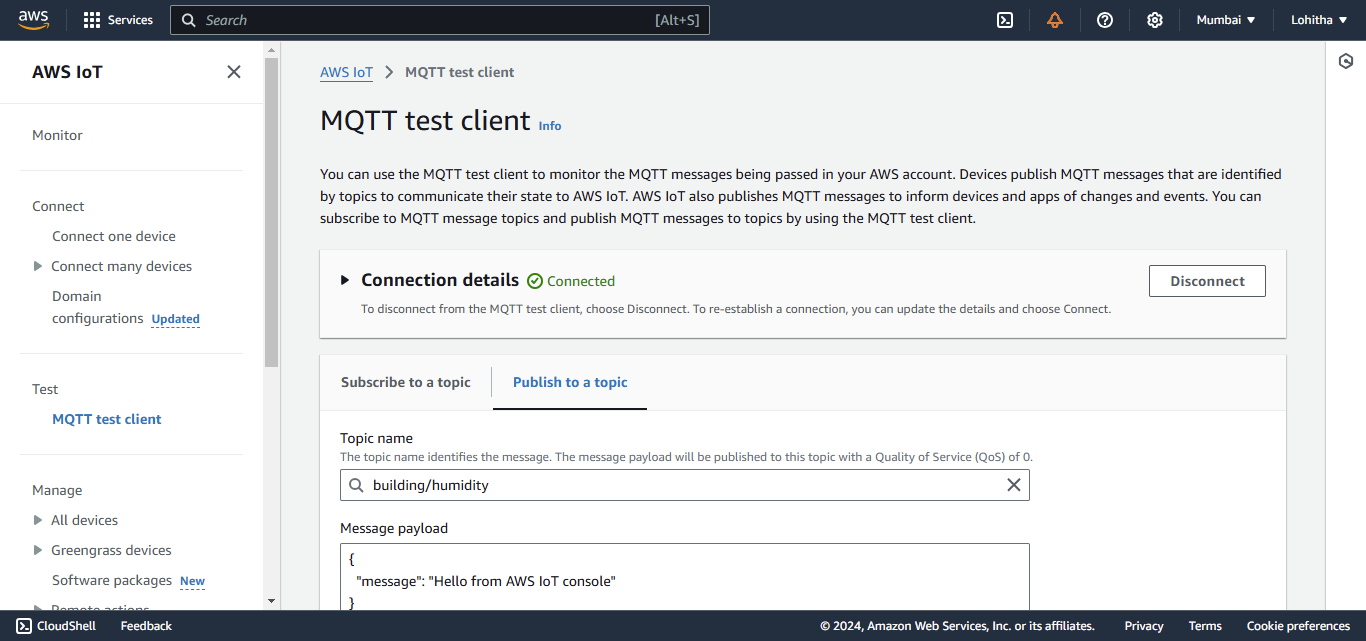
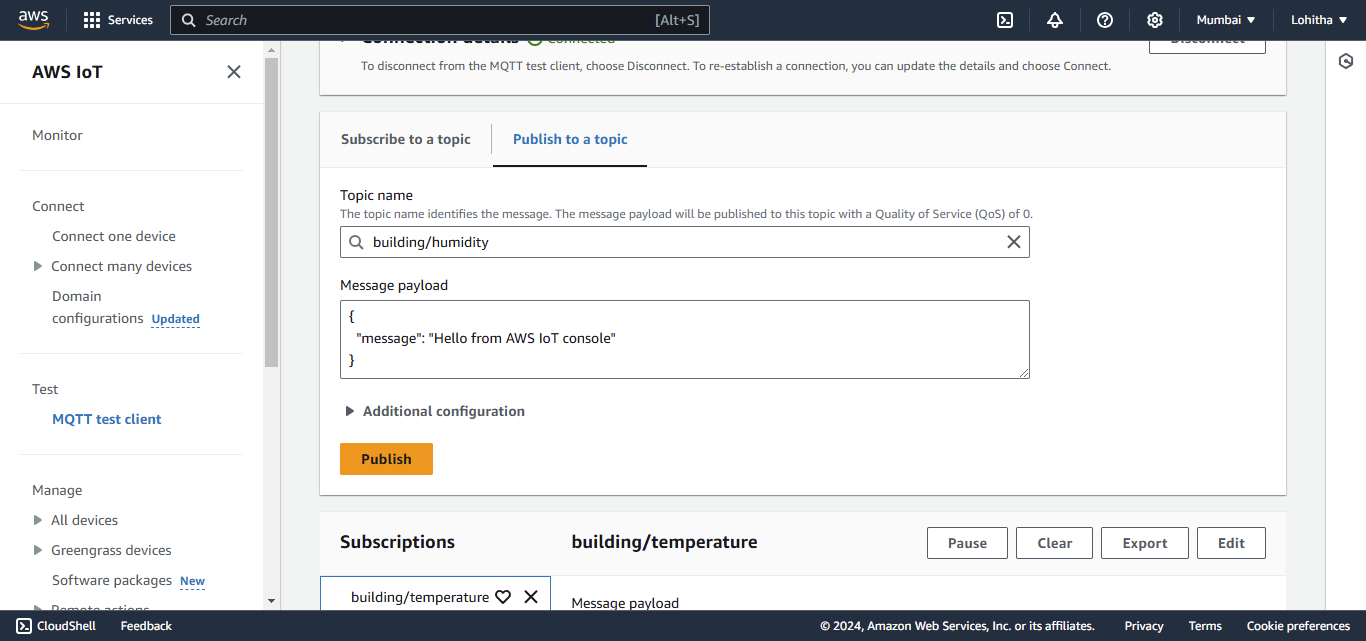
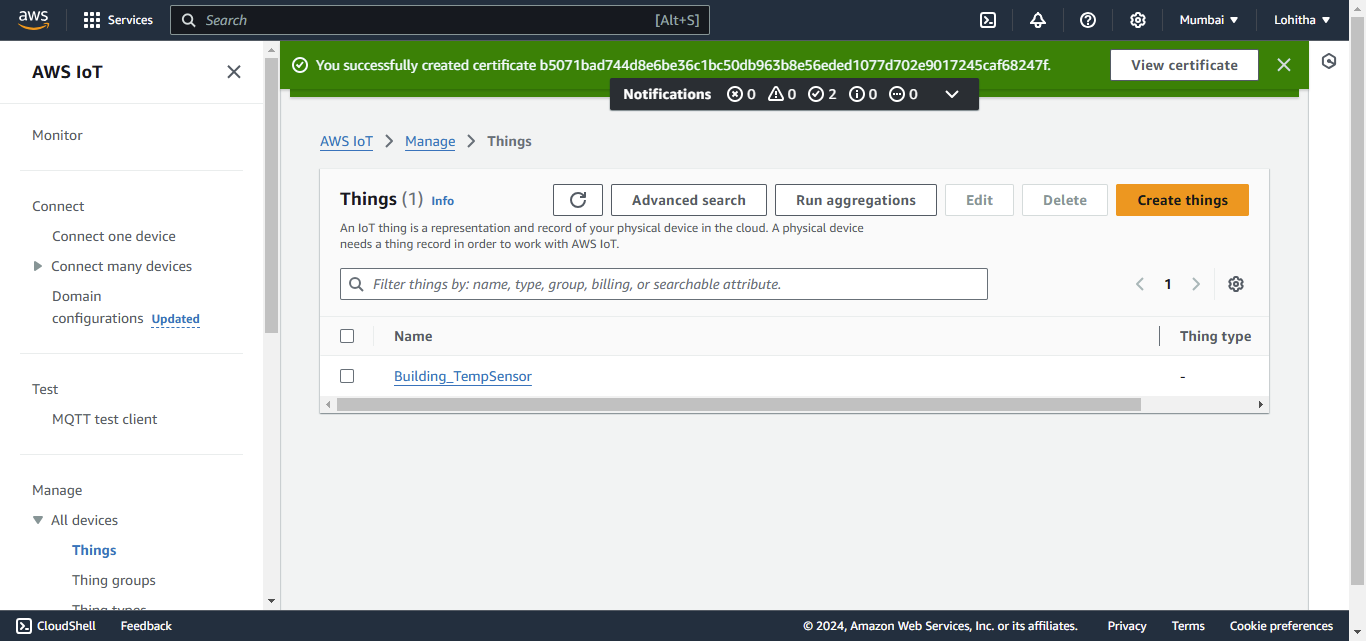
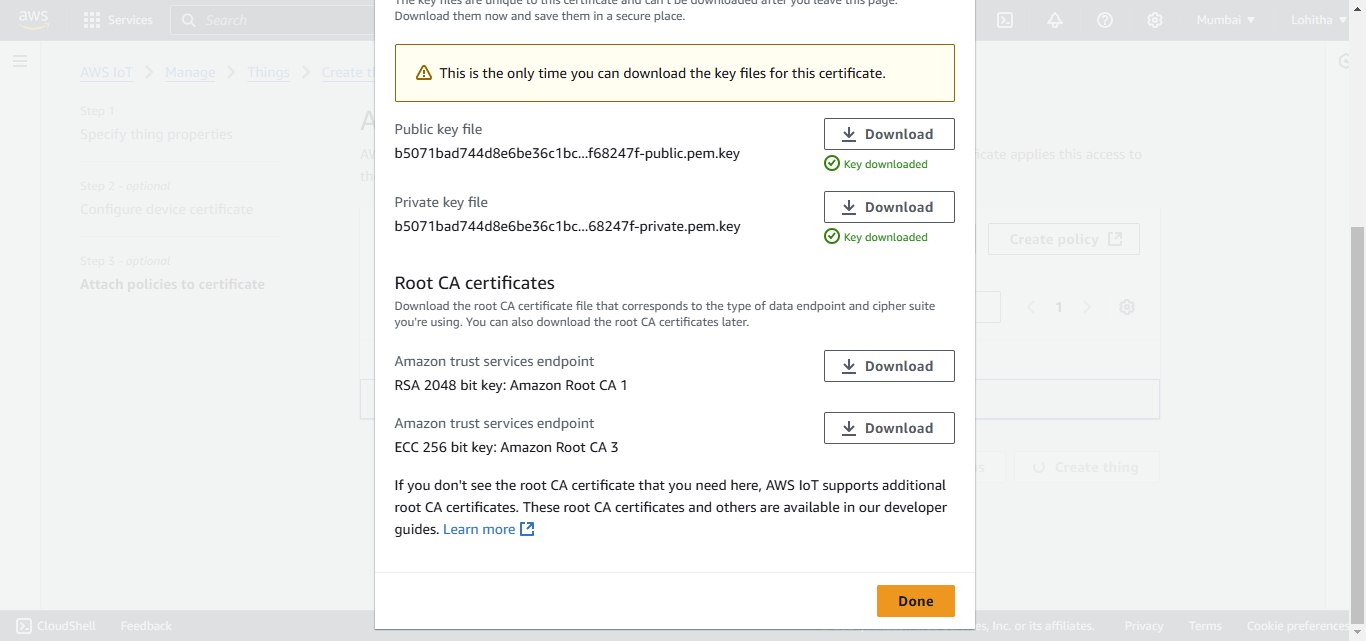
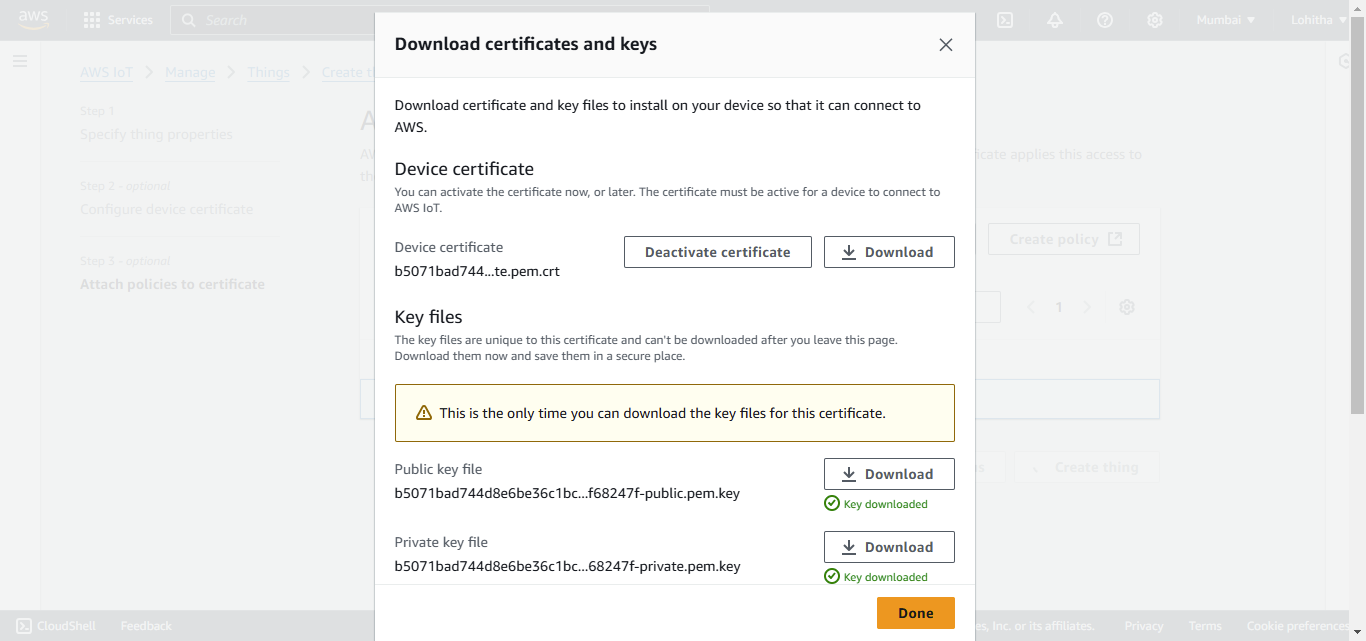
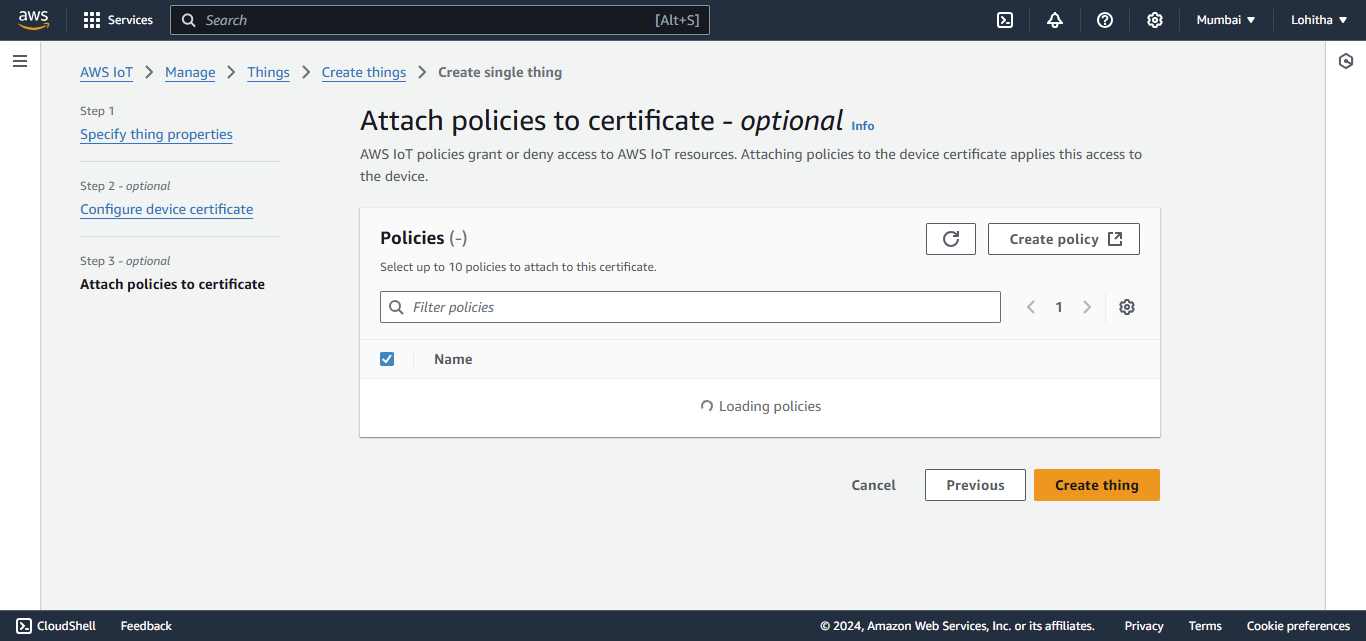
