Lesson 08 Demo 08

Creating a Kinesis Data Firehose

Objective: To create a Kinesis Data Firehose, set up an Amazon S3 bucket as the destination, and test the data delivery stream

Tools required: AWS Workspaces

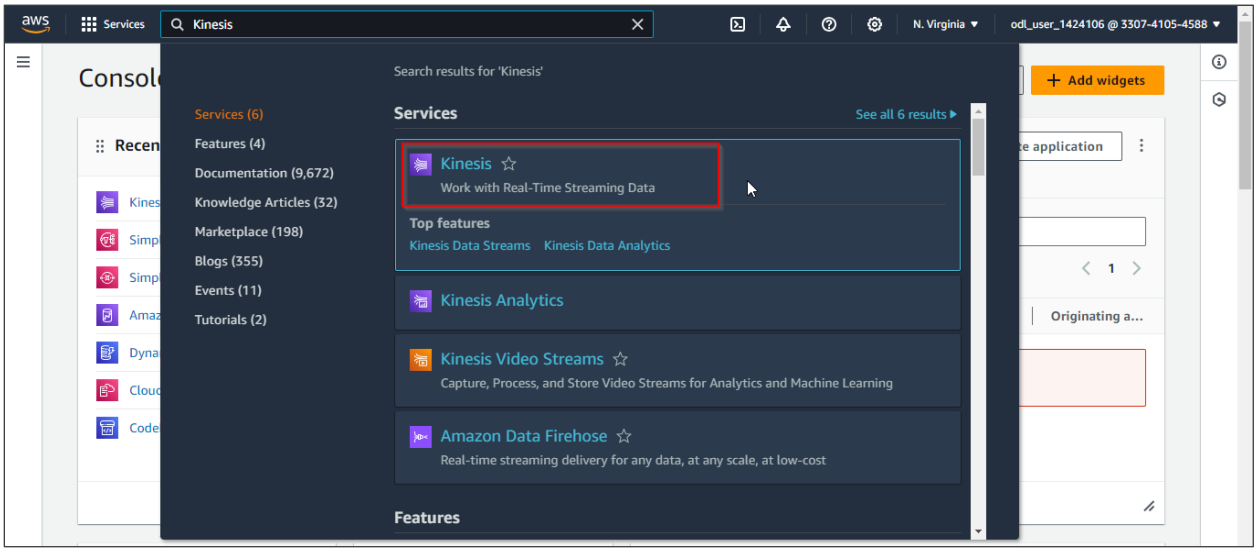
Prerequisites: Amazon account

Steps to be followed:

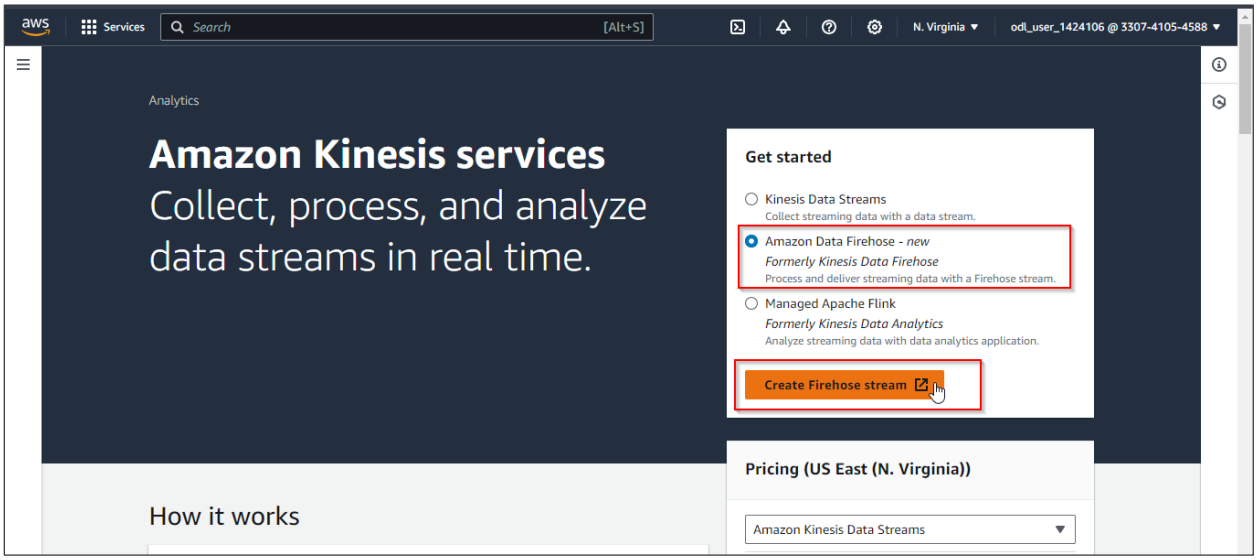
1. Create a Kinesis Data Firehose
2. Create an S3 bucket

