

LAB:

1. Launch CloudFormation Stack

us-east-1.console.aws.amazon.com/cloudformation/home?region=us-east-1#/stacks/create/template

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CloudFormation > Stacks > Create stack

Step 1
Specify template

Step 2
Specify stack details

Step 3
Configure stack options

Step 4
Review

Create stack

Prerequisite - Prepare template

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.

☒ Template is ready ☐ Use a sample template ☐ Create template in Designer

Specify template
A template is a JSON or YAML file that describes your stack's resources and properties.

Template source
Selecting a template generates an Amazon S3 URL where it will be stored.

☐ Amazon S3 URL ☒ Upload a template file

Upload a template file
Choose file
JSON or YAML formatted file

S3 URL: <https://s3-external-1.amazonaws.com/cf-templates-mqyoifwzumc7-us-east-1/2022187uPR-test.yaml> [View in Designer](#)

Cancel [Next](#)

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us-east-1.console.aws.amazon.com/cloudformation/home?region=us-east-1#/stacks/create/parameters

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Step 2
Specify stack details

Stack name

my-stack

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.

HashKeyElementName

Hash Key Name

InventoryId

HashKeyElementType

Hash Key Type

S

Cancel Previous Next

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us-east-1.console.aws.amazon.com/cloudformation/home?region=us-east-1#/stacks/events?stackId=arn%3Aaws%3Acloudformation%3Aus-east-1%3Astack%3Acloud_user%3A0680-2199-6590%3Amy-stack

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CloudFormation > Stacks > my-stack

Stacks (2)

Filter by stack name

Active View nested

my-stack

2022-07-06 14:28:14 UTC+0530

CREATE_IN_PROGRESS

cfst-3427-fe73ed2cbd3ae299eb241dcb22a4416d

2022-07-06 14:17:48 UTC+0530

CREATE_COMPLETE

my-stack

Delete Update Stack actions Create stack

Stack info Events Resources Outputs Parameters Template Change sets

Events (1)

Search events

Timestamp	Logical ID	Status	Status reason
2022-07-06 14:28:14 UTC+0530	my-stack	CREATE_IN_PROGRESS	User Initiated

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2. Check table in dynamoDB

us-east-1.console.aws.amazon.com/dynamodbv2/home?region=us-east-1#tables

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DynamoDB

Dashboard

Tables

Update settings

Explore items

PartiQL editor New

Backups

Exports to S3

Reserved capacity

Settings New

DynamoDB > Tables

Tables (1) Info

Find tables by table name

Any table tag

Create table

Name	Status	Partition key	Sort key	Indexes	Read capacity mode	Write capacity mode
Inventory	Active	InventoryId (S)	-	0	Provisioned (5)	Provisioned (5)

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us-east-1.console.aws.amazon.com/dynamodbv2/home?region=us-east-1#table?initialTagKey=&name=Inventory&tab=overview

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DynamoDB

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PartiQL editor [New](#)

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Reserved capacity

Settings [New](#)

▼ DAX

Clusters

Subnet groups

Parameter groups

Events

DynamoDB > Tables > Inventory

Tables (1)

×

Any table tag

▼

🔍 Find tables by table name

< 1 >

⚙️

🔵 Inventory

Inventory

🔄

Actions ▼

Explore table items

< Overview Indexes Monitor Global tables Back >

General information

Partition key

InventoryId (String)

Sort key

-

Capacity mode

Provisioned

Table status

🟢 Active

🟢 No active alarms

▶ Additional info

Feedback

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