

## Project 2 – Website Orchestration

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**Project:** Website Orchestration

**Industry:** Internet related

**Problem Statement:** How to orchestrate a website with lesser time and higher availability along with autoscaling.

**Topics:** In this AWS project, you have to deploy a high-availability PHP application with an external Amazon RDS database to Elastic Beanstalk. Running a DB instance external to Elastic Beanstalk decouples the database from the lifecycle of your environment. This lets you connect to the same database from multiple environments, swap one database for another, or perform a blue/green deployment without affecting your database.

### **Highlights:**

Launch a DB instance in Amazon RDS

Create an Elastic Beanstalk Environment

Configure Security Groups and Scaling

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YouTube | Start Course | IntelliJ | AWS-Elastic-Solution | aws-samples/eb-demo | aws-sns-samples/SNS | Project-2-Website-Optimization | RDS Management Console | + | - | X

us-east-1.console.aws.amazon.com/rds/home?region=us-east-1#

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## Amazon RDS

**Dashboard**

Databases  
Query Editor  
Performance insights  
Snapshots  
Exports in Amazon S3  
Automated backups  
Reserved instances  
Proxies

Subnet groups  
Parameter groups  
Option groups  
Custom engine versions

Events  
Event subscriptions

**Create database**

Try the new Amazon RDS Multi-AZ deployment option for MySQL and PostgreSQL

For your Amazon RDS for MySQL and PostgreSQL workloads, improve transactional commit latencies by 2x, experience faster failover typically less than 35 seconds and, get read scalability with two readable standby DB instances by deploying the Multi-AZ DB cluster [Learn more](#)

Or, Restore Multi-AZ DB Cluster from Snapshot

### Resources

Refresh

You are using the following Amazon RDS resources in the US East (N. Virginia) region (used/quota)

DB Instances (0/40)	Parameter groups (6)
Allocated storage (0 TB/100 TB)	Default (6)
Increase DB instances limit <a href="#">[?]</a>	Custom (0/100)
DB Clusters (0/40)	Option groups (5)
Reserved instances (0/40)	Default (5)
Snapshots (0)	Custom (0/20)
Manual	Subnet groups (1/50)
DB Cluster (0/100)	Supported platforms <a href="#">[?]</a> VPC
DB Instance (0/100)	Default network vpc-015a22f45304bc0a8
Automated	
DB Cluster (0)	
DB Instance (0)	

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### Recommended for you

**Amazon RDS Backup and Restore using AWS Backup**  
Learn how to backup and restore Amazon RDS databases using AWS Backup in just 10 minutes. [Learn more](#)

**Migrate SSRS to RDS for SQL Server**  
Learn how you can migrate existing SSRS content to an Amazon RDS for SQL Server instance using a PowerShell module. [Learn more](#)

**Time-Series Tables in PostgreSQL**  
Step-by-step guide to design high-performance time series data tables on Amazon RDS for PostgreSQL. [Learn more](#)

YouTube Start Course | IntelliJ AWS-Elastic-Solution aws-samples/eb-dem aws-sns-samples/SNS Project-2-Website-0 Create database - RD

us-east-1.console.aws.amazon.com/rds/home?region=us-east-1#launch-dbinstance:gdb=false;isHermesCreate=true;s3-import=false

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Choose a database creation method [Info](#)

Standard create You set all of the configuration options, including ones for availability, security, backups, and maintenance.

Easy create Use recommended best-practice configurations. Some configuration options can be changed after the database is created.

**Engine options**

Engine type [Info](#)

Aurora (MySQL Compatible) 

Aurora (PostgreSQL Compatible) 

MySQL 

MariaDB 

PostgreSQL 

Oracle 

Microsoft SQL Server

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us-east-1.console.aws.amazon.com/rds/home?region=us-east-1#databases:

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**Amazon RDS**

- Dashboard
- Databases**
- Query Editor
- Performance insights
- Snapshots
- Exports in Amazon S3
- Automated backups
- Reserved instances
- Proxies

Subnet groups

Parameter groups

Option groups

Custom engine versions

Events

Event subscriptions

**Creating database mysqlDb**

Your database might take a few minutes to launch.