Step 1: Create a Kinesis Data Firehose

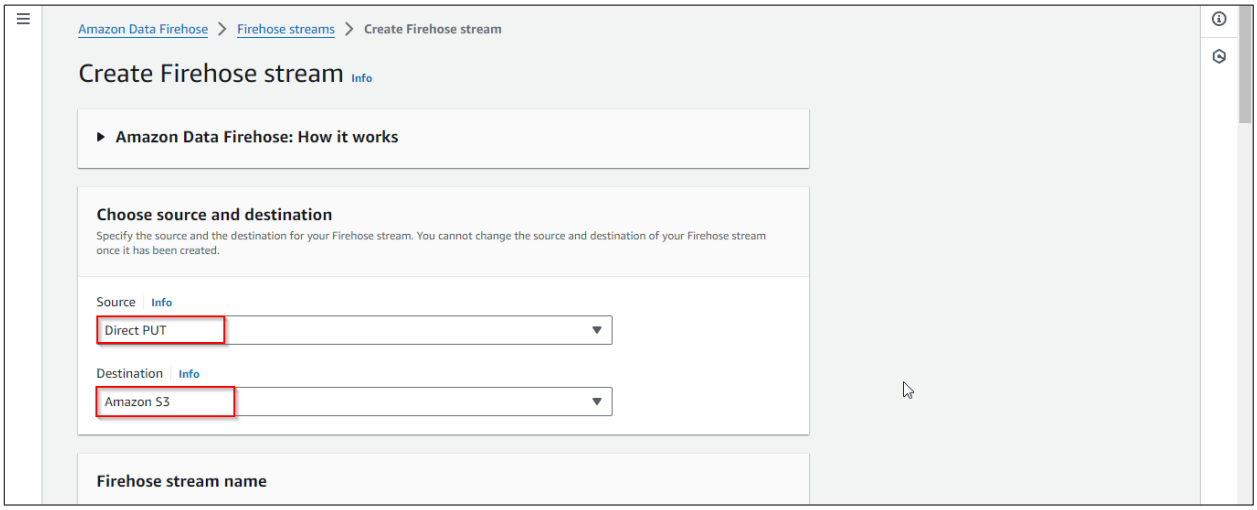
1.1 Navigate to the Amazon portal and search for and select **Kinesis**



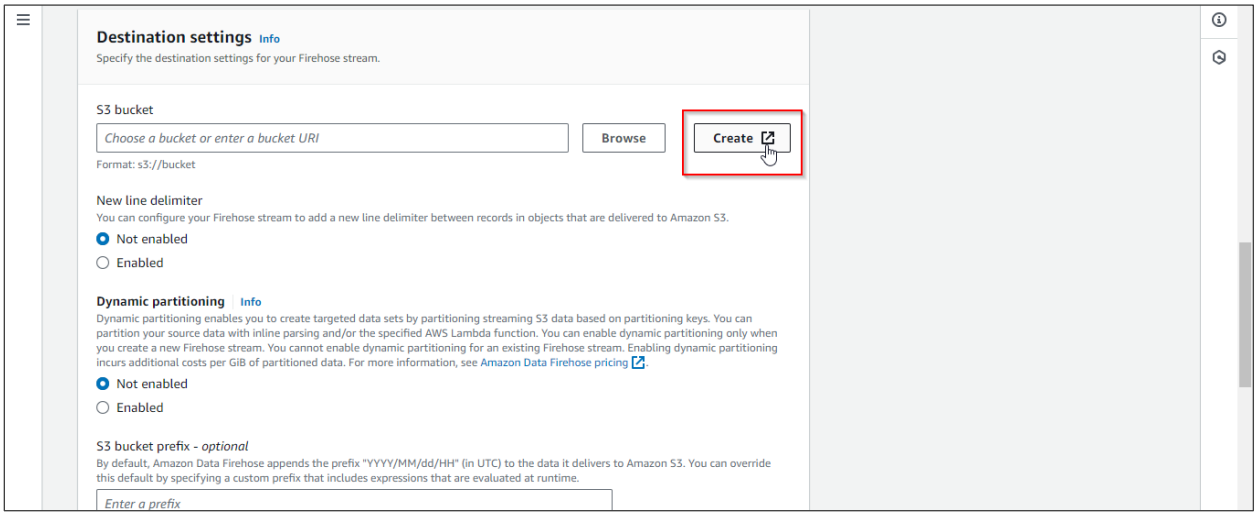
1.2 Select the **Amazon Data Firehose** option and click **Create Firehose Stream**



