

How to Configure the Amazon Web Services Import Service Role

<https://campus.barracuda.com/doc/71861409/>

This article refers to the Barracuda Backup firmware version 6.4.05 or newer, VMware and the vSphere Data Recovery API, supported versions of Microsoft Hyper-V, and Amazon Web Services (AWS).

Before you can restore VMware and Hyper-V virtual machine (VM) backups to Amazon Web Services (AWS), you must first create the service role `vmimport`.

You must configure the AWS Import Service Role to restore VMware or Hyper-V machines to an AWS **Amazon** Machine Image (AMI). If you completed the *Configure an Amazon Web Services Import Service Role (Optional)* step in the article [Amazon Web Services Offsite Replication](#), you have already configured the AWS Import Service Role.

Amazon Elastic Compute Cloud (EC2) and Amazon Simple Storage Service (S3) instances are typically separate. AWS requires a role to allow EC2 to access your S3 storage. AWS uses the `vmimport` service role to provide permissions between EC2 and S3. This step assumes you have not set up the `vmimport` service role. If you previously set up the `vmimport` role, you must grant Barracuda Networks access to replicate Barracuda Backup data to AWS.

To create the service role:

1. Click the following hyperlink:
<https://console.aws.amazon.com/cloudformation/home?#/stacks/new?stackName=barracuda-vmimport-stack&templateURL=https://s3.us-east-2.amazonaws.com/barracuda-templates/vmimport.template>
2. On the **Select Template** page, verify that **Specify an Amazon S3 template URL** is selected and that the URL in the text box matches the URL in the following images:

Select Template

Select the template that describes the stack that you want to create. A stack is a group of related resources that you manage as a single unit.

Design a template Use AWS CloudFormation Designer to create or modify an existing template. [Learn more.](#)

Choose a template A template is a JSON/YAML-formatted text file that describes your stack's resources and their properties. [Learn more.](#)

Select a sample template

Upload a template to Amazon S3

No file chosen

Specify an Amazon S3 template URL

[View/Edit template in Designer](#)

3. On the **Select Template** page, click **Next**.
4. On the **Specify Details** page, click **Next**.
5. On the **Options** page, click **Next**.
6. On the **Review** page, select **I acknowledge that AWS CloudFormation might create IAM resources with custom names**, and then click **Create** to create the **vmimport** role in your AWS account:

Create stack

Select Template
Specify Details
Options
Review

Review

Template

Template URL	https://s3.us-east-2.amazonaws.com/barracuda-templates/vmimport.template
Description	DESCRIPTION
Estimate cost	Link is not available

