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Using CloudFormation in AWS Console

AWS CloudFormation Designer

- **AWS CloudFormation Designer** is a graphic tool for creating, viewing, and modifying AWS CloudFormation templates.
- With Designer you can diagram your template resources using a **drag-and-drop** interface.
- You can edit their details using the **integrated JSON and YAML editor**.
- AWS CloudFormation Designer can help you see the relationship between template resources.
- Navigate to CloudFormation Service > **Create Stack** > On the Select Template page > **Upload a template file** > **Select the YAML/JSON Template file**.
- Once you upload the template, this template files get uploaded in a default S3 bucket.
- To view the resources that will be created using this Template, you can click on the **View in Designer**.
- Review the graphical representation of the environment that will be created including the template in the JSON/YAML format.

This Editor can also be use to convert existing Template from **JSON to YAML** and vice versa.

- Select the **Create Stack** icon > choose **Next**.
- In the Specify Details section, define a **Stack name**, provide an appropriate name.
- In the **Parameters** section:
 - Enter the necessary parameters provided in **Parameters** section in the CF Template
 - There can be some **Default** value set within the template
 - Specify the **EnvironmentName** either as **dev|qa|prod** > choose **Next**
 - On the Options page under **Tags**, specify Key Value for Tags.
 - To create Stack with all default options, Scroll to the bottom and choose Next.
 - On the Review page, review your choices and then choose Create.
 - On the CloudFormation console page, select the specific Stack that just got created.
 - Verify details under **Events , Resources , Output and Template** Tabs to see the activity log from the creation of your CloudFormation stack.