1.3 Choose **Direct PUT** as the source and **Amazon S3** as the destination

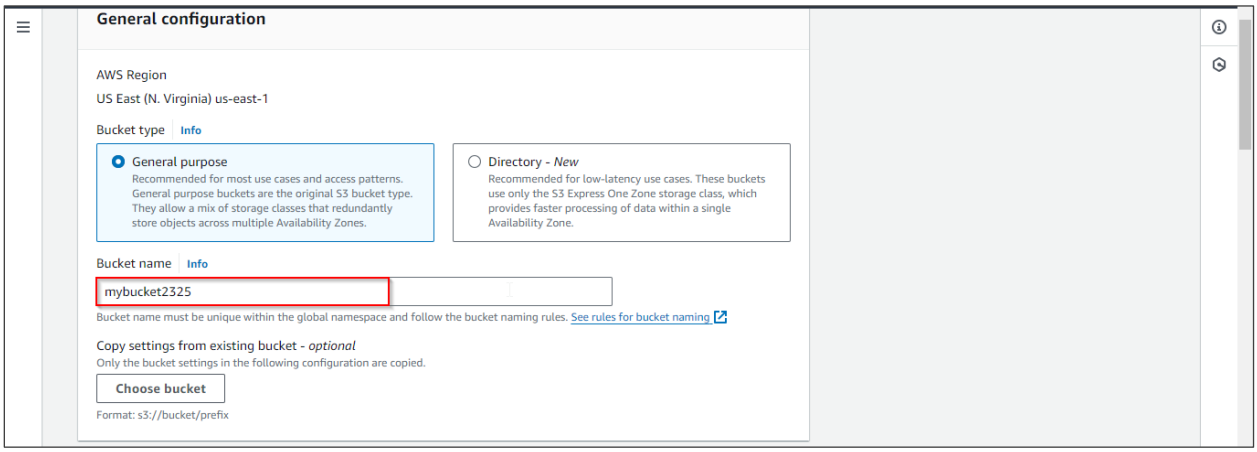


1.4 Click on the **Create** button to set up an S3 bucket

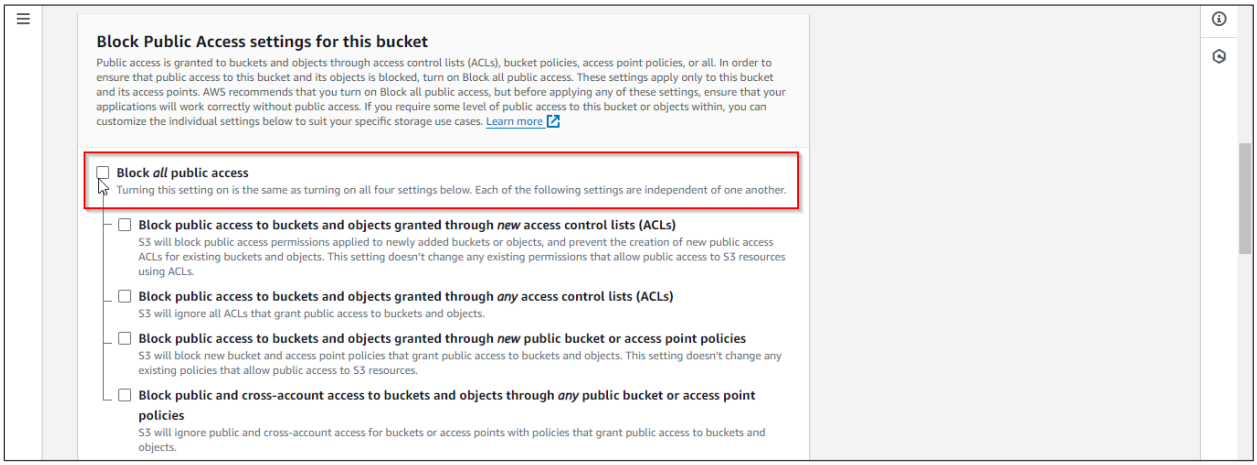