You can use settings from mysqlDb to simplify configuration of suggested database add-ons while we finish creating your DB for you.

How was your experience creating an Amazon RDS database? [Provide feedback](#)

**RDS > Databases**

**Consider creating a Blue/Green Deployment to minimize downtime during upgrades**

You may want to consider using Amazon RDS Blue/Green Deployments and minimize your downtime during upgrades. A Blue/Green Deployment provides a staging environment for changes to production databases. [RDS User Guide](#) [Aurora User Guide](#)

**Databases**

Group resources C Modify Actions ▾ Restore from S3 Create database

DB identifier	Role	Engine	Region & AZ	Size	Status	Actions
mysqlDb	Instance	MySQL Community	us-east-1a	db.t3.micro	Creating	-

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us-east-1.console.aws.amazon.com/rds/home?region=us-east-1#databases:

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**Amazon RDS** X

Successfully created database mysqlDb

You can use settings from mysqlDb to simplify configuration of [suggested database add-ons](#) while we finish creating your DB for you.

How was your experience creating an Amazon RDS database? [Provide feedback](#)

RDS > Databases

Consider creating a Blue/Green Deployment to minimize downtime during upgrades

You may want to consider using Amazon RDS Blue/Green Deployments and minimize your downtime during upgrades. A Blue/Green Deployment provides a staging environment for changes to production databases. [RDS User Guide](#) [Aurora User Guide](#)

**Databases**

Group resources C Modify Actions ▾ Restore from S3 Create database

Filter by databases

DB identifier	Role	Engine	Region & AZ	Size	Status	Actions
mysqlDb	Instance	MySQL Community	us-east-1a	db.t3.micro	Available	-

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Screenshot of the AWS RDS console showing the details of a MySQL database named 'mysqldb'. The instance is 'Available' and uses the 'MySQL Community' engine. It is located in the 'us-east-1a' region.

The 'Connectivity & security' tab is selected, displaying the following configuration:

Endpoint & port	Networking	Security
Endpoint mysqldb.ccjy3khgng1.us-east-1.rds.amazonaws.com	Availability Zone us-east-1a	VPC security groups default (sg-03dd5f733552006e1) Active
Port 3306	VPC Default-VPC-Don't Delete (vpc-015a22f45304bc0a8)	Publicly accessible No
	Subnet group default-vpc-015a22f45304bc0a8	Certificate authority <a href="#">Info</a> rds-ca-2019
	Subnets subnet-01e7e68e8c4a63deb subnet-0b8f973bf13c9292a subnet-093995f6ab2f6h3c6	Certificate authority date August 22, 2024, 22:38 (UTC+05:30)
		DB instance certificate expiration date

A red circle highlights the 'VPC security groups' section under the 'Security' column.

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us-east-1.console.aws.amazon.com/ec2/v2/home?region=us-east-1#SecurityGroups;search=sg-03dd5f733552006e1

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aws Services Search [Alt+S] Actions Export security groups to CSV Create security group

New EC2 Experience Learn more

EC2 Dashboard EC2 Global View Events Tags Limits

Instances Instances Instance Types Launch Templates Spot Requests Savings Plans Reserved Instances Dedicated Hosts Scheduled Instances Capacity Reservations

Images AMIs AMI Catalog

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Security Groups (1/1) Info Filter security groups search: sg-03dd5f733552006e1 Clear filters

Name	Security group ID	Security group name	VPC ID	Description	Owner
-	sg-03dd5f733552006e1	default	vpc-015a22f45304bc0a8	default VPC security gr...	295543071324

Inbound rules (1/1) Manage tags Edit inbound rules Filter security group rules

You can now check network connectivity with Reachability Analyzer Run Reachability Analyzer

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us-east-1.console.aws.amazon.com/ec2/v2/home?region=us-east-1#ModifyInboundSecurityGroupRules:securityGroupId=sg-03dd5f733552006e1

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AWS Services Search [Alt+S]

EC2 > Security Groups > sg-03dd5f733552006e1 - default > Edit inbound rules

## Edit inbound rules Info

Inbound rules control the incoming traffic that's allowed to reach the instance.