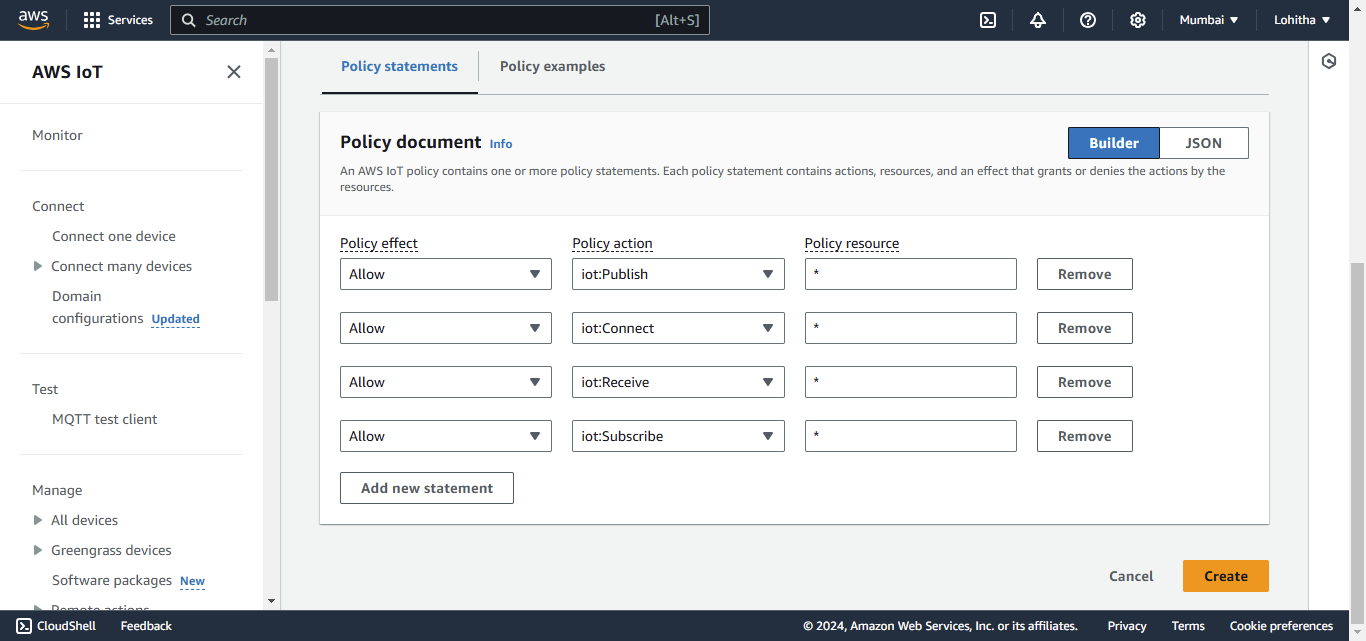
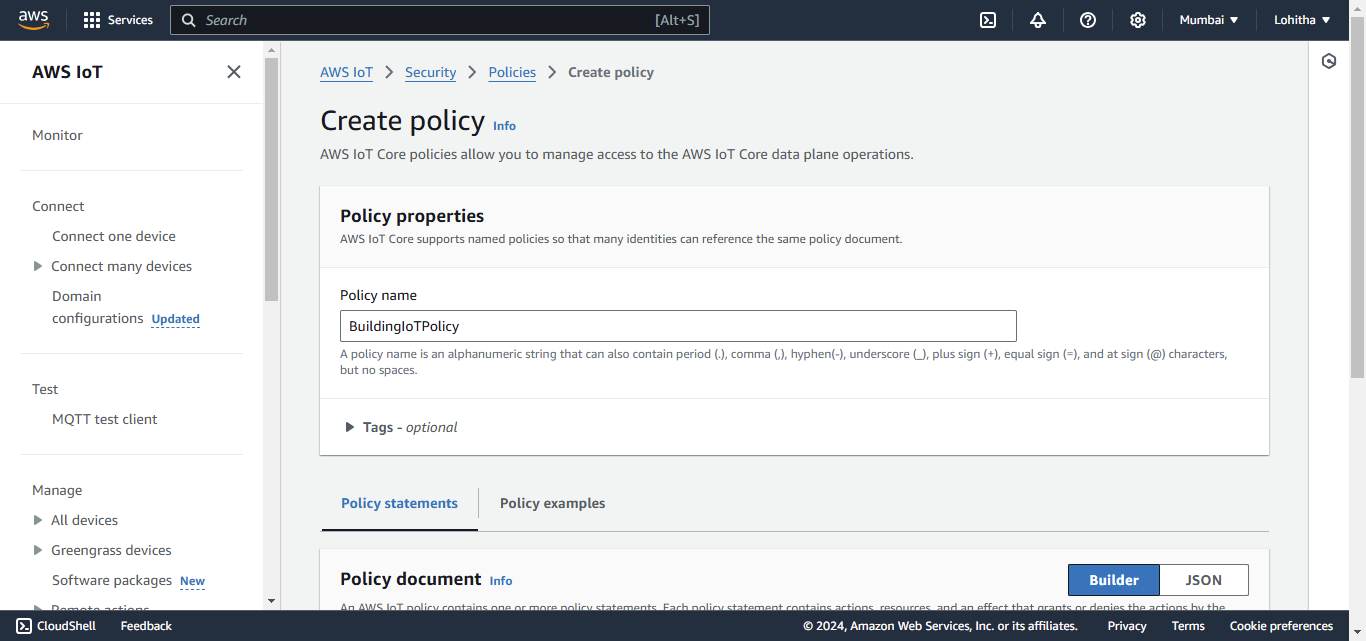
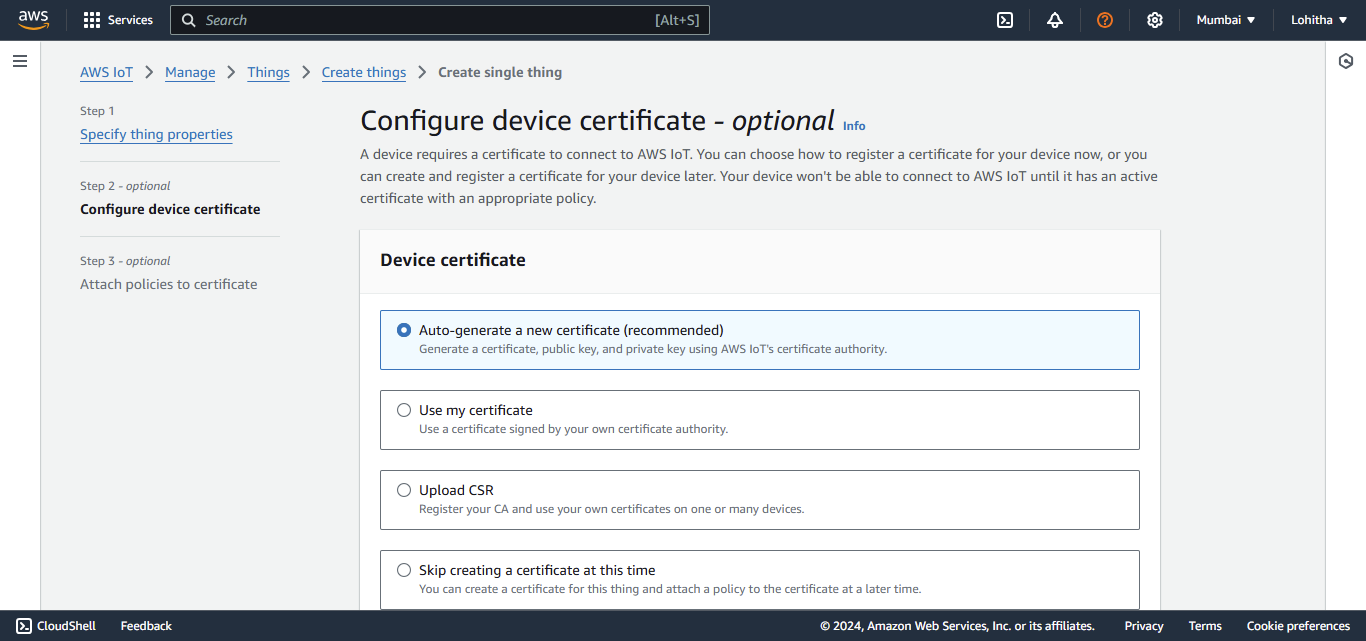
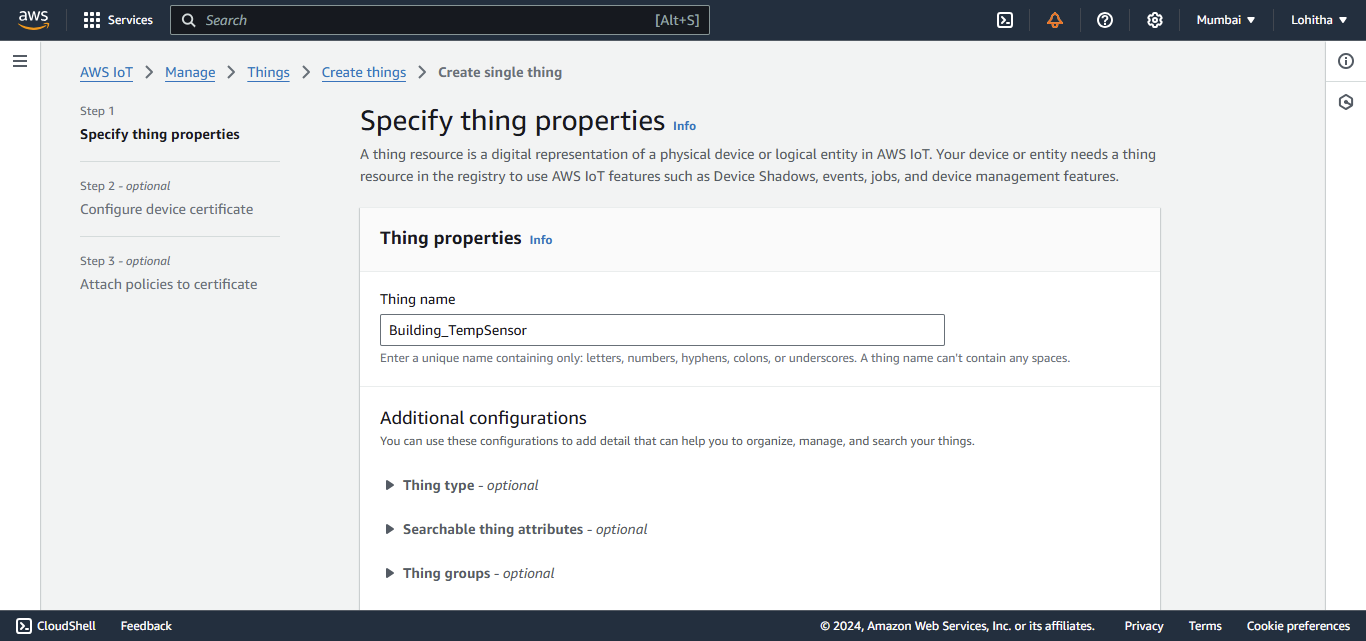
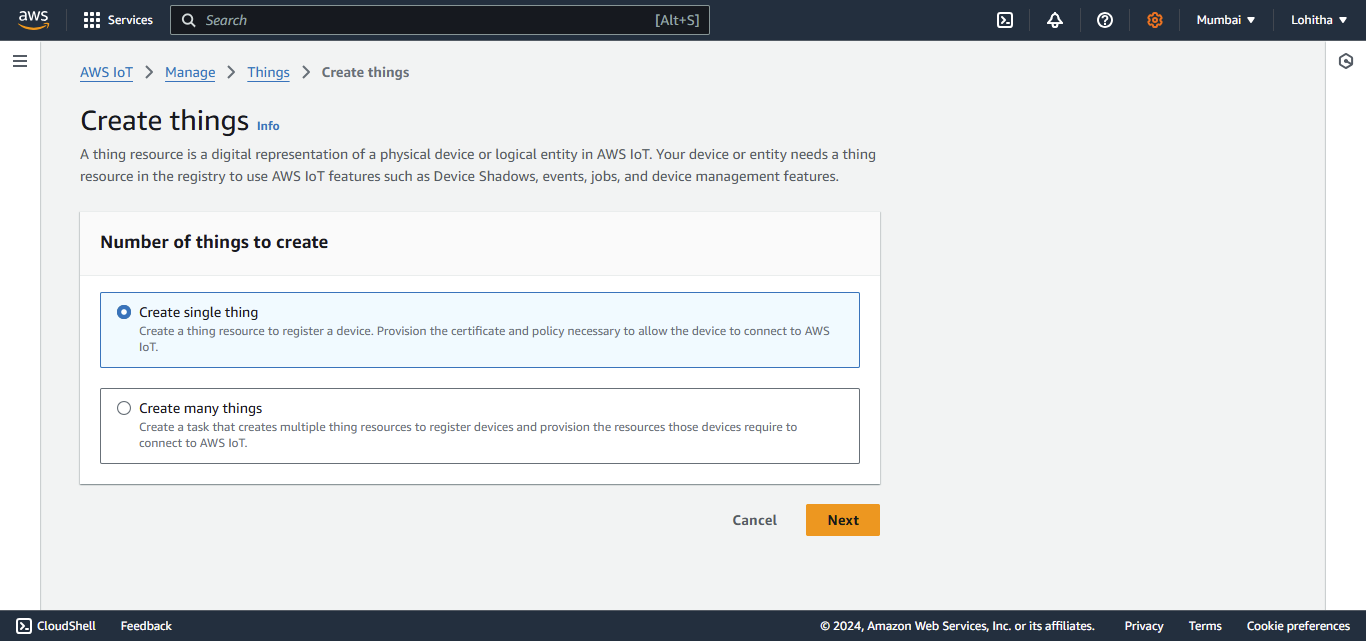
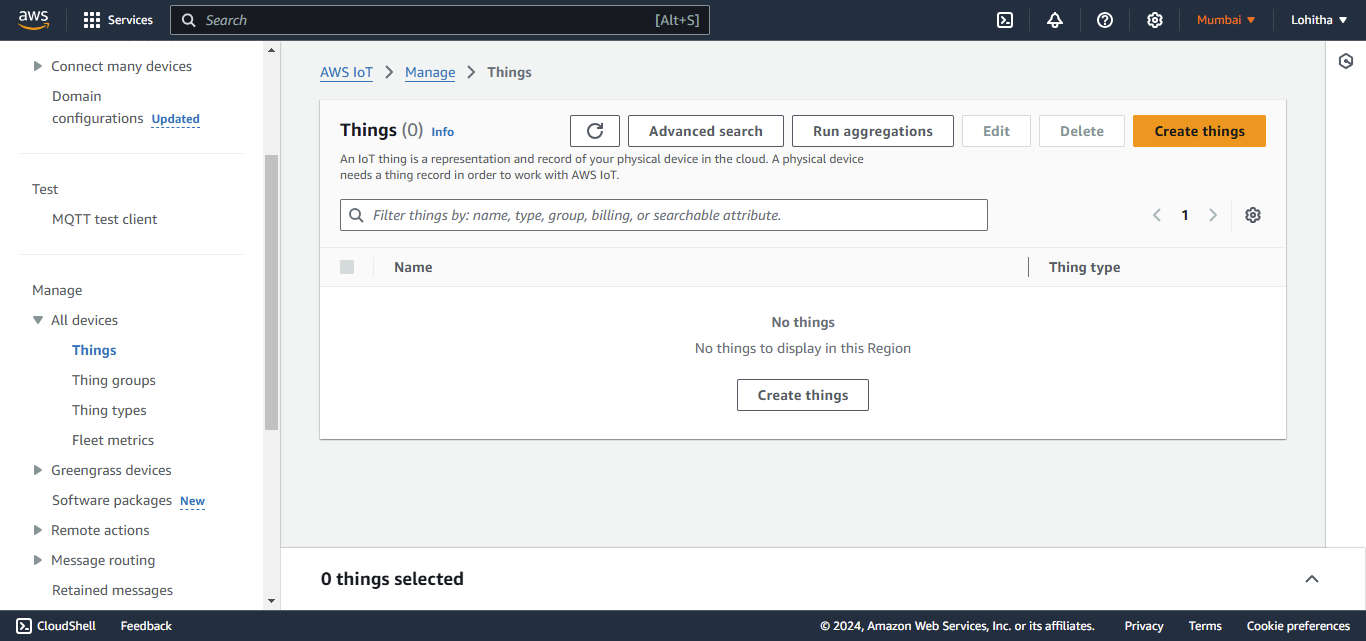
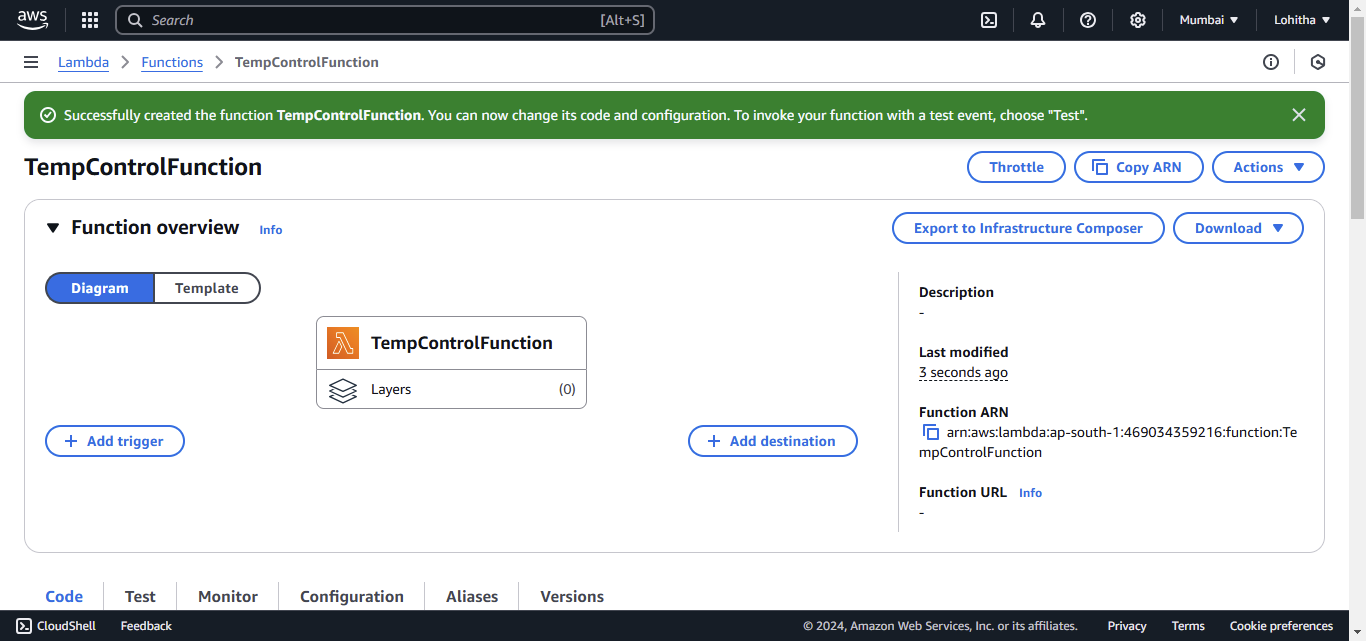
