- If you are logged into your personal AWS account or your corporate AWS account, you should log out now.
- Open this link in a new browser tab: AWS provided account
- Click on the **AWS Console** button
- It should bring up a pop-up screen. On the pop-up, under Login Link click on **Open Console**
- You should be logged into the AWS provided account
- Please verify that the region selected is **N.Virginia**

2. An IAM Role called CaAdminRole is the role that a CA administrator would assume.

- Assume the role named CaAdminRole by using switch role on the AWS console in the AWS account that you are currently logged into
- This role has permissions that a Certificate Authority administrator will need for CA administration. As a CA administrator you will be responsible for creating a root and subordinate certificate authority hierarchy
- If you are not familiar with switching roles, follow this tutorial if needed: Assume Role in Console

3. Build the infrastructure needed for creating a CA hier elow

Please download the CF template by right clicking and sav dmin Cloudformation Stack by right clicking and saving the yam

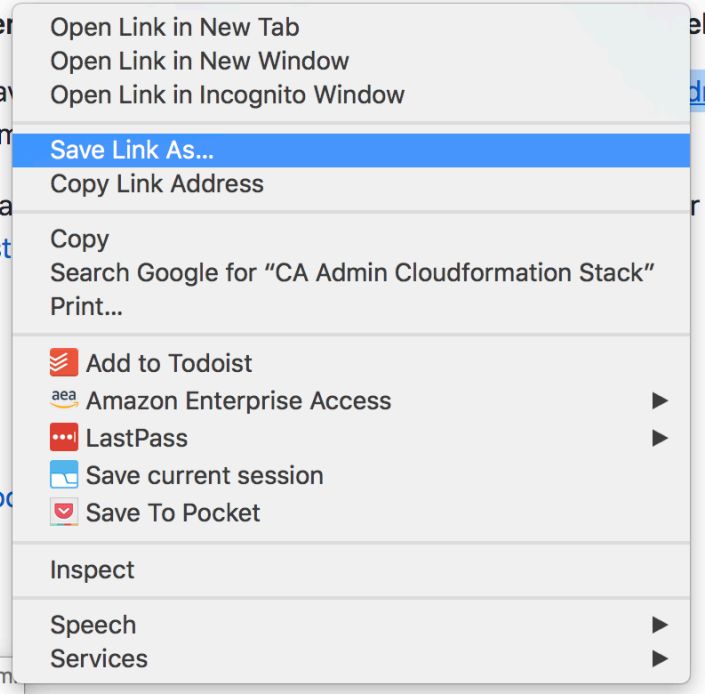
Upload and launch the cloudformation stack in the AWS a r with this, follow instructions here Deploy Cloudformation Stack Inst

4. Create a Root CA.

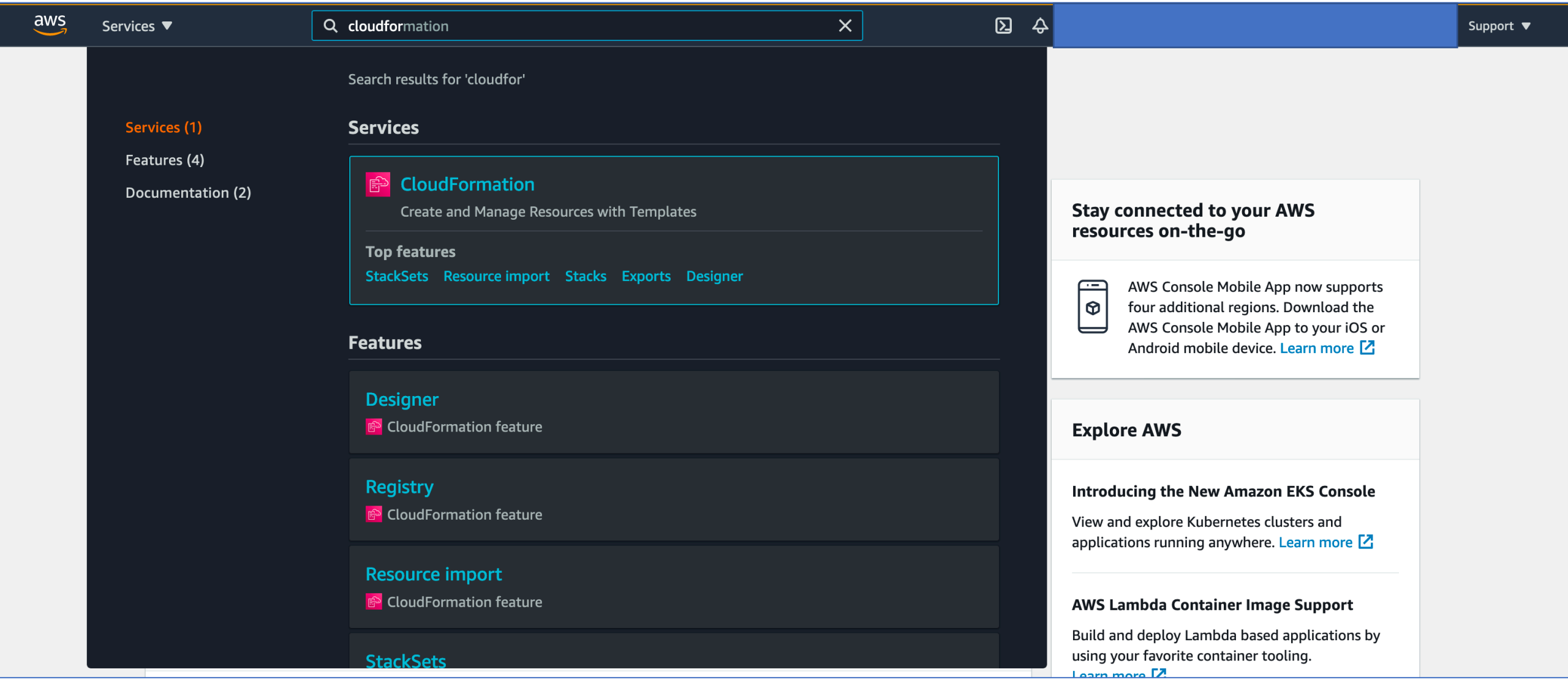
- Navigate to ACM Service in the AWS Console
- Click Get Started under Private Certificate Authority
- Click this link for the rest of the steps : Creating a Roo