Security group rule ID	Type <small>Info</small>	Protocol <small>Info</small>	Port range <small>Info</small>	Source <small>Info</small>	Description - optional <small>Info</small>
sgr-02a9158326002f566	MySQL/Aurora	TCP	3306	Custom	<input type="text"/> sg-03dd5f733552006e1 <span>X</span>

Add rule

Cancel Preview changes Save rules

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us-east-1.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-1#/welcome

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Elastic Beanstalk X

The new Elastic Beanstalk console experience is now available  
We've redesigned the Elastic Beanstalk console to make it easier to use.

Environments Applications Change history

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

Pricing  
There's no additional charge for Elastic Beanstalk. You pay for Amazon Web Services resources that we create on your behalf to run your application.

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us-east-1.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-1#/gettingStarted

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**Elastic Beanstalk** Services Search [Alt+S]

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

name mywebapp Remove tag

Add tag 49 remaining

**Platform**

Platform PHP

Platform branch PHP 8.1 running on 64bit Amazon Linux 2

Platform version 3.5.6 (Recommended)

**Application code**

Sample application

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**Elastic Beanstalk** X

The new Elastic Beanstalk console experience is now available  
We've redesigned the Elastic Beanstalk console to make it easier to use.

Try the new console X

Environments Applications Change history

▼ mywebapp Application versions Saved configurations

▶ Mywebapp-env

**Creating Mywebapp-env**  
This will take a few minutes. ...

5:03pm Using elasticbeanstalk-us-east-1-295543071324 as Amazon S3 storage bucket for environment data.  
5:03pm createEnvironment is starting.

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The screenshot shows the AWS Elastic Beanstalk console interface for a web application named "Mywebapp-env".

**Header:** The browser address bar shows the URL: `us-east-1.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-1#/environment/dashboard?applicationName=mywebapp&environmentId=e-lux73d7b7k`. The page title is "Mywebapp-env". The AWS logo is in the top left corner.

**Left Sidebar:**

- Environments:** Shows "mywebapp" and "Mywebapp-env".
- Applications:** Shows "Application versions" and "Saved configurations".
- Mywebapp-env:** Shows "Go to environment", "Configuration", "Logs", "Health", "Monitoring", "Alarms", "Managed updates", "Events", and "Tags".

**Top Banner:** A blue banner at the top says "The new Elastic Beanstalk console experience is now available. We've redesigned the Elastic Beanstalk console to make it easier to use." with a "Try the new console" button.

**Main Content:**

- Health:** Shows a green circle with a checkmark, labeled "Ok". A "Causes" button is below it.
- Running version:** Shows "Sample Application" and a "Upload and deploy" button.
- Platform:** Shows "PHP 8.1 running on 64bit Amazon Linux 2/3.5.6" with a "Change" button.
- Recent events:** A table with columns "Time", "Type", and "Details". A "Show all" button is at the top right.

**Bottom Navigation:** Includes "CloudShell", "Feedback", "Language", a search bar, and various AWS service icons (S3, Lambda, CloudWatch, etc.). The footer displays copyright information: "© 2023, Amazon Web Services India Private Limited or its affiliates.", "Privacy", "Terms", and "Cookie preferences". It also shows the date: "24-04-2023", the time: "17:05", and the weather: "33°C Partly sunny".

Screenshot of the AWS Elastic Beanstalk Configuration page for environment "Mywebapp-env".

The left sidebar shows the navigation menu under "Configuration". The "Instances" section is highlighted with a red circle around the "Edit" button.

Category	Options	Actions
Software	Allow URL fopen: On Display errors: Off Document root: -- Log streaming: disabled Max execution time (seconds): 60 Memory limit: 256M Proxy server: nginx Rotate logs: disabled X-Ray daemon: disabled Zlib output compression: Off	<button>Edit</button>
Instances	EC2 security groups: awseb-e-iux73d7b7k-stack-AWSEBSecurityGroup-QTKAGV67ILCX IMDSv1: disabled IOPS: container default Monitoring interval: 5 minute Root volume type: container default Size: container default Throughput: container default	<button>Edit</button>
Capacity	AMI ID: ami-0ea5699bb9eb896c9 Capacity rebalancing: disabled Environment type: single instance Instance types: t3.micro,t3.small Scaling cooldown: 360 seconds Time-based Scaling:	<button>Edit</button>
Load balancer	<i>This configuration does not contain a load balancer.</i>	

The bottom of the screen shows the Windows taskbar with various pinned icons and the system tray showing weather, battery, and network status.