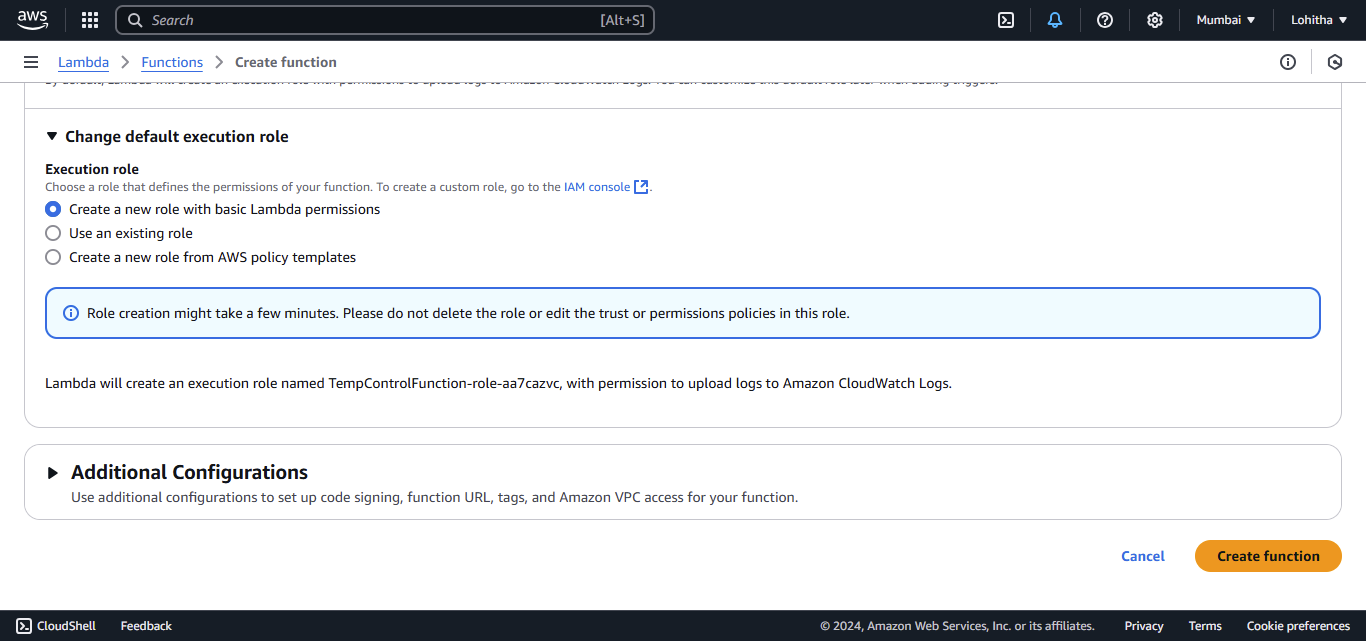
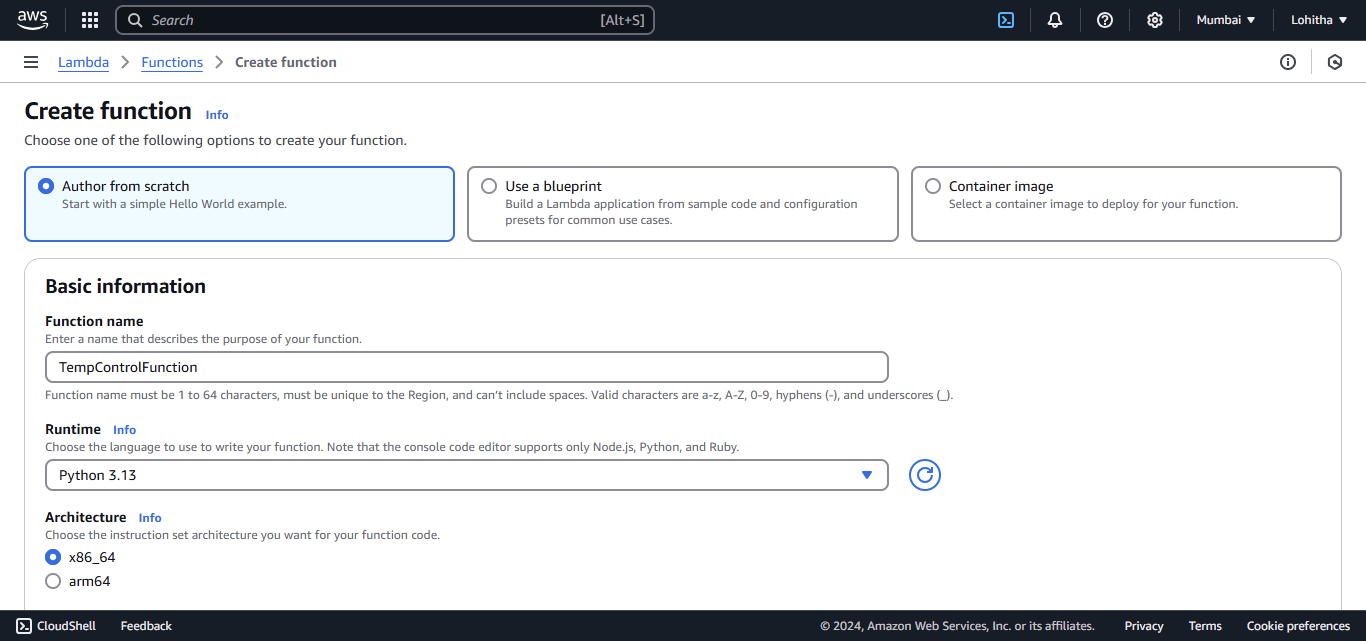
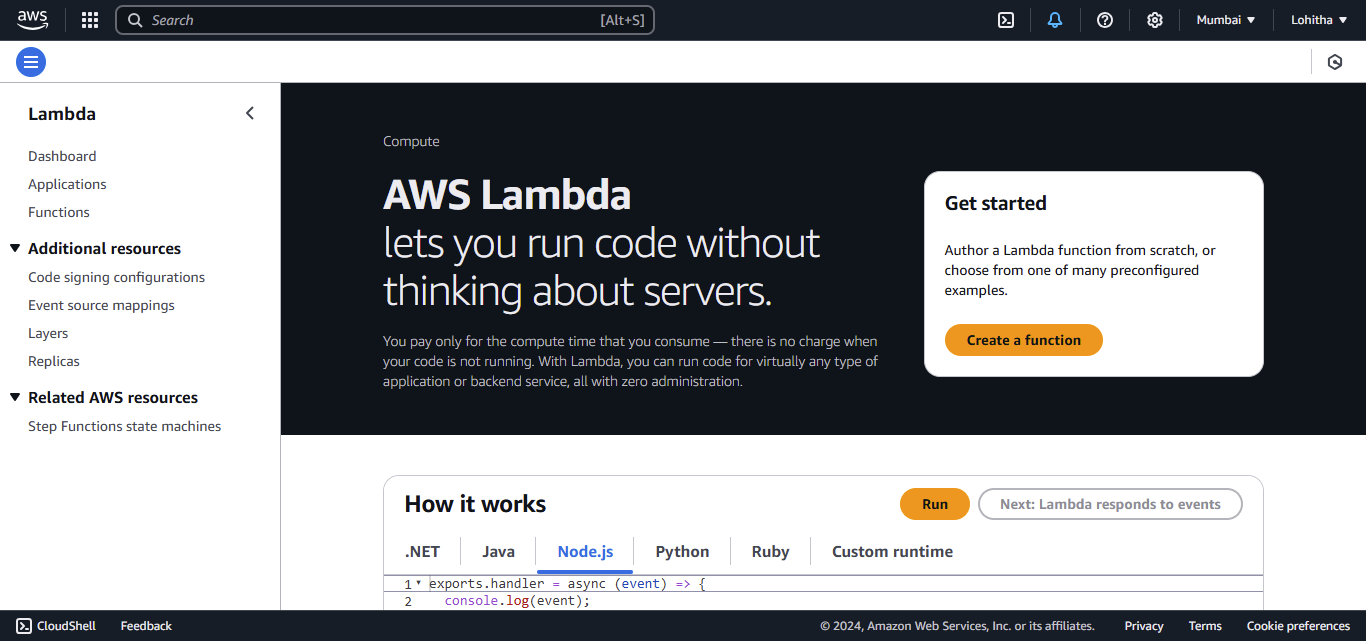
**Step 1: Set Up IoT Devices in AWS IoT Core**

**1. Register Devices**

1. Go to the [AWS Management Console](https://aws.amazon.com/console/).
