**Lesson 4 Demo 8**

**Creation and Deletion of KMS**

**Objectives:** To create and delete a customer managed key

**Prerequisites:** AWS account with an S3 bucket created

**Steps to be followed:**

1. Creating a customer managed key
2. Deleting a customer managed key

**Step** **1:** **Creating a customer managed key**

1. Go to the AWS management console home page, and search for and select **Key Management Service**:

Graphical user interface, application

Description automatically generated

1. Click on **Create a key**:

Graphical user interface, text

Description automatically generated

1. Configure the key with the default options as shown in the below screenshots, and click on **Next:**

Graphical user interface, application

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Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

**Note:** Provide an alias that can be changed at any point of time

1. Under **Key administrators**, select the username of your AWS Lab, select **Allow key administrators to delete this key**, and click on **Next:**

Graphical user interface, text, application, table, email

Description automatically generated

Graphical user interface, text, application, email

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1. Under the Define key usage permissions, select the username of your AWS Lab and click on **Next:**

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1. Scroll down to the **Key policy** tab, and click on **Finish:**

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1. KMS key has been successfully created

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**Step** **2:** **Deleting a customer managed key**

* 1. Go to **Customer managed keys**, and click on the created key:

Graphical user interface, text, application

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* 1. Under **Key actions**, select **Schedule key deletion**:

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* 1. Under **Schedule key deletion**, add a number between 7 and 30 under **Waiting period**:

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* 1. Confirm the deletion, and click on **Schedule deletion**:

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* 1. The key has been scheduled for deletion successfully

Graphical user interface, application

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**Note:** The key will be deleted after 7 days