

# 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 Beanstalk

Search results for 'Bean'


Services (1)

Features (4)

Blogs (1,866)

Documentation (71)

**Services**

 **Elastic Beanstalk**  
Run and Manage Web Apps

## Get started

Easily deploy your web application in minutes.

Create Application

2

## Application code

5



Sample application

Get started right away with sample code.

Create application

6

## 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](#)

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### Application information

Application name

m9a2\_app

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

### Platform

Platform

PHP

4

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-8p3pxpyo.us-east-1.elasticbeanstalk.com](#) (e-zu57v6gnpz)

Application name: m9a2\_app

Health

Ok


Causes

Running version

Sample Application

Upload and deploy

Platform



PHP 8.0 running on 64bit Amazon Linux 2/3.3.9

Change

7

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-8p3pxpyo.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
echo "Test code for module 9 assignment 2 by Hariharan Narayanan";
?>
```

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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

- 9
7. Wait until the app environment is fully created. Click on “Upload and deploy”. Verify that app is loaded properly in the browser (see next slide for output)
  8. Prepare a new PHP source code file called hello.php
  9. Upload hello.php and click “Deploy”

# Congratulations!

Your AWS Elastic Beanstalk *PHP* application is now running on your own dedicated environment in the AWS Cloud

You are running PHP version 8.0.8

This environment is launched with Elastic Beanstalk PHP Platform

## What's Next?

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- [AWS Elastic Beanstalk overview](#)
- [Deploying AWS Elastic Beanstalk Applications in PHP Using Eb and Git](#)
- [Using Amazon RDS with PHP](#)
- [Customizing the Software on EC2 Instances](#)
- [Customizing Environment Resources](#)

## AWS SDK for PHP

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- [AWS SDK for PHP home](#)
- [PHP developer center](#)
- [AWS SDK for PHP on GitHub](#)