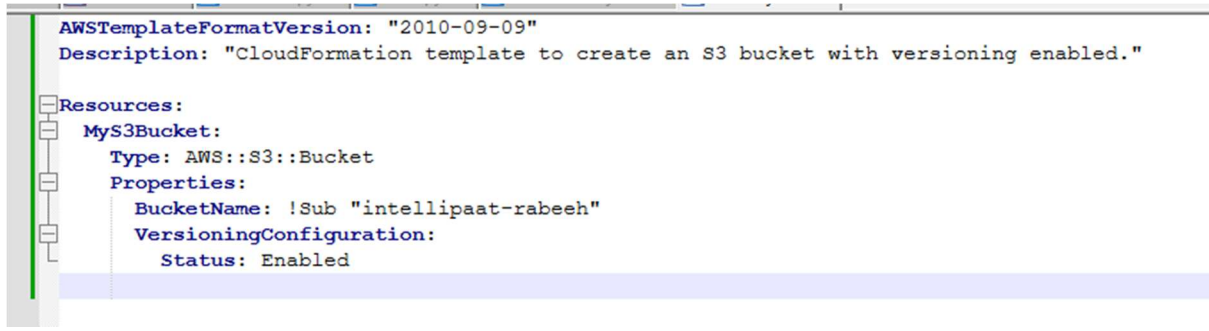


# Module 8: CloudFormation

## Assignment - 3



Step 1 **Create stack**  
Step 2 Specify stack details  
Step 3 Configure stack options  
Step 4 Review and create

### Create stack

**Prerequisite – Prepare template**  
You can also create a template by scanning your existing resources in the [IaC generator](#).

**Prepare template**  
Every stack is based on a template. A template is a JSON or YAML file that contains configuration information about the AWS resources you want to include in the stack.

☒ Choose an existing template  
Upload or choose an existing template.

☐ Build from Infrastructure Composer  
Create a template using a visual builder.

**Specify template** [info](#)  
This [GitHub repository](#) contains sample CloudFormation templates that can help you get started on new infrastructure projects. [Learn more](#)

**Template source**  
Selecting a template generates an Amazon S3 URL where it will be stored. A template is a JSON or YAML file that describes your stack's resources and properties.

☐ Amazon S3 URL  
Provide an Amazon S3 URL to your template.

☒ Upload a template file  
Upload your template directly to the console.

☐ Sync from Git  
Sync a template from your Git repository.

**Upload a template file**  
[Choose file](#)  
assin-3.yaml  
JSON or YAML, formatted file

S3 URL: <https://s3.us-east-1.amazonaws.com/cf-templates-1ktxcgv9kwc-eu-east-1/2025-02-02T091546.714Zufx-assin-3.yaml> [View in Infrastructure Composer](#)

[Cancel](#) [Next](#)

### Create subscription

**Details**

**Topic ARN**

**Protocol**  
[For more information, see the list of supported protocols to subscribe.](#)

**Endpoint**  
[For more information, see the list of supported protocols to subscribe.](#)

[After your subscription is created, you must confirm it.](#) [info](#)

**Subscription filter policy - optional** [info](#)  
This policy filters the messages that a subscriber receives.

**Redrive policy (dead-letter queue) - optional** [info](#)  
Send undeliverable messages to a dead-letter queue.

[Cancel](#) [Create subscription](#)

Subscription: f0349bc5-5fdc-44f1-ae6b-ff032d563be9

Subscription to assig-3 created successfully.  
The ARN of the subscription is am:aws:sns:us-east-1:851725170629:assig-3:f0349bc5-5fdc-44f1-ae6b-ff032d563be9.

Subscription: f0349bc5-5fdc-44f1-ae6b-ff032d563be9

Details

ARN  
am:aws:sns:us-east-1:851725170629:assig-3:f0349bc5-5fdc-44f1-ae6b-ff032d563be9

Endpoint  
rabeeht2.job@gmail.com

Topic  
assig-3

Subscription Principal  
arn:aws:iam::851725170629:root

Status  
Pending confirmation

Protocol  
EMAIL

Subscription filter policy

Redrive policy (dead-letter queue)

Subscription filter policy

No filter policy configured for this subscription.  
To apply a filter policy, edit this subscription.

Edit

Advanced options

You can set additional options for your stack, like notification options and a stack policy. [Learn more](#)

Stack policy during update

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

Rollback configuration - optional

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

Notification options

SNS topic ARN – optional

am:aws:sns:us-east-1:851725170629:assig-3

Add SNS topic

Create new SNS topic

Cancel

Previous

Next

Assi-3

Delete

Update

Stack actions

Create stack

Stack info

Events - updated

Resources

Outputs

Parameters

Template

Changesets

Git sync

Table view

Timeline view - new

Events (8)