2. Navigate to **IoT Core**.
3. Under **Manage > Things**, click **Create Thing**

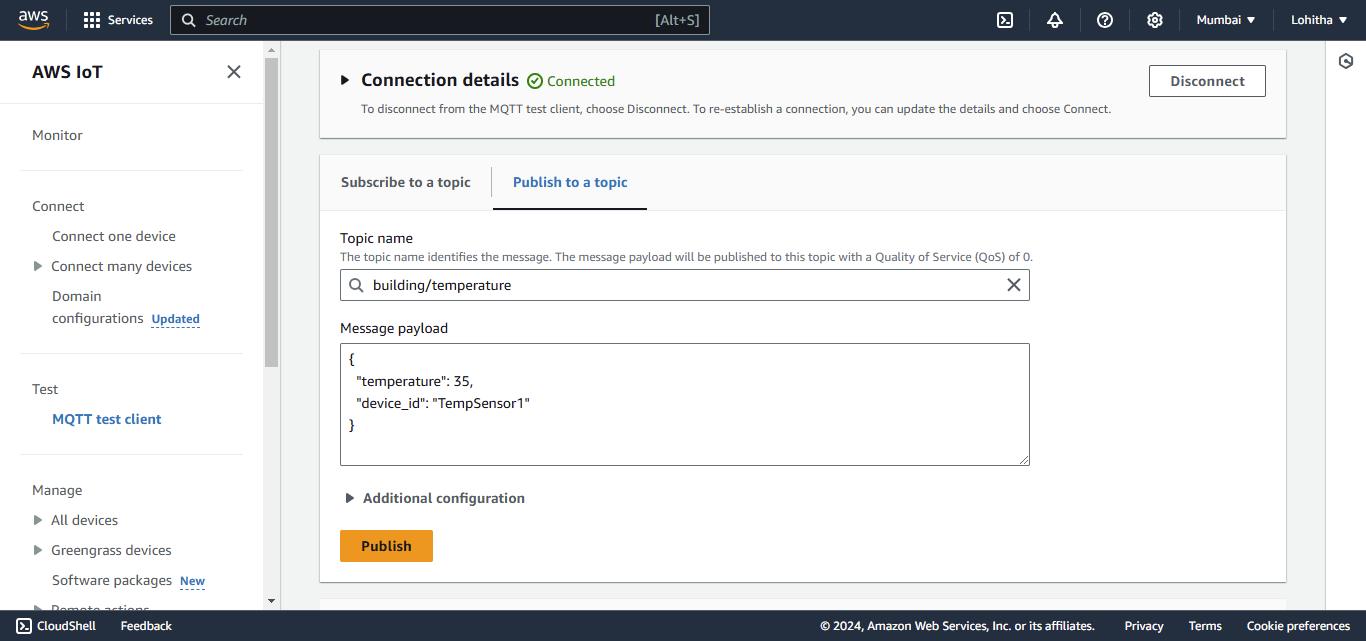


**Step 2: Process IoT Data Using AWS Lambda**

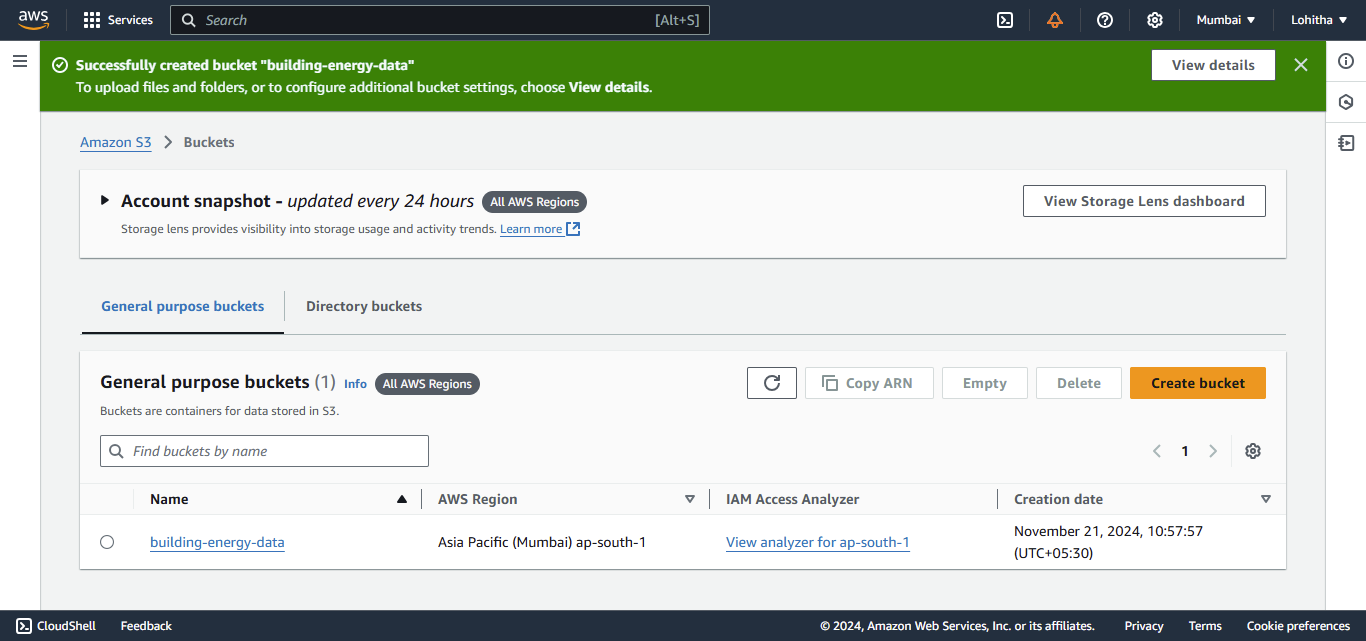
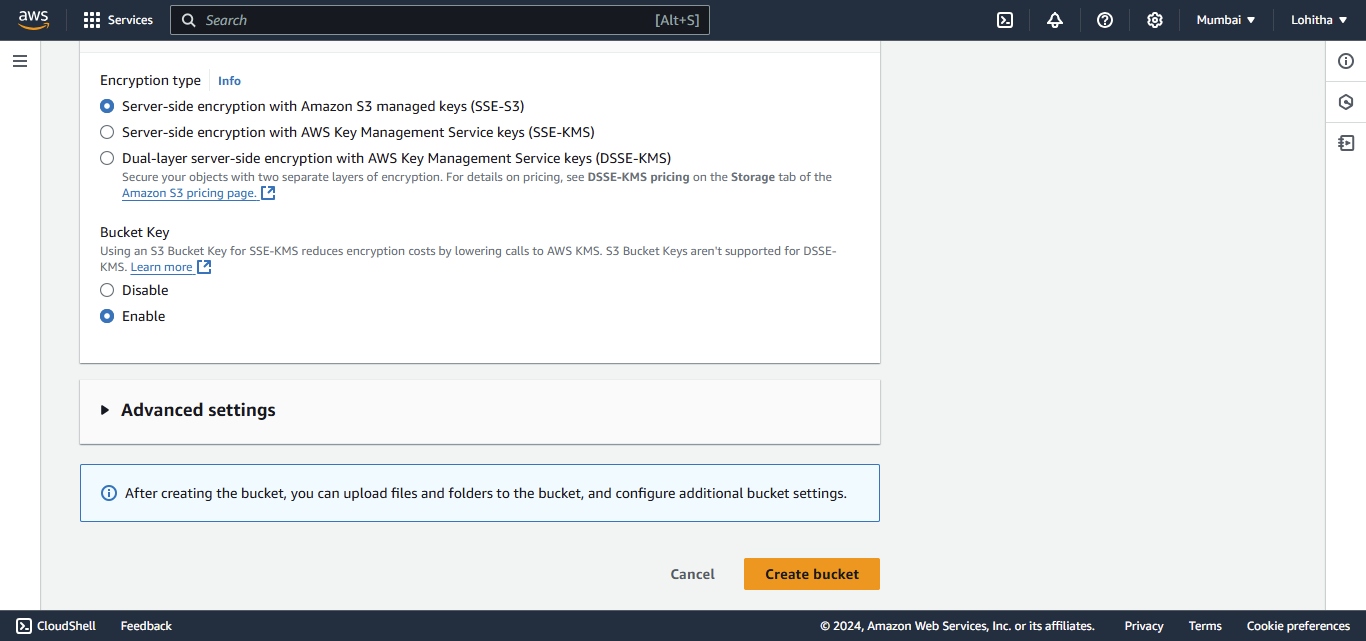