Step 2: Create an S3 bucket

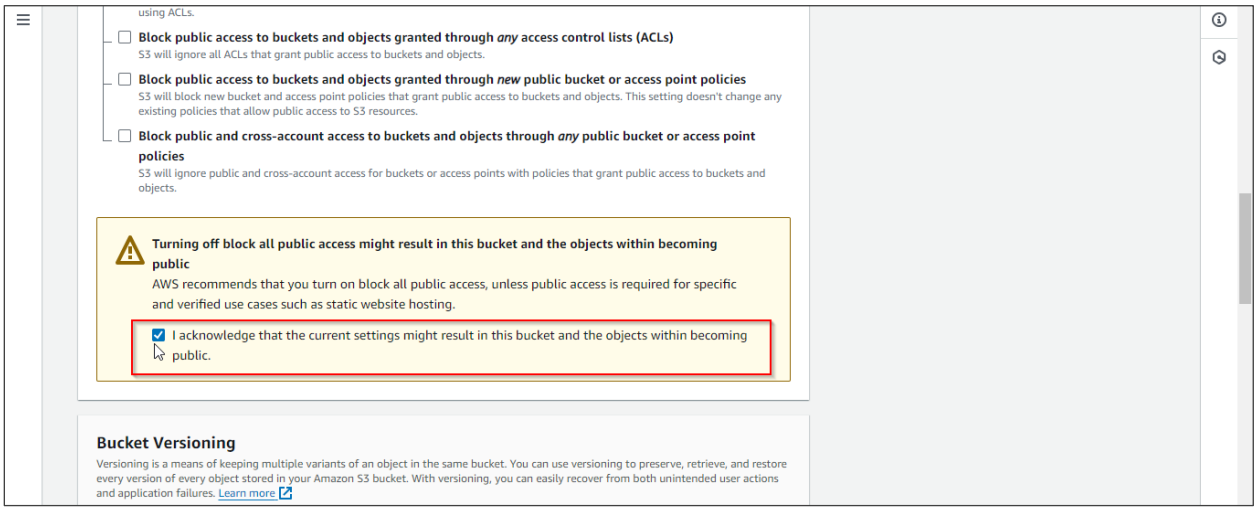
2.1 Name the bucket **mybucket2325**



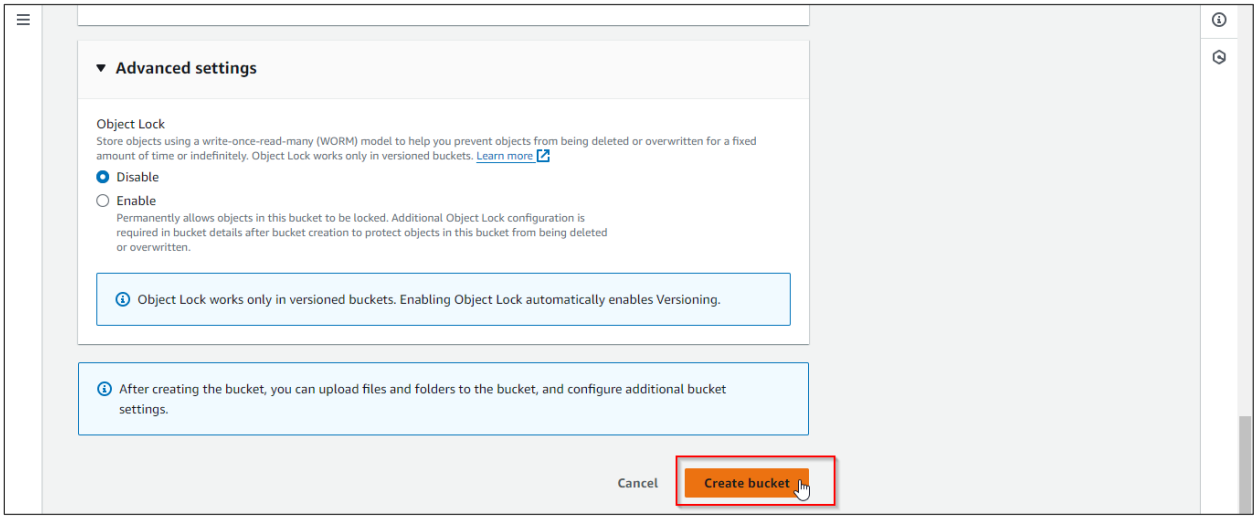
2.2 Scroll down and enable the **Unblock all public access** dialog box

