

How to Set up a Role Related to a Keystore – Quick Guide

To grant the BYOK web service access to creating and maintaining keys in the KMS of your account, you must create a policy and include it in a role. This guide describes how you can set this up quickly using a CloudFormation template.

Choose the "Quick" Option

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	Create ne Connect your AWS account. You Cryptomattic AWS a External ID: TCEXID3B2 Quick Setus IMM policy and role via CloudFormation to	www.key.store will need the following information: ccount ID: 37btFUdBo1m8bgOjE7ZVhC Manual Follow this pagide on how to manually create the IAM	×	
	obtain your Role ARN. Role ARN Role ARN BACK	policy and role to obtain your Role ABN		

A new browser tab will open when you click the "Quick" button. You will be directed to the AWS login page, unless you are already logged in. Make sure that you log in to the AWS account where you want your keys to be stored in AWS KMS.

Log in to the AWS Account

First, log in to the AWS account (if not already logged in) where your KMS resides (i.e., where you want your keys to be exist):





Create CloudFormation Stack

After login, you will be forwarded directly to a form alredy automatically filled out with all relevant information. All you need to do is ensure that the stack name is not already in use (the stack name in the shown example is "CryptomathicAccess").

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Next, check the "I acknowledge..." box in the bottom of the form and click the "Create stack" button:

	External ID Provided by Cryptomathic. Do not change.					
	TCEXID3BJ37btFUdBo1m8bqOjE7ZVhC					
(Capabilities					
	() The following resource(s) require capabilities: [AWS::IAM::Policy, AWS::IAM::Role]					
	This template contains Identity and Access Management (IAM) resources. Check that you want to create each of these resources and that they have the minimum required permissions. In addition, they have custom names. Check that the custom names are unique within your AWS account. Learn more 🖸					
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AWS CloudFormation will begin creating the role and policy. To follow its progress, click the update button in the upper right corner to refresh the events list:

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Obtain Role ARN

When the stack reaches the "CREATE_COMPLETE" state, click the Outputs tab. Here you will find a "RoleArn" value. Copy it.



Apply the Role ARN to finish the set up

Return to the "Create new key store" page and paste the "RoleArn" value into the text field.

	BYOK Service		Docs Support				
			×				
Create new key store							
	Connect your AWS account. You will need the following information:						
	Cryptomathic AWS account ID: External ID: TCEXID3B37btFUdBo1m8bqOjF7ZVhC						
	Quick	Manual					
	Setup IAM policy and role via CloudFormation to obtain your Role ARN.	Follow this guide on how to manually create the IAM policy and role to obtain your Role ARN					
	Role ARN						
	arn:aws:iam:	role/CryptomathicByokServicef					
	ВАСК	CREATE NOW					

Click the "Create now" button. This completes creation of the key store, and you are now ready to add the first key.