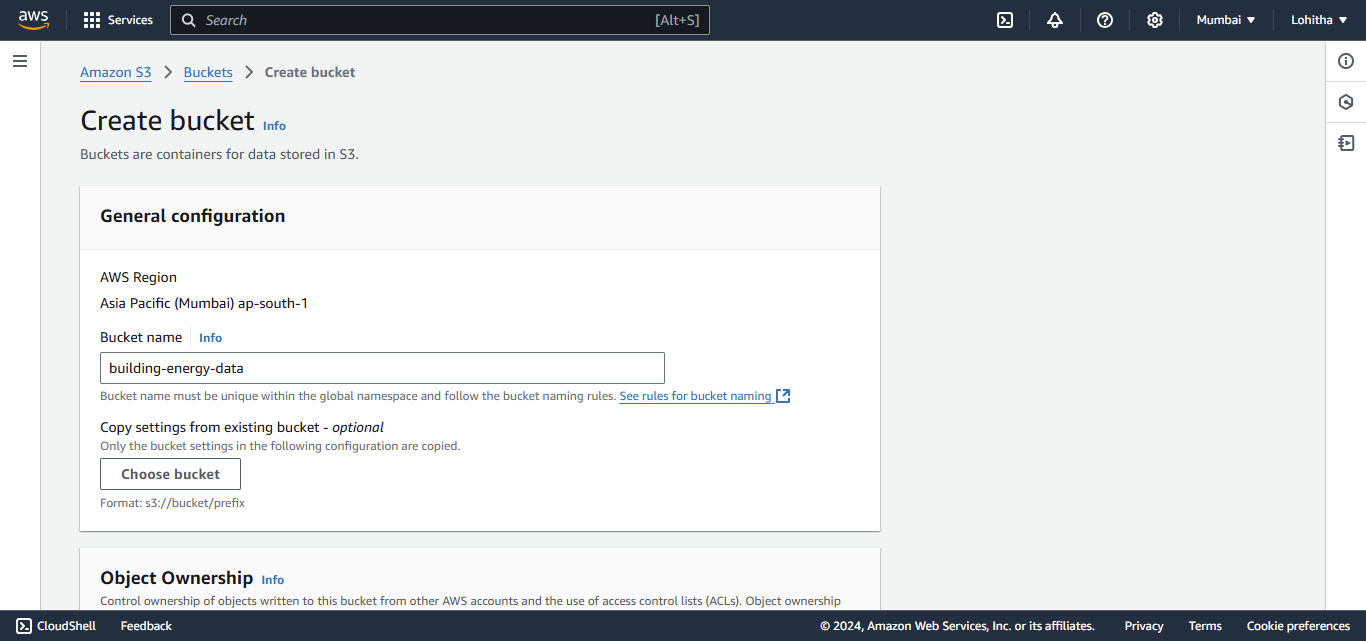
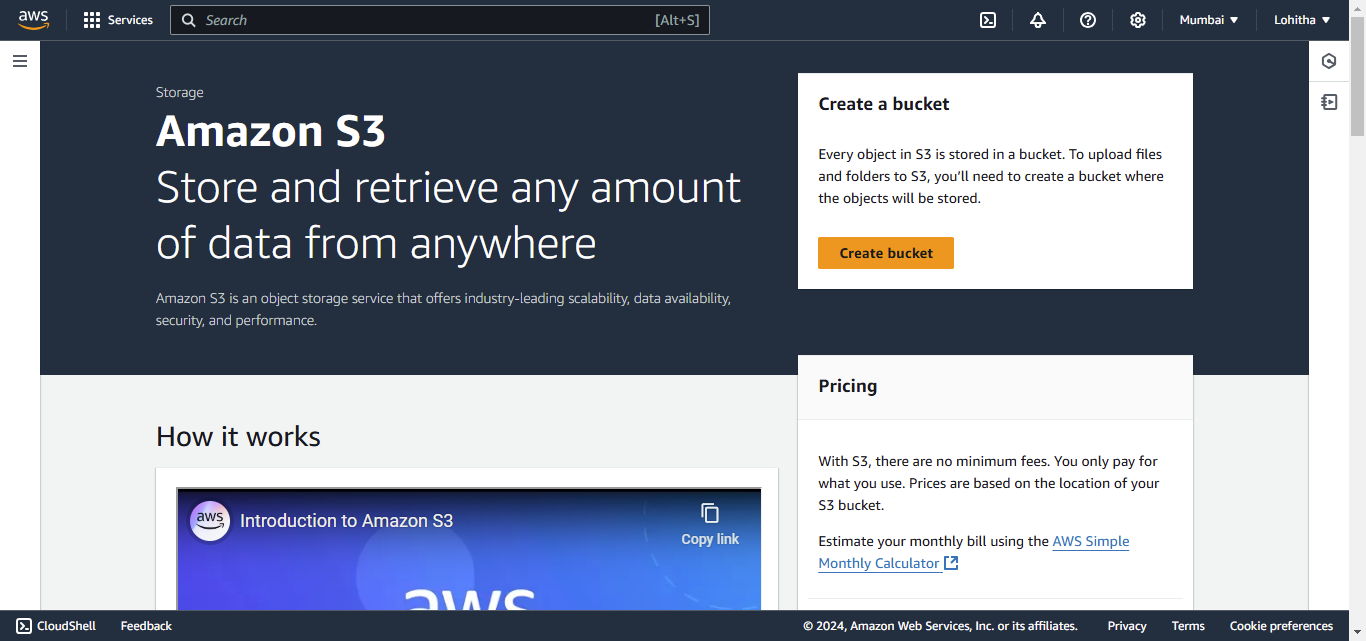
**Attach IoT Rule to Lambda**

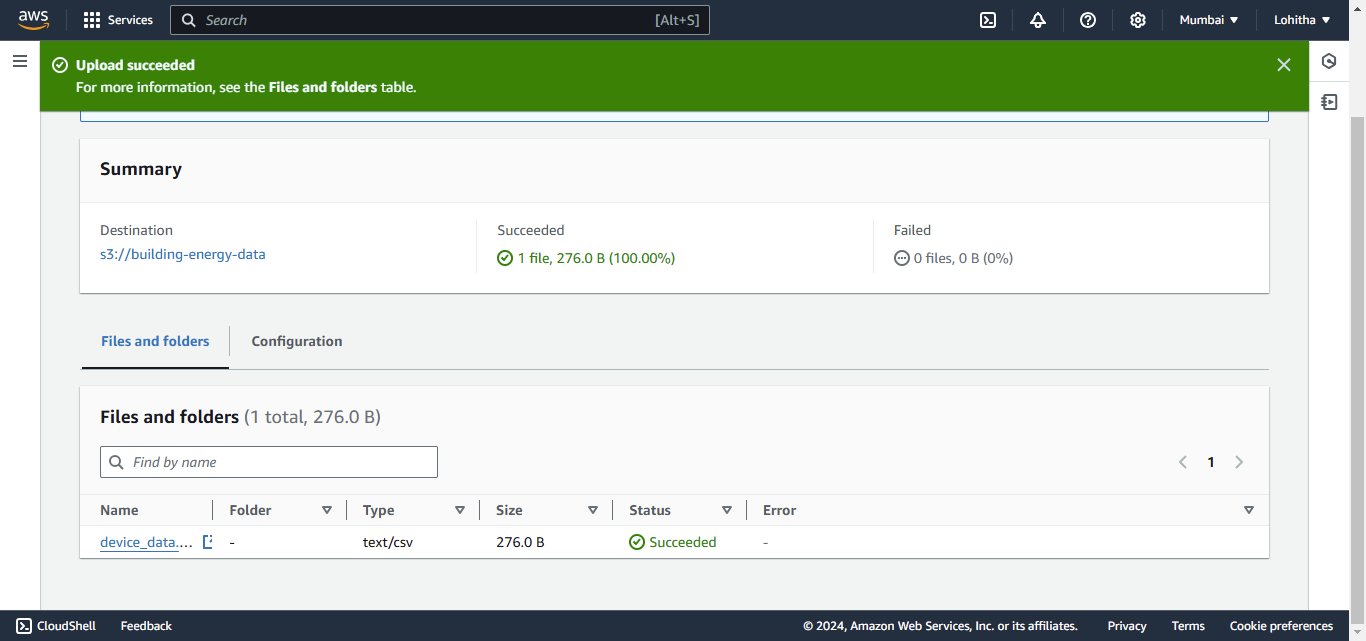
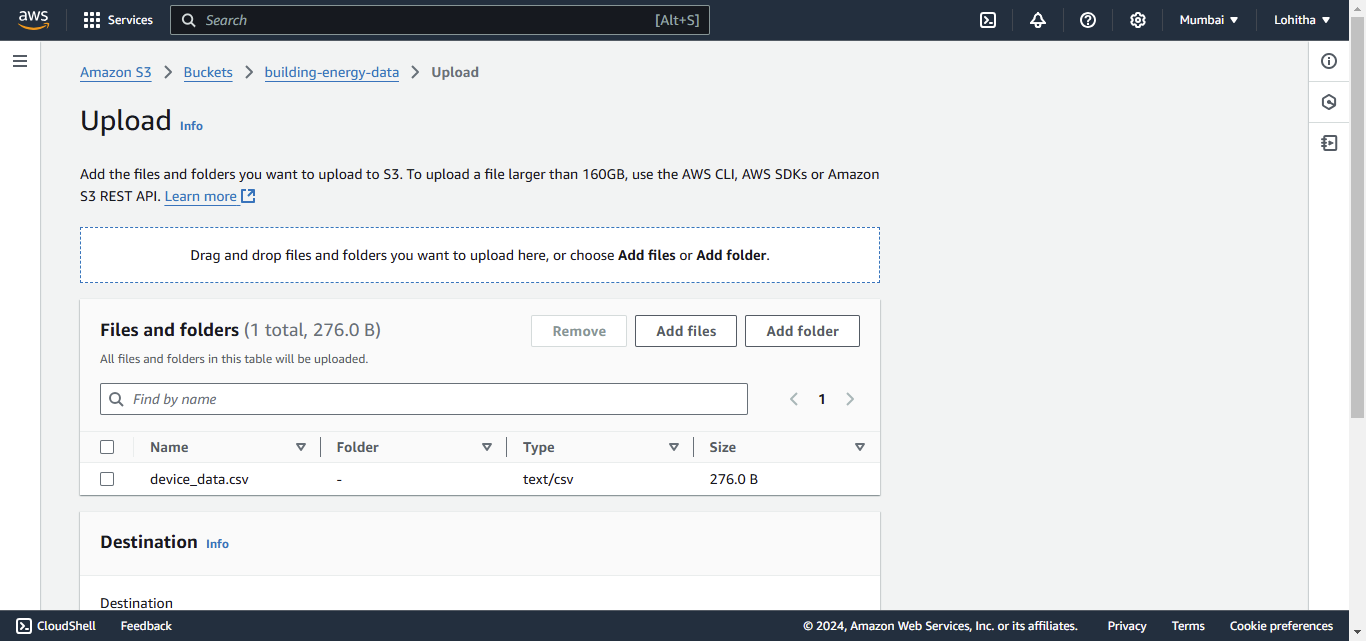
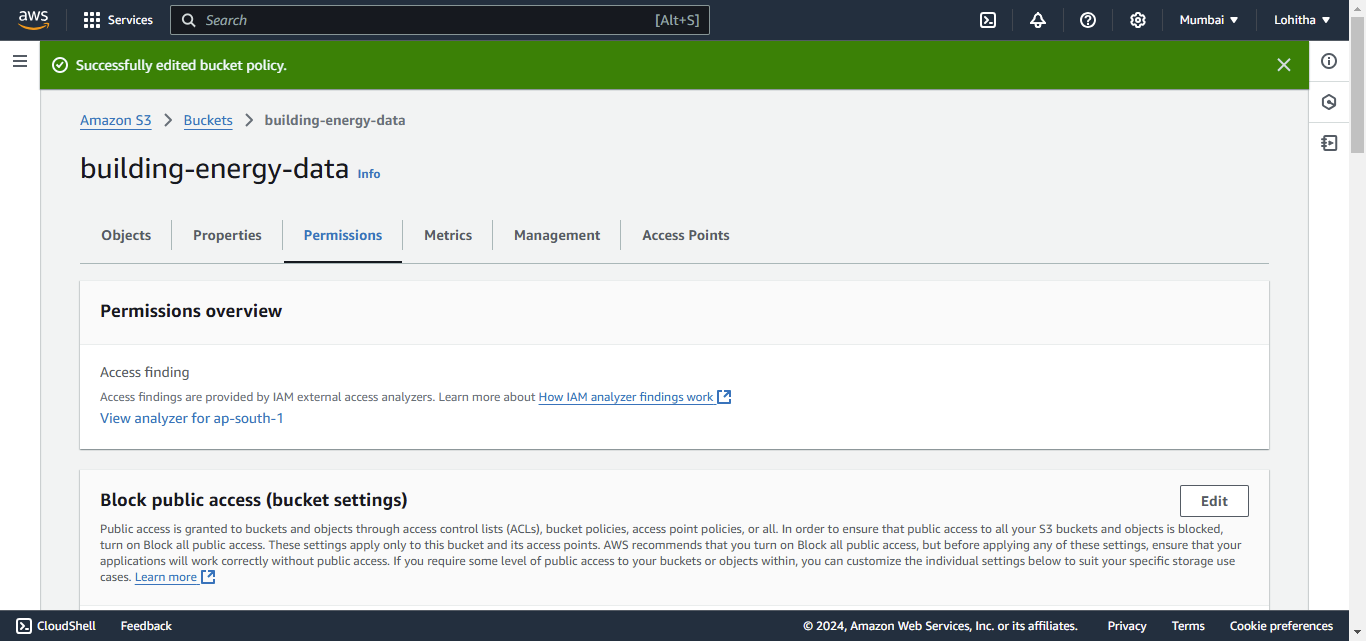