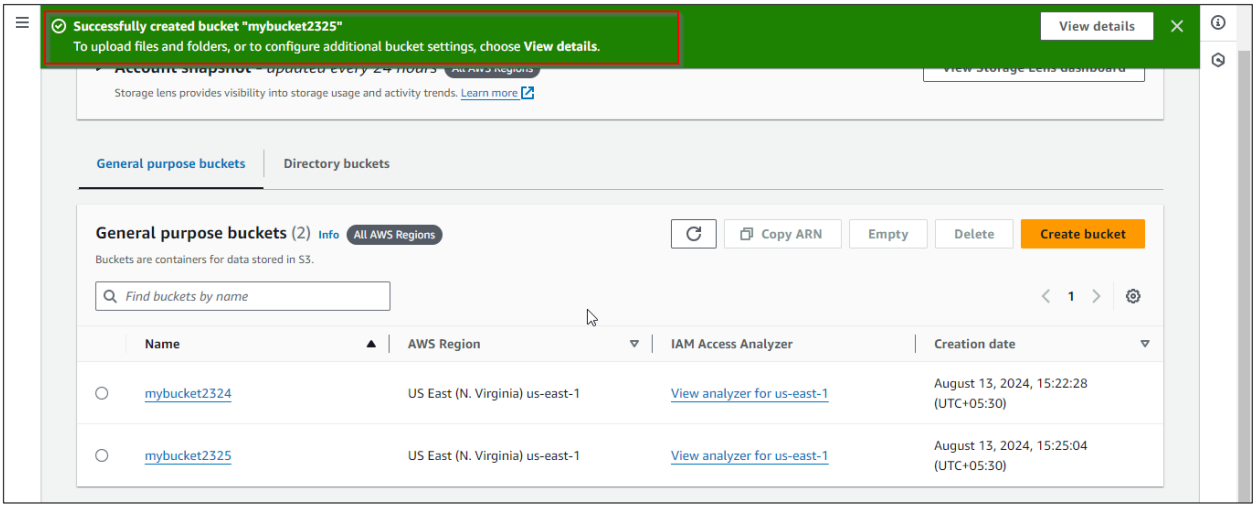


2.3 Check the **acknowledgment** box to confirm



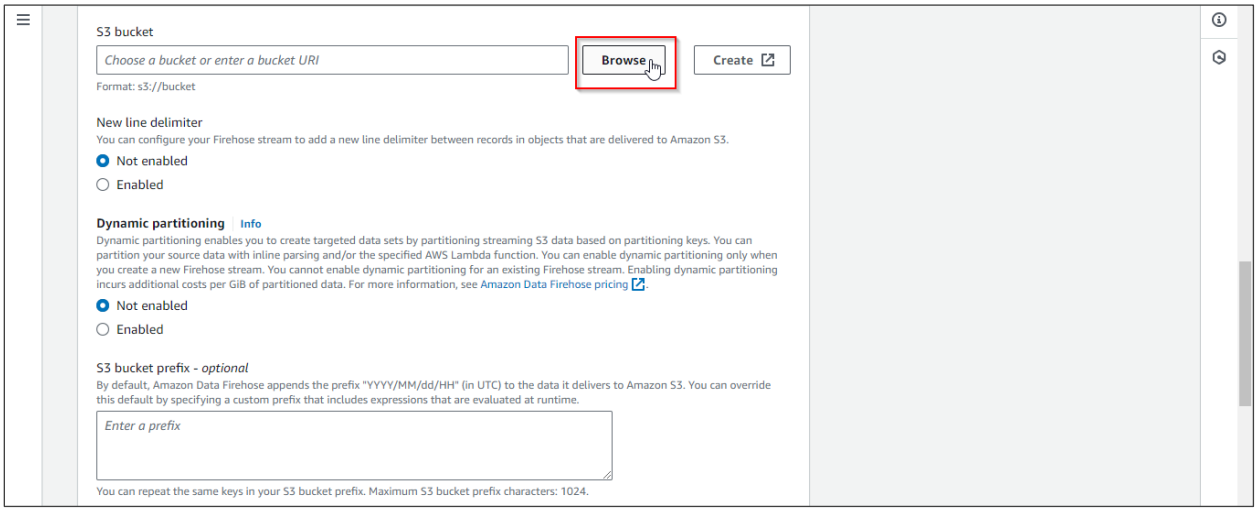
2.4 Once the bucket creation is complete, click **Create bucket**



