- Using private certificates on IU1 devices so that the IU1 devices can authenticate with AW5 IU1 Core
- Learn how to monitor security events associated with your private Certificate Authority
- Learn Security best practices for your PKI infrastructure
- Using certificate templates for generating code signing certificates
- Multiple quizzes for re inforced learning

1a. If you are using a AWS provided account for this workshop (at an AWS event)

- 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
- Log in with your hash that's provided to you during the event
- 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 with staff

1a. If you are using your own AWS account

- Log into your desired AWS account
- You should be logged into the AWS provided account
- Please verify that you're in the desired region
- Please download the CF template by right clicking this link <u>AWS provided</u>
- Upload and launch the cloudformation stack in the AWS account that you Stack Instructions in a new browser tab Deploy Security Admin Cloudfor

Let's setup the Certificate Authority Hiera

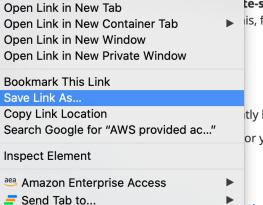
- 2. An IAM Role called CaAdminRole is the role that a CA administrator wo
 - Assume the role named **CaAdminRole** by using switch role on the AWS
 - This role has permissions that a Certificate Authority administrator will I
 - If you are not familiar with switching roles, follow this tutorial if needed:

3. Build the infrastructure needed for creating a CA hierarchy by deployir

Please download the CF template by right clicking and save link as the filenam

Upload and launch the cloudformation stack in the AWS account that you are logged inτο. If you are not ramiliar with this, τομόν instructions here by right clickking and opening link in a new browser tab Deploy CA Admin Cloudformation Stack Instructions

4. Create a Root CA.



LastPass

te-security-admin.yaml

is, follow instructions here by right clicking and opening this link Deploy Security Admin Cloudformation

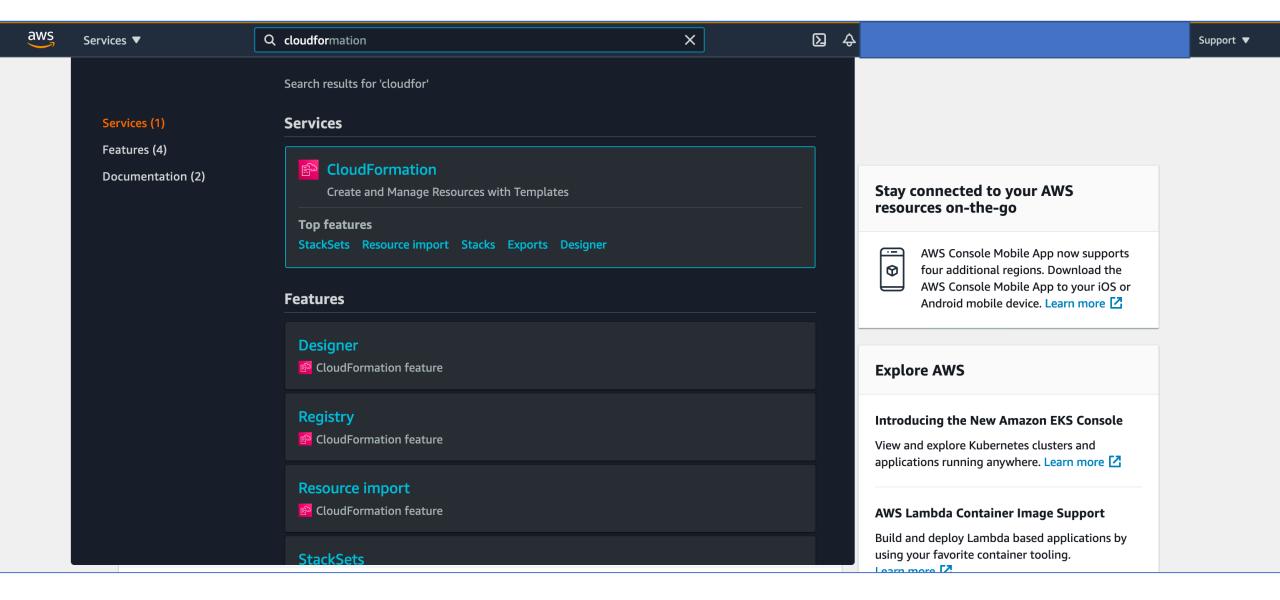
tly logged into

or you will be responsible for creating a root and subordinate certificate authority hierarchy

