Module 9 Assignment 2: Elastic BeanStalk

You have been asked to:

1. Create an Elastic Beanstalk environment with the runtime as PHP
2. Upload a simple PHP file to the environment once created

Q Bean|stalk

Search results for 'Bean'

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Services

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Elastic Beanstalk
Run and Manage Web Apps

Documentation (71)

Get started

Easily deploy your web application in minutes.

Create Application

Application code

⦿ Sample application
Get started right away with sample code.

Create application

Create a web app

Create a new application and environment with a sample application or your own code. By creating an environment, you allow Amazon Elastic Beanstalk to manage Amazon Web Services resources and permissions on your behalf. Learn more

Application information

Application name

m9a2_app

Up to 100 Unicode characters, not including forward slash (/).

Platform

Platform

PHP

Platform branch

PHP 8.0 running on 64bit Amazon Linux 2

Platform version

3.3.9 (Recommended)

1. Open AWS Console. Search for "Bean stalk". Open Elastic Beanstalk console
2. Select "Create Application"
3. Name the app
4. Select PHP as the platform
5. Select "sample application" as the application code
6. Click on "Create application"

M9a2app-env
M9a2app-env.eba-8p3pxpyg.us-east-1.elasticbeanstalk.com ↗ (e-zu57v6gnpz)
Application name: **m9a2_app**

Refresh   Actions ▼

Health	Running version	Platform
✅	Sample Application	php
Ok	Upload and deploy	PHP 8.0 running on 64bit
Causes		Amazon Linux 2/3.3.9
		Change

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Upload application

Choose file

File name : hello.php ✅

Version label

v1.0

▶ Deployment Preferences

The application version will be deployed using the **All at once** policy.

Current number of instances: **1**

Cancel   **Deploy**

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Recent events   Show all

‹ 1 ›

Time	Type	Details
2022-01-23 14:39:50 UTC+0530	INFO	Environment health has transitioned from Pending to Ok. Initialization completed 25 seconds ago and took 4 minutes.
2022-01-23 14:39:13 UTC+0530	INFO	Successfully launched environment: M9a2app-env
2022-01-23 14:39:12 UTC+0530	INFO	Application available at M9a2app-env.eba-8p3pxpyg.us-east-1.elasticbeanstalk.com.
2022-01-23 14:38:50 UTC+0530	INFO	Added instance [i-0251afb97ce1eec49] to your environment.
2022-01-23 14:38:41 UTC+0530	INFO	Instance deployment completed successfully.

```php
<?php
echo "Test code for module 9 assignment 2 by Hariharan Narayanan";
?>
```

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7. Wait until the app environment is fully created. Click on "Upload and deploy"
8. Prepare a new PHP source code file called hello.php
9. Upload hello.php and click "Deploy"