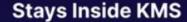
# Customer Master Key (CMK)





Can **never** be exported

#### **Key Material**

Customer-provided or AWS-provided

#### **Key State**

Enabled, disabled, pending deletion, unavailable



#### Alias

Your application can refer to the alias when using the CMK.

#### **Creation Date**

The date and time when the CMK was created

#### Description

You can add your own description to describe the CMK.

# **KMS Exam Tips**



## **Set Up CMK**

Create alias and description. Choose key material option.



#### **Key Administrative Permissions**

IAM users and roles that can administer (but not use) the key through the KMS API.



## **Key Usage Permissions**

IAM users and roles that can use the key to encrypt and decrypt data.







# KMS Exam Tips



#### **AWS-Managed CMK**

AWS-provided and AWS-managed CMK. Used on your behalf with the AWS services integrated with KMS.



## **Customer-Managed CMK**

You create, own and manage yourself.



#### **Data Key**

Encryption keys that you can use to encrypt data, including large amounts of data. You can use a CMK to generate, encrypt, and decrypt data keys.