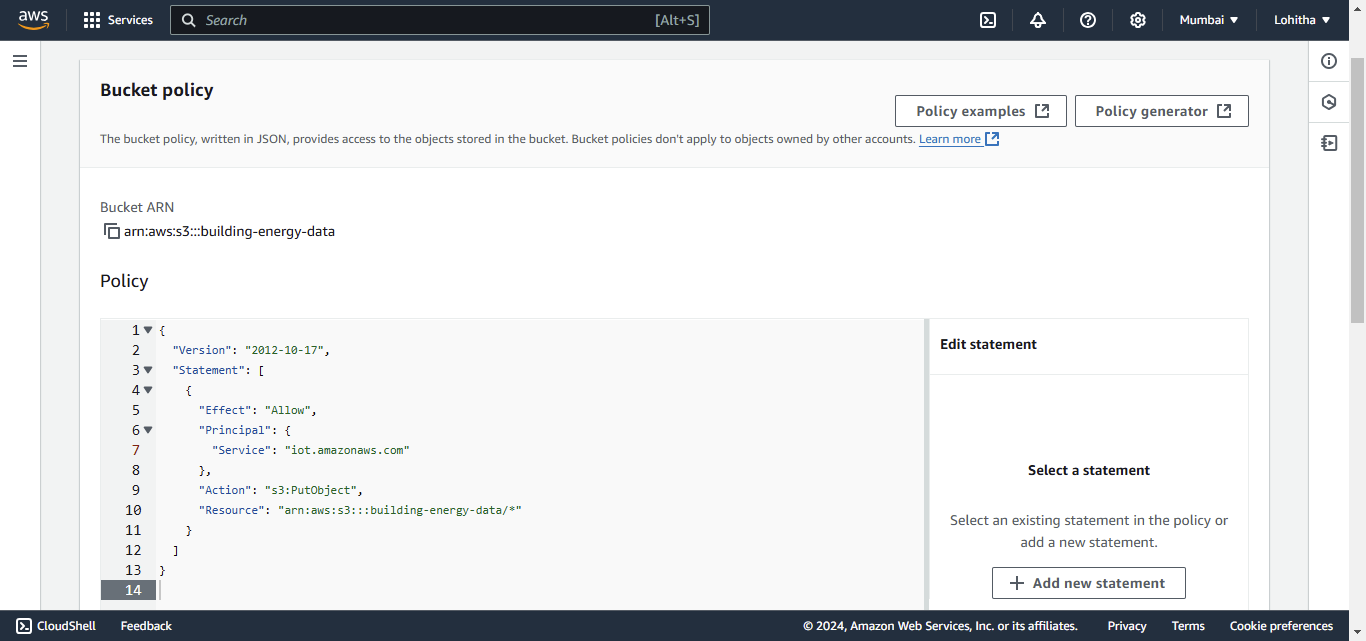
### ****Test the Setup****

1. **Simulate Data in MQTT Test Client:**

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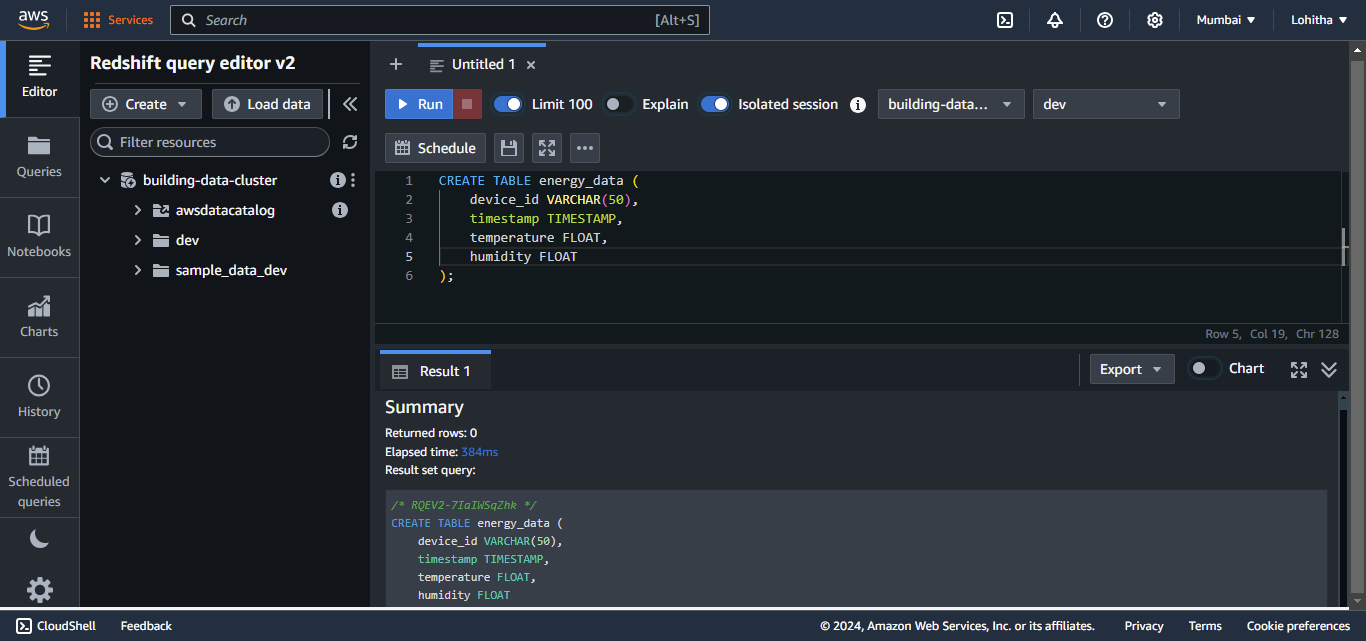
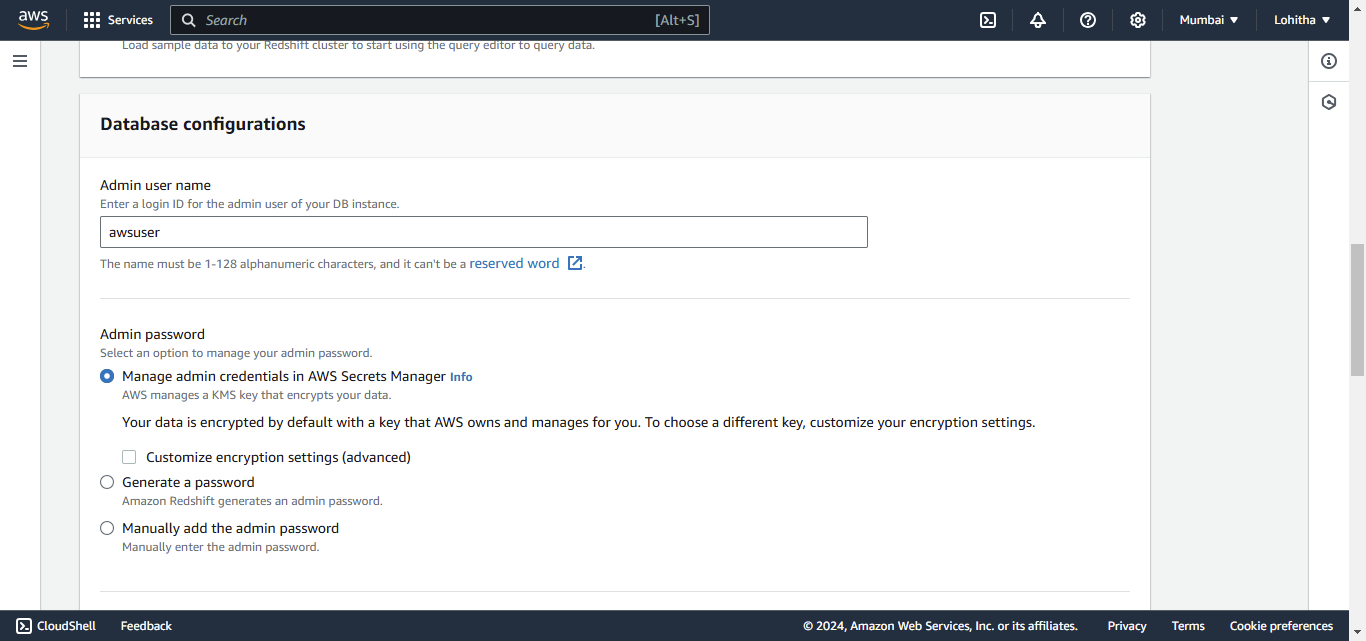