5. Create a Subordinate Issuing CA.

- Navigate to ACM Service in the AWS Console

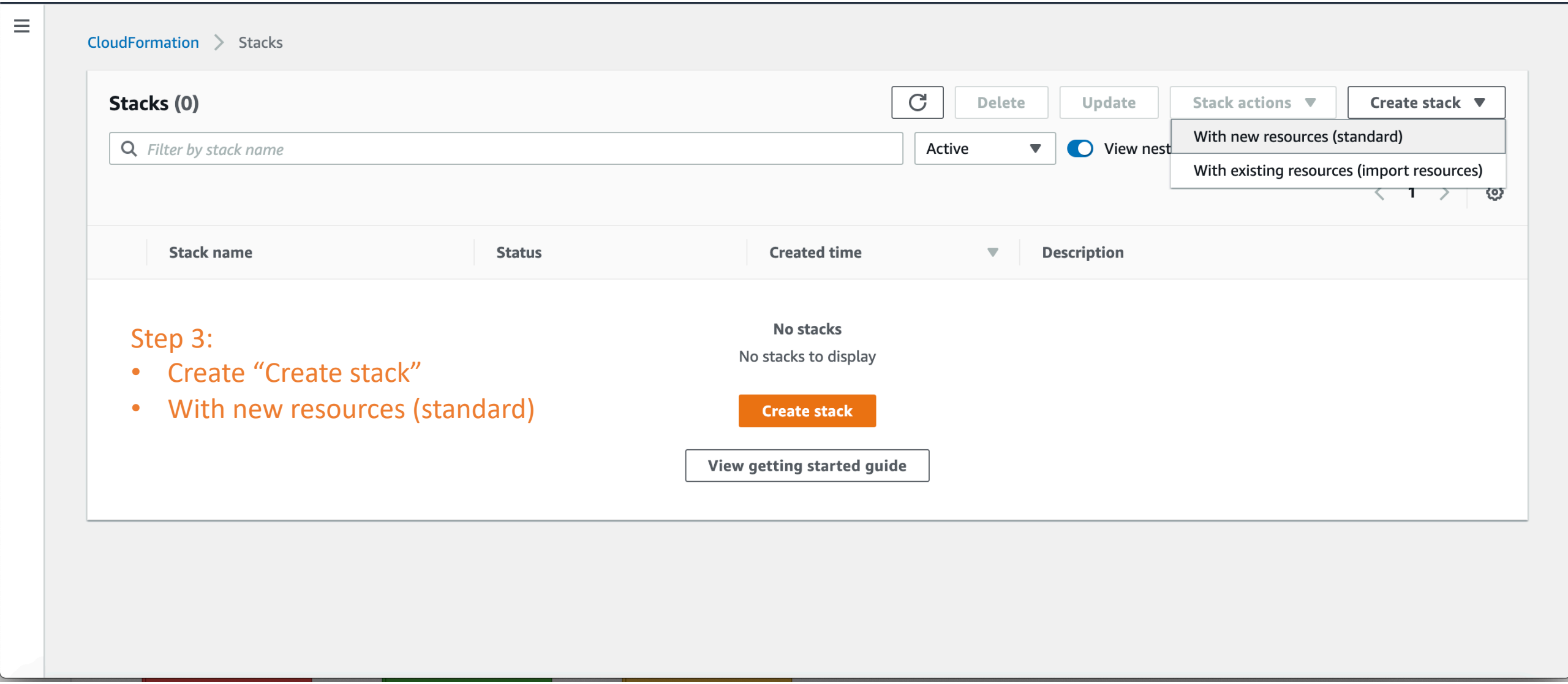


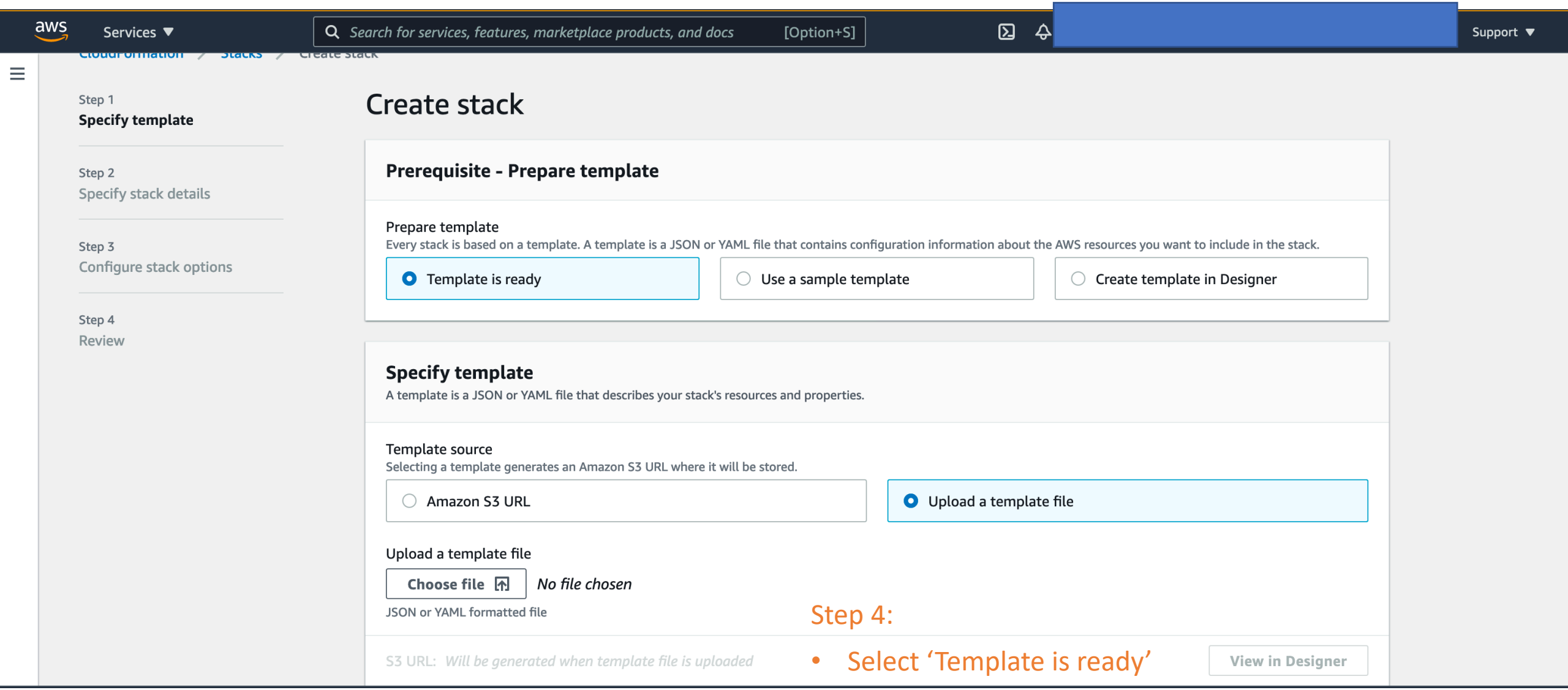
Step 1:
- Save Link As



Step 2:

- Navigate to CloudFormation


CloudFormation
Stacks
Stacks (0)
Delete
Update
Stack actions
Create stack
With new resources (standard)
With existing resources (import resources)
Filter by stack name
Active
View nest
1
Stack name
Status
Created time
Description
No stacks
No stacks to display
Create stack
View getting started guide
Step 3:
• Create “Create stack”
• With new resources (standard)



Step 4:

- Select ‘Template is ready’
- Select ‘Upload a template file
- Choose File -> Select the YAML you downloaded

Step 1
Specify template

Step 2
Specify stack details

Step 3
Configure stack options

Step 4
Review

Specify stack details

Stack name

Step 5:
- Enter stack name

Stack name

IoTStack

Stack name can include letters (A-Z and a-z), numbers (0-9), and dashes (-).

Parameters

Parameters are defined in your template and allow you to input custom values when you create or update a stack.