Details

Stack name: barracuda-vmimport-stack

Options

Tags

No tags provided

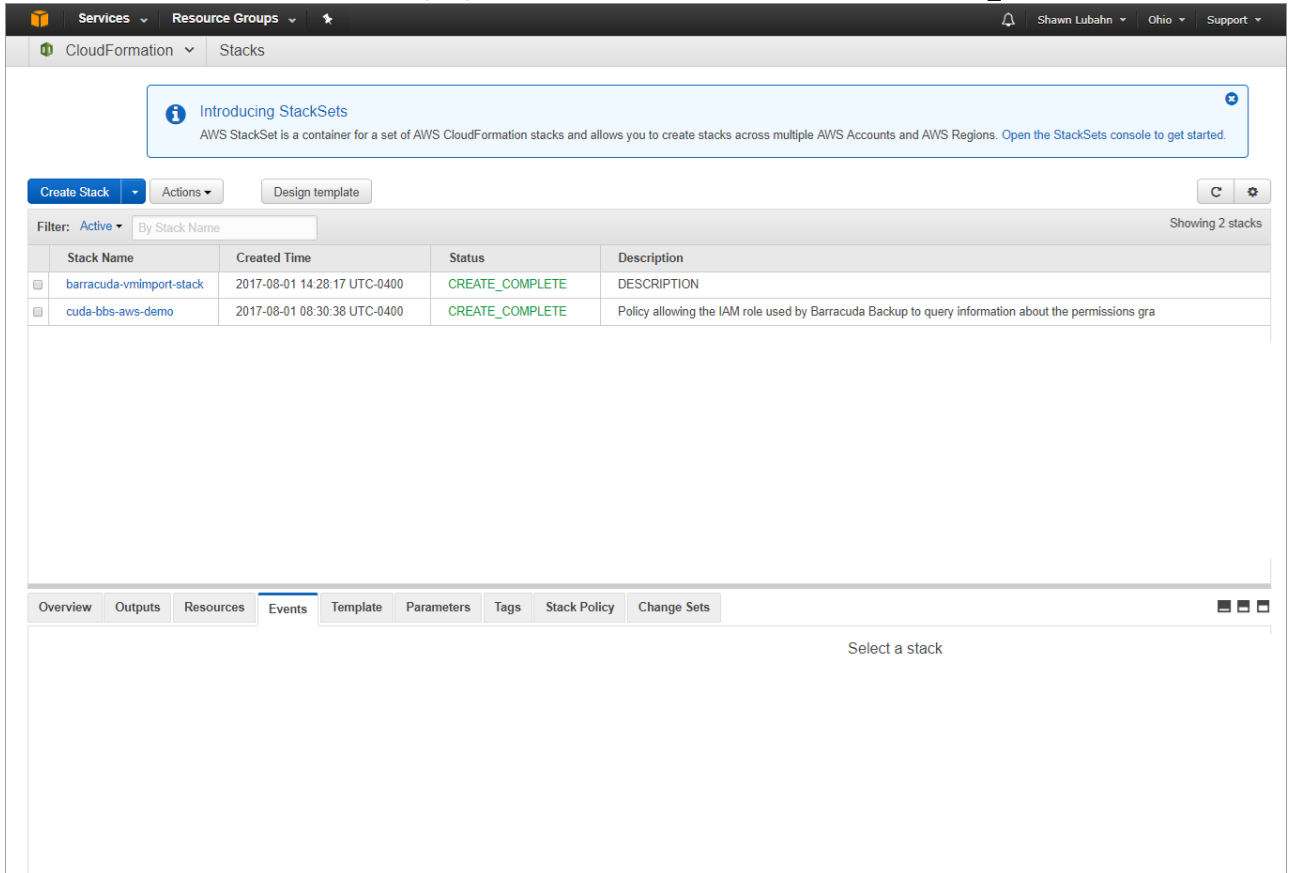
Advanced

Notification	
Timeout	none
Rollback on failure	Yes

Capabilities

i The following resource(s) require capabilities: [AWS::IAM::ManagedPolicy, 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.](#)

I acknowledge that AWS CloudFormation might create IAM resources with custom names.

7. Once the stack is created, it displays in the table with a status of **CREATE_COMPLETE**:

The screenshot shows the AWS CloudFormation console interface. At the top, there are navigation tabs for 'Services' and 'Resource Groups'. Below that, the 'CloudFormation' section is active, showing 'Stacks'. A notification banner at the top reads 'Introducing StackSets' with a link to the StackSets console. Below the notification, there are buttons for 'Create Stack', 'Actions', and 'Design template'. A filter dropdown is set to 'Active' and a search box contains 'By Stack Name'. The table below shows two stacks, both with a status of 'CREATE_COMPLETE'.

Stack Name	Created Time	Status	Description
barracuda-vmimport-stack	2017-08-01 14:28:17 UTC-0400	CREATE_COMPLETE	DESCRIPTION
cuda-bbs-aws-demo	2017-08-01 08:30:38 UTC-0400	CREATE_COMPLETE	Policy allowing the IAM role used by Barracuda Backup to query information about the permissions gra

Below the table, there are tabs for 'Overview', 'Outputs', 'Resources', 'Events', 'Template', 'Parameters', 'Tags', 'Stack Policy', and 'Change Sets'. The 'Events' tab is currently selected, and the content area below it says 'Select a stack'.

Figures

1. SpecifyAmazonS3.png
2. CreateVMimport.png
3. Create_Complete.png

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