ation Stack by right clicking and saving the yaml file on your laptop.

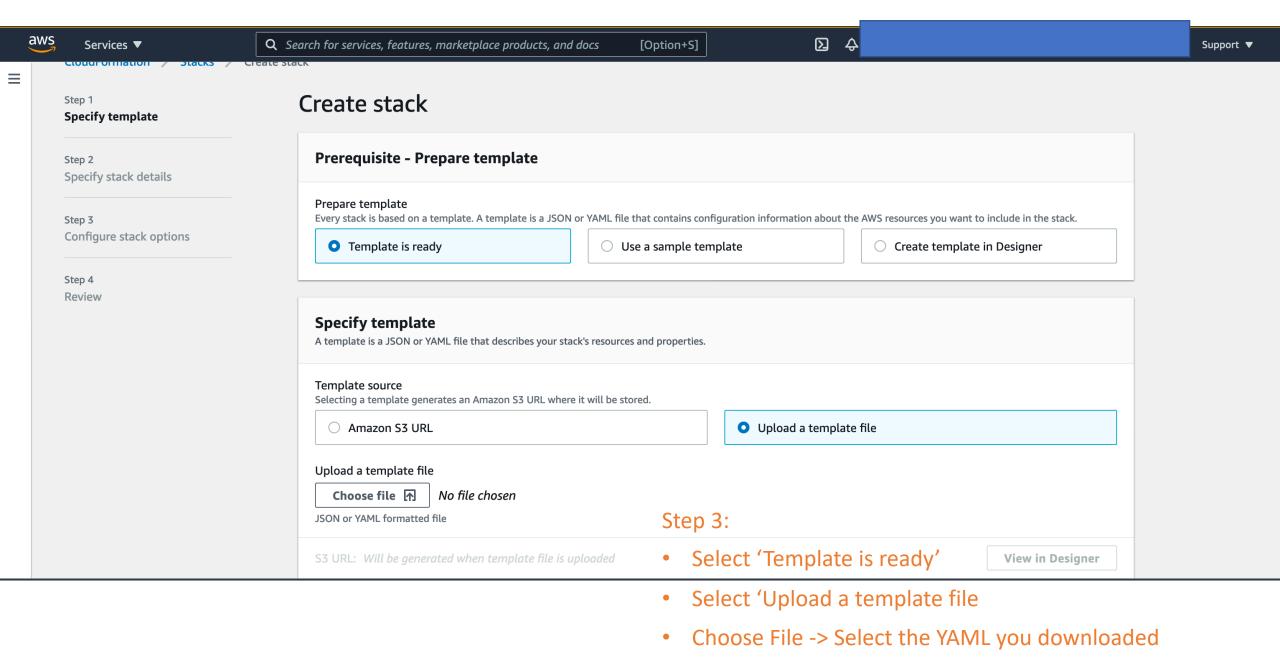
Step 1:

Right Click -> Save Link As...



Step 2:

• Navigate to CloudFormation





Services ▼ Q Search for services, features, marketplace products, and docs

[Option+S]



Support ▼

CloudFormation > Stacks > Create stack

Step 1

Specify template

Step 2

Specify stack details

Step 3

Configure stack options

Step 4 Review

Specify stack details

Stack name

Stack name

SecurityAdminStack

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.

No parameters

There are no parameters defined in your template

Step 4:

Cancel

Previous

Next

Name the stack

