

Deployment Instructions

1. Login to AWS as Admin user.
2. Goto the CloudFormation service and select “Create Stack”.

Create a CloudFormation stack

Use your own template or a sample template to quickly get started.

Create stack

3. Follow the instructions on the screen

The screenshot displays the AWS CloudFormation 'Create stack' wizard. The sidebar on the left indicates the current step is 'Step 1: Specify template'. The main content area is titled 'Create stack' and contains the following sections:

- Prerequisite - Prepare template**: This section explains that every stack is based on a template (JSON or YAML) and provides three options: 'Template is ready' (selected), 'Use a sample template', and 'Create template in Designer'.
- Specify template**: This section explains that a template is a JSON or YAML file describing the stack's resources and properties. It includes a 'Template source' section with two options: 'Amazon S3 URL' and 'Upload a template file' (selected). Below this, the 'Upload a template file' section shows a 'Choose file' button and 'No file chosen' text, with a note that the file must be JSON or YAML formatted. At the bottom, there is a 'View in Designer' button.

Select “Upload a template file” and choose our template file . Then click next.

4. Provide all the parameter inputs according to your needs.

Stack name

Stack name

Enter a stack name

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

Provide stack name

Parameters

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

Application Configurations

Application Name

My PHP Application

Hosted Domain Name

Type in hosted domain name (for example :- example.com)

pw22hbp02.tk

SSL/TLS Certificate ARN

ARN of SSL/TLS Certificate

arn:aws:acm:us-west-1:066724418324:certificate/9992b84f-138c-49a6-88ae-8535f6d27426

Admin Email

E-Mail address for SNS Notification/Admin login

admin@notify.me

Mention your email id and the hosted domain name is our default CRUD application.

Frontend Configurations

List Valid Paths

Specify Comma-delimited list of paths to route requests to (for example: /hello.html,/hellodir/*

Configured Image ID

Specify Image ID

EC2 Instance Type

EC2 Instance Type

EC2 AutoScaling Desired Capacity

EC2 instances count (Minimum 2 for High Availability).

EC2 AutoScaling Minimum Capacity

EC2 instances count (2 is recommended for High Availability).

EC2 AutoScaling Maximum Capacity

EC2 instances maximum count

Scale in when CPU Usage >=

Scale in when CPU Util. goes below

Scale out when CPU Usage <=

Scale out when CPU Util. goes above

AutoScaling Period

Auto-Scaling Period in seconds (300 is recommended)

EC2 Health Check Port

Health Check path e.g. for http://domain.com/ use '/' for http://domain.com/home use '/home/'

EC2 Health Check Port

ELB Listening and Health Check Port (0-65535)

Configure the frontend according to your needs or you can leave it at default for our application.

Backend Configurations - 1

Path Patterns List

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RDS Configurations

Database RDS Instance Class
The Database Instance Type

db.t2.micro ▼

Database Storage
The size of the Database Storage (GB), >= 100GB is recommended

25

RDS Deletion Policy
What happens after deleting the stack? Snapshot is recommended

Snapshot ▼

Database name
MySQL Database name

mybb

Database user
MySQL Username

root

Database password
MySQL Password

Configure the RDS database according to your needs.

5. Hit Next and confirm Role Creation for Cloudformation and hit the create button.
6. Wait till the status change to CREATE COMPLETED Then in the Output Tab you can find the link of our application.

Outputs (9) ↻				
<input type="text" value="Search outputs"/> ⚙				
Key ▲	Value ▼	Description ▼	Export name ▼	
AccessURL	https://www.pw22hbp02.tk	App URL	-	
AppEmail	kmsathvik@gmail.com	Admin Email	-	
ApplicationName	My PHP Application	Application Name	-	
DBEndpoint	wm17fu6i4vm5cot.coofyycb15jc.us-west-1.rds.amazonaws.com:3306	MySQL Endpoint	-	
DBName	mybb	MySQL Database name	-	
DBUser	root	MySQL Username	-	
RDSEngine	MySQL	RDS Engine	-	
RDSInstanceClass	db.t2.micro	RDS Instance Class	-	
Stack	LAMP	Stack	-	

