

Create a Stack using an AWS CloudFormation Template

Overview

This guide introduces you to AWS CloudFormation. In this lab you will use a pre-configured sample template that creates an Amazon EC2 instance and installs WordPress with a local MySQL database for storage on it.

Topics Covered

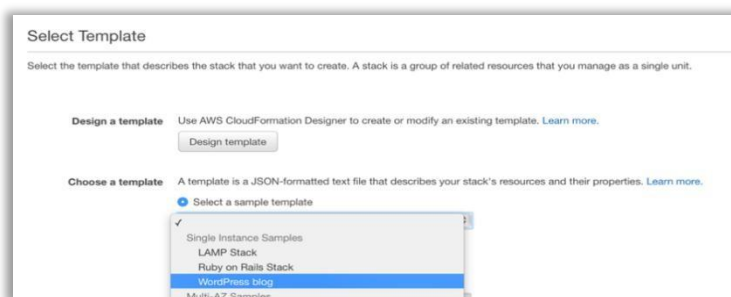
By end of this lab, you will be able to:

- Create a stack using an AWS CloudFormation template

- Monitor the progress of stack creation

- Use the stack resources

1. On AWS Management Console, click [CloudFormation](#) within [Management Tools](#).
2. Click the blue [Create Stack](#) button to start the Create Stack wizard.
3. From the drop-down menu, under "Select a sample template", select the [WordPress blog](#) template.



4. Click [Next](#).

On the Specify Details page:

5. Name your stack [WordPressStack](#).
6. Enter a [DBPassword](#).
7. Enter a [DBRootPassword](#).
8. Specify the [DBUser](#) username.
9. In the [KeyName](#) drop down, select the name of your Amazon EC2 key pair.
10. The rest of the parameters are automatically populated from the template. Click [Next](#) to continue.

AWS CloudFormation creates the resources that are specified in the template.

You are automatically taken to the AWS CloudFormation console, which shows a list of stacks. Your stack's status should be `CREATE_IN_PROGRESS`.

Filter:

Active

By Name:

Showing 1 stack

Stack Name	Created Time	Status	Description
<input checked="" type="checkbox"/> WordPressStack	2016-07-21 21:29:07 UTC+0550	CREATE_IN_PROGRESS	AWS CloudFormation Sample Template WordPress_Single_Instance: WordPress is web software you can use to create a beautiful website.

Monitoring Stack Creation

It is easy to see the progress of your stack being created.

The Events tab displays each major event in the creation of the stack sorted by the time of each event, with the latest events on top. You can see different events and their status, such as [CREATE_IN_PROGRESS](#) or [CREATE_COMPLETE](#).

After AWS CloudFormation successfully creates a stack, the status of the stack changes to [CREATE_COMPLETE](#).

Using the Stack

This sample template creates a WordPress website. To complete the WordPress installation:

11. On the [Outputs](#) tab, click the value for the Website URL.

12. Enter [Site Title](#), [Username](#), [Password](#) and [Your Email](#). Click [Install WordPress](#).

13. Post Installation, you will be directed to login page.

You will then have a WordPress dashboard appear in front of you where you can set additional options for your WordPress blog.