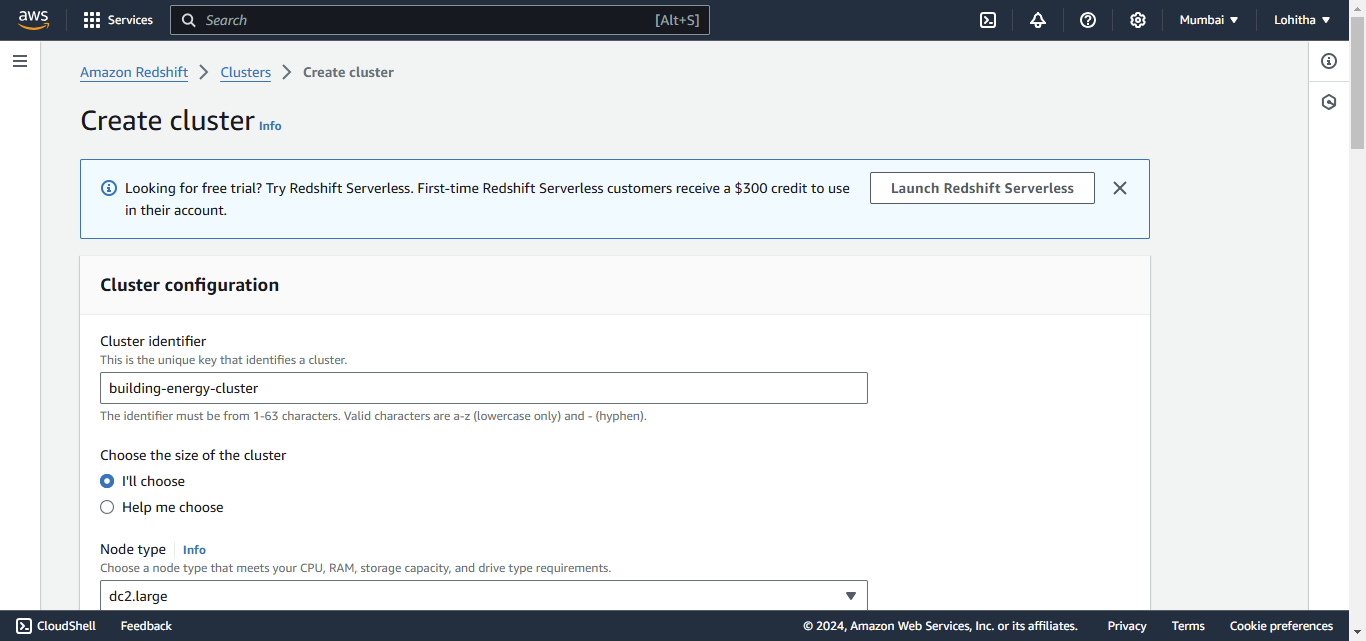
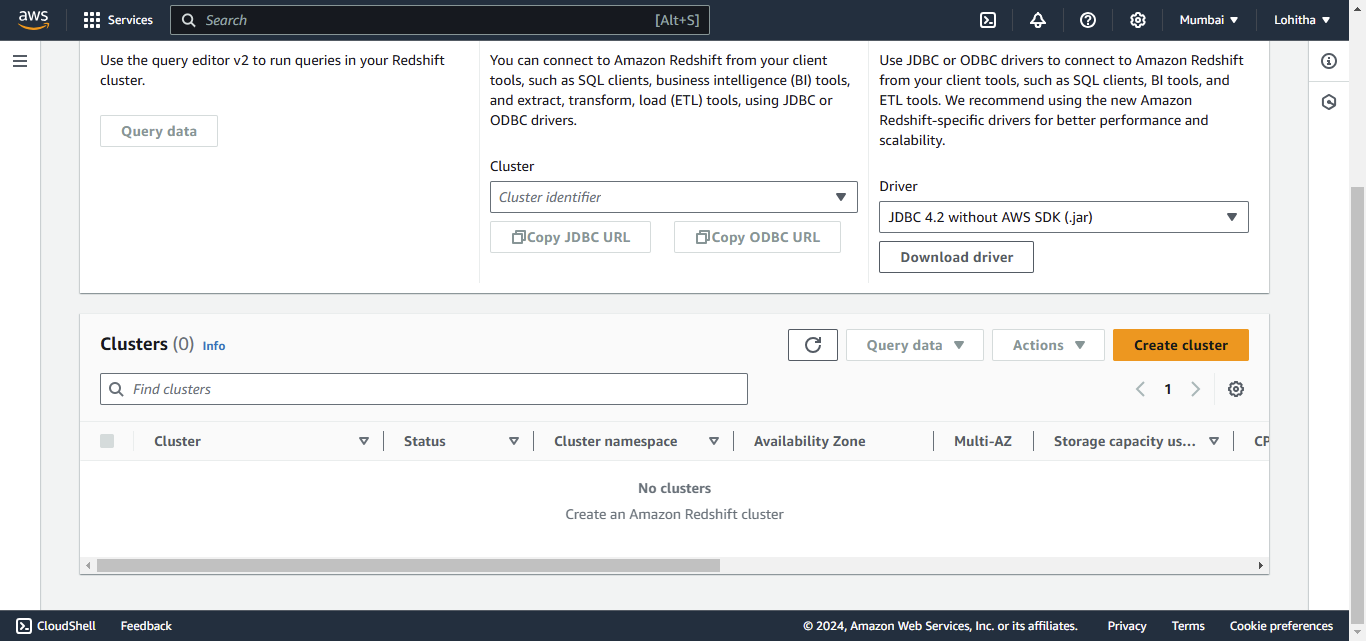
### ****Create an S3 Bucket****

1. **Access Amazon S3:**
2.  Log in to the [AWS Management Console](https://aws.amazon.com/console/).
3.  Search for **S3** in the search bar and select **Amazon S3**. 

****

**Set Up Amazon Redshift**

1. **Access Amazon Redshift:**
   * Search for **Redshift** in the AWS Management Console and select **Amazon Redshift**.
2. **Create a New Cluster:**
   * Click **Create cluster**.
   * Configure the cluster:

****