View root cause

Search events

Timestamp	Logical ID	Status	Detailed status	Status reason
2025-02-02 14:51:18 UTC+0530	Assi-3	UPDATE_COMPLETE	-	-
2025-02-02 14:51:17 UTC+0530	Assi-3	UPDATE_COMPLETE_CLEANUP_IN_PROGRESS	-	-
2025-02-02 14:51:15 UTC+0530	Assi-3	UPDATE_IN_PROGRESS	-	User Initiated
2025-02-02 14:47:00 UTC+0530	Assi-3	CREATE_COMPLETE	-	-
2025-02-02 14:46:59 UTC+0530	MyS3Bucket	CREATE_COMPLETE	-	-
2025-02-02 14:46:47 UTC+0530	MyS3Bucket	CREATE_IN_PROGRESS	-	Resource creation Initiated
2025-02-02 14:46:45 UTC+0530	MyS3Bucket	CREATE_IN_PROGRESS	-	-
2025-02-02 14:46:43 UTC+0530	Assi-3	CREATE_IN_PROGRESS	-	User Initiated

## AWS Notification - Subscription Confirmation Inbox x



**AWS Notifications** <no-reply@sns.amazonaws.com>  
to me ▾

2:50 PM (6 minutes ago) ☆ 😊 ↶ ⋮

You have chosen to subscribe to the topic:  
**arn:aws:sns:us-east-1:851725170629:assig-3**

To confirm this subscription, click or visit the link below (If this was in error no action is necessary):

[Confirm subscription](#)

Please do not reply directly to this email. If you wish to remove yourself from receiving all future SNS subscription confirmation requests please send an email to [sns-opt-out](#)

↶ Reply   ↷ Forward   😊

---

## AWS CloudFormation Notification Inbox x



**AWS Notifications** <no-reply@sns.amazonaws.com>  
to me ▾

2:57 PM (5 minutes ago) ☆ 😊 ↶ ⋮

StackId='arn:aws:cloudformation:us-east-1:851725170629:stack/Assi-3/6b2c2430-e146-11ef-b3cb-0e790c696c25'  
Timestamp='2025-02-02T09:27:02.757Z'  
EventId='dc5d89e0-e147-11ef-92b3-0affe87575'  
LogicalResourceId='Assi-3'  
Namespace='851725170629'  
PhysicalResourceId='arn:aws:cloudformation:us-east-1:851725170629:stack/Assi-3/6b2c2430-e146-11ef-b3cb-0e790c696c25'  
PrincipalId='851725170629'  
ResourceProperties='null'  
ResourceStatus='DELETE\_IN\_PROGRESS'  
ResourceStatusReason='User Initiated'  
DetailedStatus=''  
ResourceType='AWS::CloudFormation::Stack'  
StackName='Assi-3'  
ClientRequestToken='Console-DeleteStack-e3dd8ff5-1c6a-a96c-96a7-0644acd616fb'

--


If you wish to stop receiving notifications from this topic, please click or visit the link below to unsubscribe:  
<https://sns.us-east-1.amazonaws.com/unsubscribe.html?SubscriptionArn=arn:aws:sns:us-east-1:851725170629:assig-3:f0349bc5-5fdc-44f1-ae6b-ff032d563be9&Endpoint=rabeeht2.job@gmail.com>

Please do not reply directly to this email. If you have any questions or comments regarding this email, please contact us at <https://aws.amazon.com/support>

---


AWS CloudFormation Notification Inbox x



- 


AWS Notifications

StackId='arn:aws:cloudformation:us-east-1:851725170629:stack/Assi-3/6b2c2430-e146-11ef-b3cb-0e790c696c25' Timestamp='2...

2:57 PM (6 minutes ago) ☆
- 


AWS Notifications

Timestamp='2025-02-02T09:27:04.839Z' EventId='MyS3Bucket-DELETE\_IN\_PROGRESS-2025-02-02T09:27:04.839Z' LogicalR...

2:57 PM (6 minutes ago) ☆
- 


AWS Notifications

Timestamp='2025-02-02T09:27:05.991Z' EventId='MyS3Bucket-DELETE\_FAILED-2025-02-02T09:27:05.991Z' ResourceStatus=...

2:57 PM (6 minutes ago) ☆
- 


AWS Notifications

Timestamp='2025-02-02T09:27:06.243Z' EventId='de6f2bd0-e147-11ef-ba09-0afffb57140d' ResourceStatus='DELETE\_FAILED' ...

2:57 PM (6 minutes ago) ☆
- 


AWS Notifications

StackId='arn:aws:cloudformation:us-east-1:851725170629:stack/Assin-3/f46e4650-e147-11ef-87ed-0affec62dced' Timestamp='2...

2:57 PM (5 minutes ago) ☆
- 

AWS Notifications

Timestamp='2025-02-02T09:27:45.290Z' EventId='MyS3Bucket-CREATE\_IN\_PROGRESS-2025-02-02T09:27:45.290Z' LogicalR...

2:57 PM (5 minutes ago) ☆
- 

AWS Notifications

Timestamp='2025-02-02T09:27:45.903Z' EventId='MyS3Bucket-CREATE\_FAILED-2025-02-02T09:27:45.903Z' ResourceStatus=...

2:57 PM (5 minutes ago) ☆