Module-9: Elastic Beanstalk Assignment - 2

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

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Elastic Beanstalk ✕

Environments
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Compute

Amazon Elastic Beanstalk
End-to-end web application management.

Amazon Elastic Beanstalk is an easy-to-use service for deploying and scaling web applications and services developed with Java, .NET, PHP, Node.js, Python, Ruby, Go, and Docker on familiar servers such as Apache, Nginx, Passenger, and IIS.

Get started

Easily deploy your web application in minutes.

Create Application

How it works

You simply upload your code and Elastic Beanstalk automatically handles the deployment, from capacity provisioning, load balancing, and automatic scaling to web application health monitoring, with ongoing fully managed patch and security updates. Learn more ⬚

Benefits and features

Easy to get started

Elastic Beanstalk is the simplest way to deploy and run your web application on Amazon Web Services. Elastic Beanstalk automatically handles the deployment details of capacity provisioning, load balancing, automatic

Complete resource control

You have the freedom to select the Amazon Web Services resources, such as Amazon EC2 instance types, that are optimal for your web application. Additionally, Elastic Beanstalk lets you manage and retain full control over the

Pricing

There's no additional charge for Elastic Beanstalk. You pay for Amazon Web Services resources that we create to store and run your web application, like Amazon S3 buckets and Amazon EC2 instances.

Getting Started ⬚

Launch a web application

More resources ⬚

Elastic Beanstalk   ✕

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Create a web app

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

Application information

Application name

VaibhavPHPapplication

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

Application tags

Apply up to 50 tags. You can use tags to group and filter your resources. A tag is a key-value pair. The key must be unique within the resource and is case-sensitive. Learn more ↗

Key	Value	
		Remove tag

Add tag

50 remaining

Platform

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Key

Value

Remove tag

Add tag

50 remaining

Platform

Platform

PHP ▼

Platform branch

PHP 8.1 running on 64bit Amazon Linux 2 ▼

Platform version

3.5.1 (Recommended) ▼

Application code

◉ Sample application
Get started right away with sample code.

◯ Upload your code
Upload a source bundle from your computer or copy one from Amazon S3.

Cancel   Configure more options   **Create application**

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Elastic Beanstalk ✕

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Change history

▼ VaibhavPHPapplication

  Application versions

  Saved configurations

▼ Vaibhavphpapplication-env

  Go to environment ⧉

  Configuration

  Logs

  Health

  Monitoring

  Alarms

  Managed updates

  Events

  Tags

Elastic Beanstalk > Environments > Vaibhavphpapplication-env

Vaibhavphpapplication-env

Vaibhavphpapplication-env.eba-prpavain.us-east-1.elasticbeanstalk.com ⧉ (e-pjdmc8m73f)
Application name: VaibhavPHPapplication

⟳ Refresh · Actions ▾

Health

✓

Ok

Causes

Running version

Sample Application

[Upload and deploy]

Platform

php

PHP 8.1 running on 64bit
Amazon Linux 2/3.5.1

Change

Recent events

[Show all]

‹ 1 ›

Time	Type	Details
2022-11-20 16:17:04 UTC+0530	INFO	Environment health has transitioned from Pending to Ok. Initialization completed 26 seconds ago and took 3 minutes.
2022-11-20 16:16:14 UTC+0530	INFO	Successfully launched environment: Vaibhavphpapplication-env
2022-11-20 16:16:14 UTC+0530	INFO	Application available at Vaibhavphpapplication-env.eba-prpavain.us-east-1.elasticbeanstalk.com.
2022-11-20 16:16:04 UTC+0530	INFO	Added instance [i-034f8e61154e98bd6] to your environment.
2022-11-20 16:15:58 UTC+0530	INFO	Instance deployment completed successfully.

vaibhavphpapplication-env.eba-prpavain.us-east-1.elasticbeanstalk.com

Congratulations!

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

You are running PHP version 8.1.12

This environment is launched with Elastic Beanstalk PHP Platform

What's Next?

- 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

- AWS SDK for PHP home
- PHP developer center
- AWS SDK for PHP on GitHub

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Elastic Beanstalk › Environments › Vaibhavphpapplication-env

Vaibhavphpapplication-env

Vaibhavphpapplication-env.eba-prpavain.us-east-1.elasticbeanstalk.com 🔗 (e-pjdmc8m73f)
Application name: VaibhavPHPapplication

🔁 Refresh   Actions ▼

Health	Running version	Platform
✅	Sample Application	php
Ok	Upload and deploy	PHP 8.1 running on 64bit Amazon Linux 2/3.5.1
Causes		Change

Recent events

Show all

‹ 1 ›

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2022-11-20 16:16:04 UTC+0530	INFO	Added instance [i-084f8e61154e98bd6] to your environment.
2022-11-20 16:15:50 UTC+0530	INFO	Instance deployment completed successfully.

Upload and deploy   ✕

> ⓘ To deploy a previous version, go to the Application Versions page.

Upload application

⬆ Choose file

File name : **index.zip** ⊘

Version label

Sample Application-1

▶ **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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▼ **VaibhavPHPapplication**

    Application versions

    Saved configurations

▼ **Vaibhavphpapplication-env**

    Go to environment ⬈

    Configuration

    Logs

    Health

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    Alarms

    Managed updates

    Events

    Tags

Elastic Beanstalk > Environments > Vaibhavphpapplication-env

Vaibhavphpapplication-env

Vaibhavphpapplication-env.eba-prpavain.us-east-1.elasticbeanstalk.com ⬈ (e-pjdmc8m73f)

Application name: **VaibhavPHPapplication**

[⟳ Refresh]   [Actions ▾]

Health	Running version	Platform
✅	Sample Application	PHP
Ok	[Upload and deploy]	PHP 8.1 running on 64bit Amazon Linux 2/3.5.1
[Causes]		Change

Recent events

[Show all]

‹ 1 ›

Time	Type	Details
2022-11-20 16:39:03 UTC+0530	INFO	Environment health has transitioned from Info to Ok. Application update completed 11 seconds ago and took 77 seconds.
2022-11-20 16:38:08 UTC+0530	INFO	Environment update completed successfully.
2022-11-20 16:38:08 UTC+0530	INFO	New application version was deployed to running EC2 instances.
2022-11-20 16:37:33 UTC+0530	INFO	Instance deployment completed successfully.
2022-11-20 16:37:31 UTC+0530	INFO	Instance deployment: You didn't include a 'composer.json' file in your source bundle. The deployment didn't install Composer dependencies.

My first PHP page

Hello World!