**Lab Exercise-3 Minio Command**

To access MinIO using the MinIO client (also known as mc), follow these steps:

**Step 1: Install MinIO Client**

If you haven't installed the MinIO client yet, you can download it from the [MinIO Client Releases](https://github.com/minio/mc/releases) page. For example, on Linux, you can use the following command:

wget https://dl.min.io/client/mc/release/linux-amd64/mc

chmod +x mc

sudo mv mc /usr/local/bin/

**Step 2: Configure MinIO Client**

Once you have the MinIO client installed, you need to configure it to connect to your MinIO server. Use the following command to add your MinIO server:

mc alias set myminio http://localhost:9000 minioadmin minioadmin

* Replace myminio with your desired alias for the MinIO server.
* Change http://localhost:9000 to your MinIO server URL if it's hosted remotely.
* Replace minioadmin with your MinIO access key and secret key if they differ from the defaults.

**Step 3: Basic Commands**

Now that you've configured the MinIO client, you can perform various operations. Here are some basic commands:

1. **List Buckets**:

mc ls myminio

1. **Create a Bucket**:

mc mb myminio/mybucket

1. **Upload a File**:

mc cp /path/to/local/file.txt myminio/mybucket

1. **Download a File**:

mc cp myminio/mybucket/file.txt /path/to/local/

1. **List Objects in a Bucket**:

mc ls myminio/mybucket

1. **Remove a File**:

mc rm myminio/mybucket/file.txt

1. **Remove a Bucket** (Only if empty):

mc rb myminio/mybucket

**Example Workflow**

Here’s a quick workflow example to create a bucket, upload a file, and then list the contents:

# Create a bucket

mc mb myminio/mybucket

# Upload a file to the bucket

mc cp /path/to/local/sample.txt myminio/mybucket

# List the files in the bucket

mc ls myminio/mybucket

**Conclusion**

The MinIO client (mc) is a powerful tool that allows you to interact with your MinIO server easily. You can manage buckets, upload and download files, and perform administrative tasks efficiently using the command line. For more advanced operations