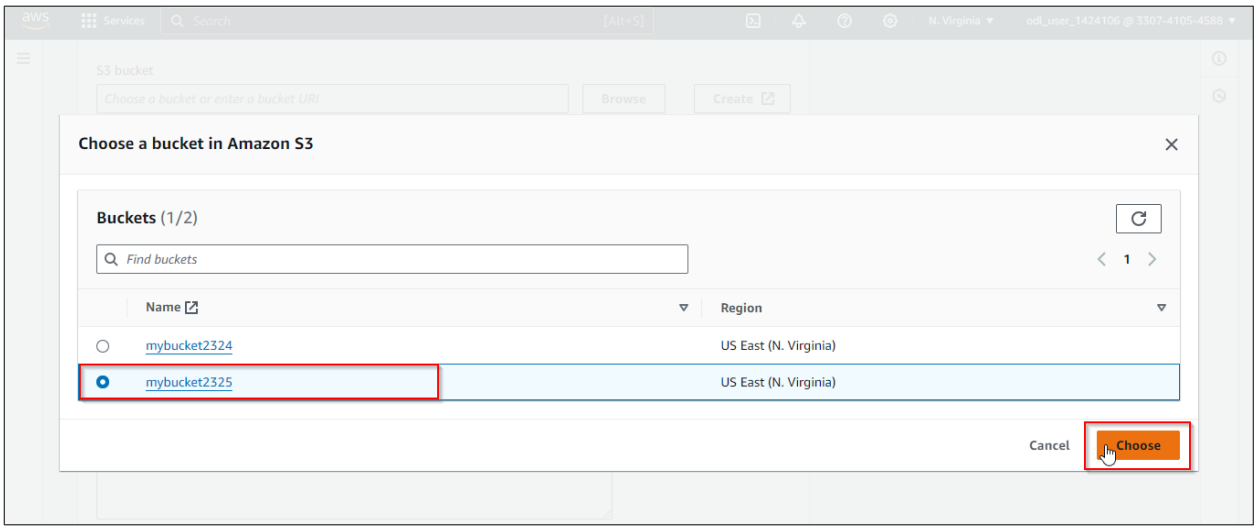


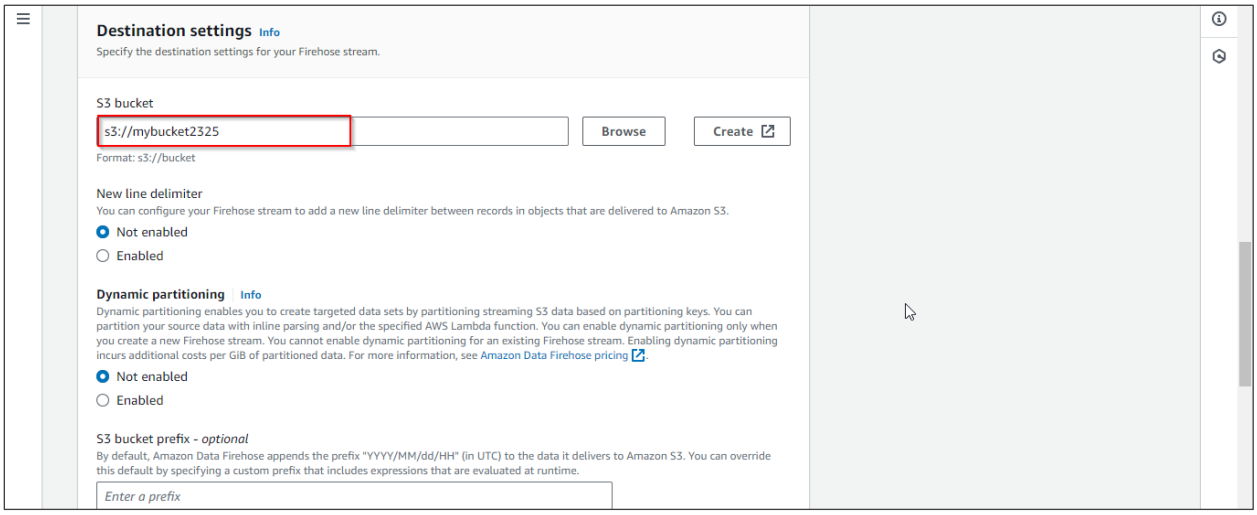
The bucket has been successfully created.