InstanceType
Pick an instance type for the Cloud9 environment

t2.medium

ResourceName
Prefix for resources created in this session.

builders

Cancel Previous Next

IAM role - optional

Choose the IAM role for CloudFormation to use for all operations performed on the stack.

IAM role name | Sample-role-name | Remove

Advanced options

You can set additional options for your stack, like notification options and a stack policy. Learn more

Stack policy

Defines the resources that you want to protect from unintentional updates during a stack update.

Rollback configuration

Specify alarms for CloudFormation to monitor when creating and updating the stack. If the operation breaches an alarm threshold, CloudFormation rolls it back. Learn more

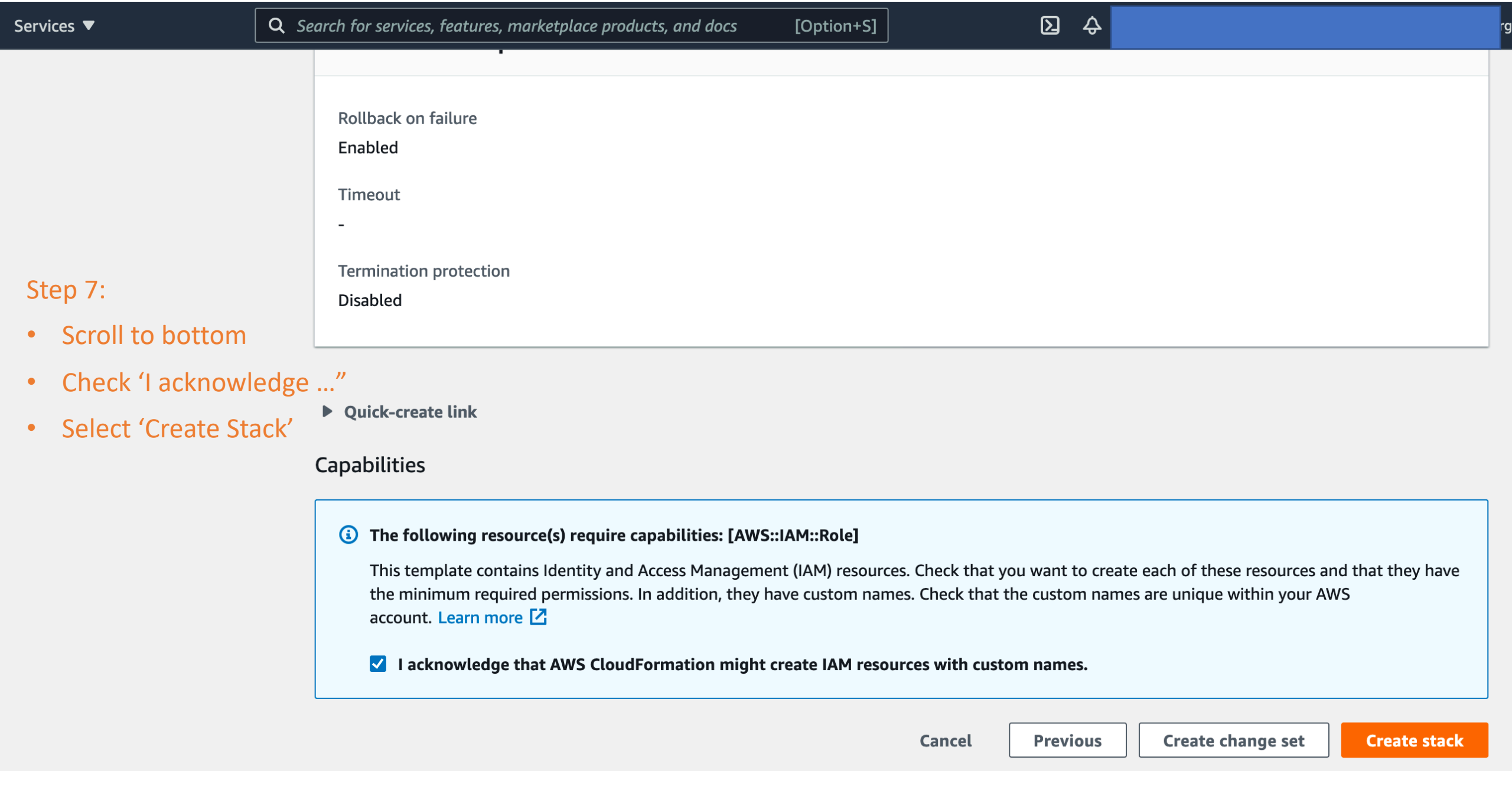
Notification options

Stack creation options

Step 6:

- Scroll to bottom
- Select 'Next'

Cancel | Previous | Next



Step 7:

- Scroll to bottom
- Check ‘I acknowledge …”
- Select ‘Create Stack’