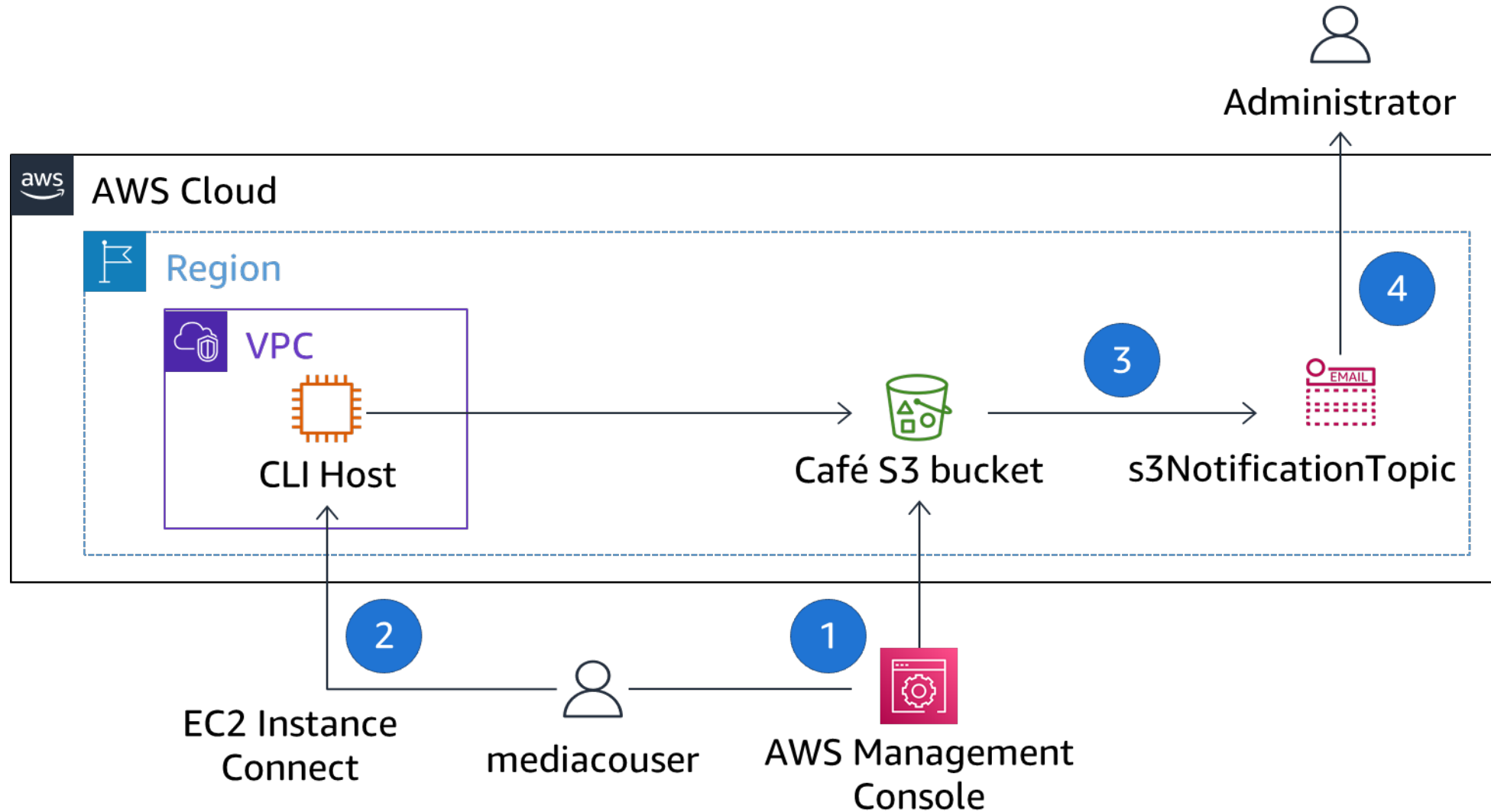
Lab tasks

Lab tasks overview

In this lab, you will perform the following tasks:

- Use the `s3api` and `s3` AWS CLI commands to create and configure an S3 bucket.
- Verify write permissions to a user on an S3 bucket.
- Configure event notification on an S3 bucket.

Café Amazon S3 architecture





Begin lab

Checkpoint questions

1. What are two benefits of using Amazon S3 to share files?
2. Which AWS CLI command creates an S3 bucket?
3. For IAM user group permissions, which SID key name defines permissions that allow the user to use the Amazon S3 console to view the list of S3 buckets in the account?
4. Which Amazon SNS resource sends an email notification to its subscribed users?



Thank you

Corrections, feedback, or other questions?

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