2.5 Now, navigate back to the **Kinesis** dashboard and click on the **Browse** button



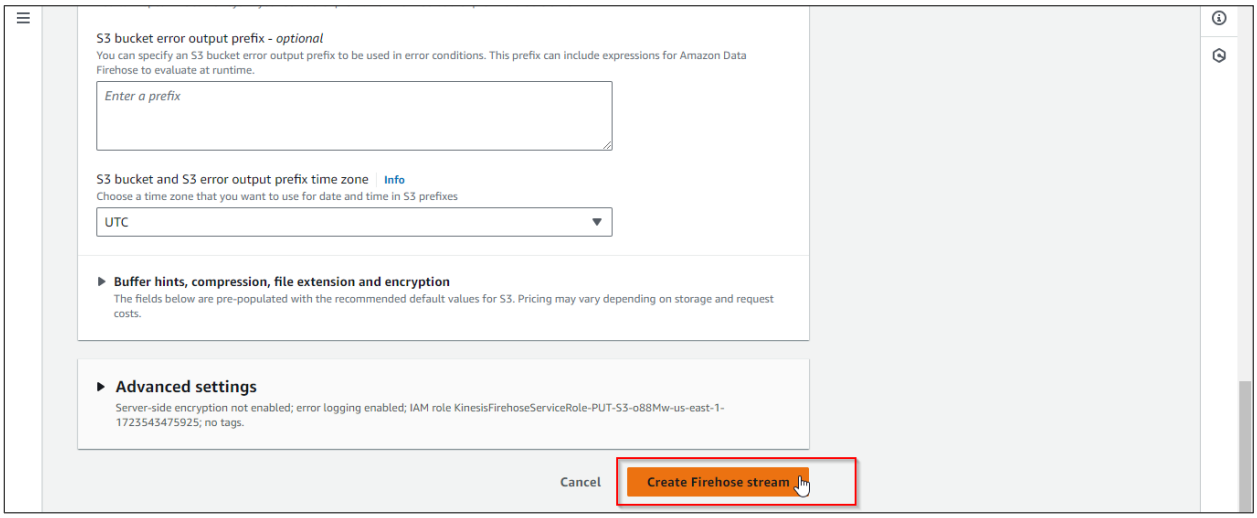
2.6 Select the bucket name and click on **Choose**

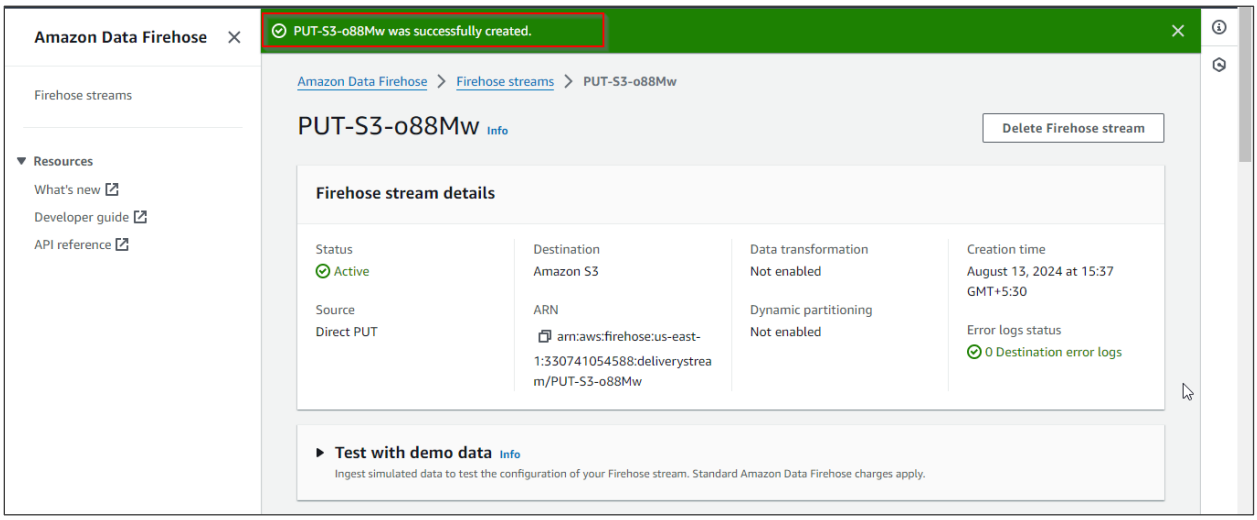




The S3 bucket has now been successfully added.

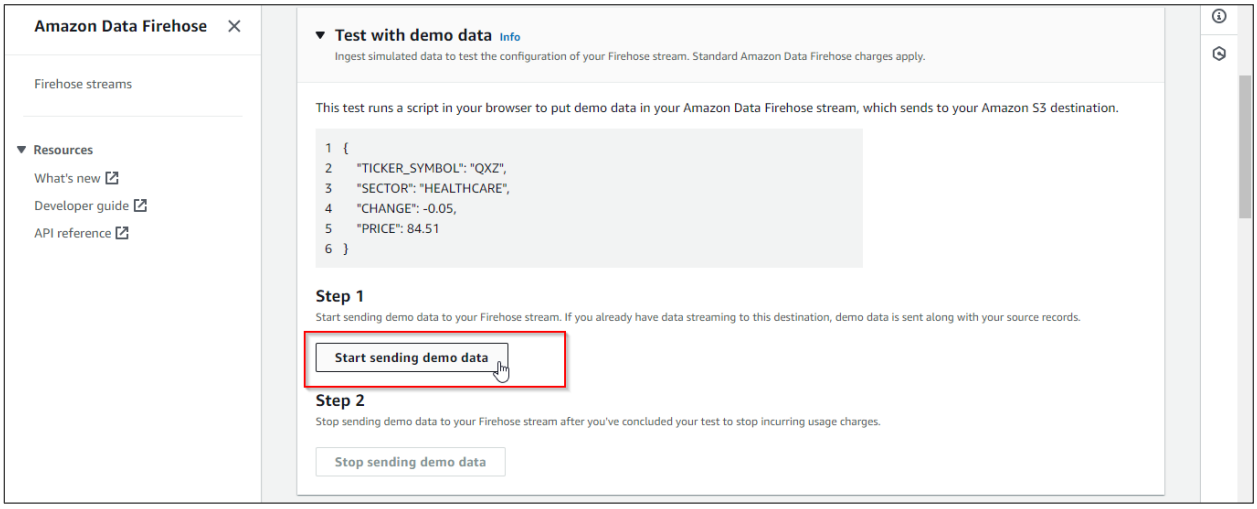
2.7 Click on the **Create Firehose stream** button

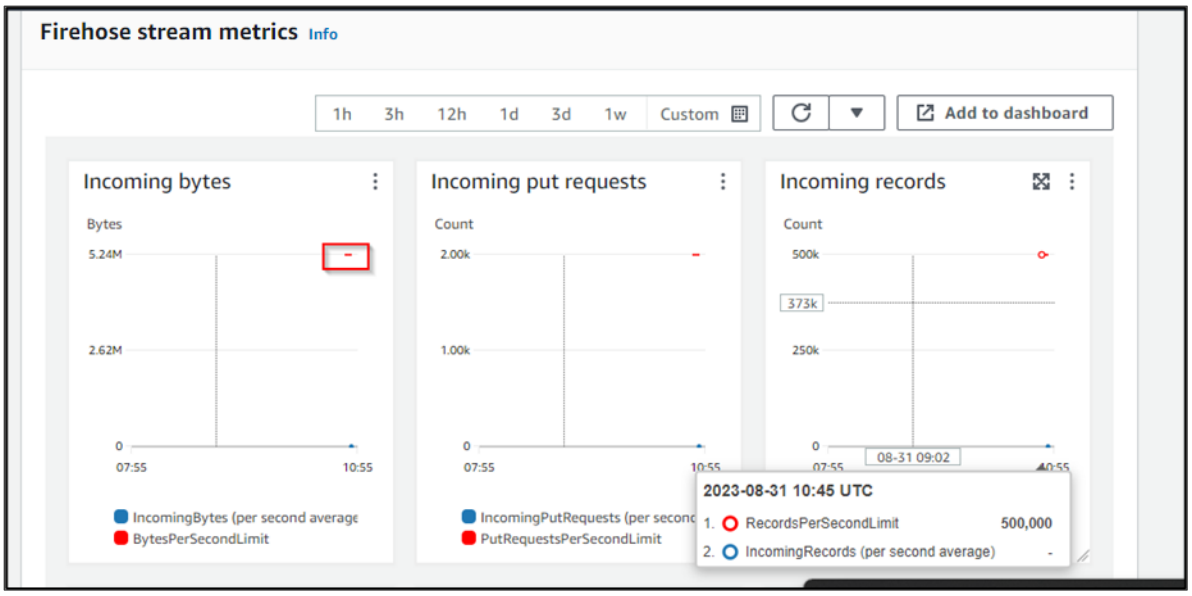




The Amazon Data Firehose has been successfully created.

2.8 Under **Test with demo data**, click **Start sending demo data**





The **Firehose stream metrics** information will appear here.

By following these steps, you have successfully created a Kinesis Data Firehose, set up an Amazon S3 bucket as the destination, and tested the data delivery stream.