YouTube | Start Course | AWS-Elastic- | aws-samples/ | aws-sns-samp... | Project-2-Wel... | Databases - R... | Mywebapp-env | EC2 Manager | +

us-east-1.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-1#environment/configuration?applicationName=mywebapp&environmentId=e-iux73d7b7k

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**Elastic Beanstalk**

Environments Applications Change history

mywebapp Application versions Saved configurations

Mywebapp-env Go to environment Configuration Logs Health Monitoring Alarms Managed updates Events Tags

Disable IMDSv1 With the current setting, the environment enables only IMDSv2.

Disabled

**EC2 security groups**

Group name	Group ID	Name
AutoScaling-Security-Group-1	sg-0212acf2370dfc6f	-
FsxSG	sg-0b7c50cc0e02831e8	-
MyEfsSG	sg-09842c423e83e1a62	-
Mywebserver	sg-092faed41bc6ddd2a	-
altrafic	sg-046fb52507b294a09	-
<input checked="" type="checkbox"/> awseb-e-iux73d7b7k-stack-AWSEBSecurityGroup-QTKAGV67ILCX	sg-08eff66bae79b0e7b	Mywebapp-env
<input checked="" type="checkbox"/> default	sg-03dd5f733552006e1	-
<input type="checkbox"/> mysg	sg-0f2cdbd064b34e2f1	-

Cancel Continue Apply

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us-east-1.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-1#/environment/dashboard?applicationName=mywebapp&environmentId=e-iux73d7b7k

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Elastic Beanstalk

The new Elastic Beanstalk console experience is now available  
We've redesigned the Elastic Beanstalk console to make it easier to use.

Elastic Beanstalk > Environments > Mywebapp-env

Elastic Beanstalk is updating your environment.  
To cancel this operation select Abort Current Operation from the Actions dropdown.  
[View Events](#)

Mywebapp-env

Mywebapp-env.eba-a4mhxbqm.us-east-1.elasticbeanstalk.com (e-iux73d7b7k)  
Application name: mywebapp

Health: Ok

Running version: Sample Application

Platform: PHP 8.1 running on 64bit Amazon Linux 2/3.5.6

Upload and deploy

Causes

Change

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## Elastic Beanstalk

The new Elastic Beanstalk console experience is now available  
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Elastic Beanstalk > Environments > Mywebapp-env

### Mywebapp-env

Mywebapp-env.eba-a4mhxbqm.us-east-1.elasticbeanstalk.com (e-iux73d7b7k) Application name: mywebapp

Health	Running version	Platform
Ok	Sample Application	PHP 8.1 running on 64bit Amazon Linux 2/3.5.6
	<a href="#">Upload and deploy</a>	<a href="#">Change</a>

Recent events

Time	Type	Details

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The new Elastic Beanstalk console experience is now available.  
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Elastic Beanstalk > Environments > Mywebapp-env > Configuration

Configurations

Cancel Review changes Apply all changes

Table View

Search for an option name or value

Category	Options	Actions
Software	Allow URL fopen: On	
	Display errors: Off	
	Document root: --	
	Log streaming: disabled	
	Max execution time (seconds): 60	
	Memory limit: 256M	
	Proxy server: nginx	Edit
	Rotate logs: disabled	
	X-Ray daemon: disabled	
	Zlib output compression: Off	
EC2 security groups: awseb-e-iux73d7b7k-stack-AWSEBSecurityGroup-QTKAGV67ILCX, default		
IMDSv1: disabled		
IOPS: container default		

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us-east-1.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-1#environment/configuration?applicationName=mywebapp&environmentId=e-iux73d7b7k

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**Elastic Beanstalk**

Environments Applications Change history

mywebapp Application versions Saved configurations

Mywebapp-env Go to environment Configuration Logs Health Monitoring Alarms Managed updates Events Tags

**Environment properties**

The following properties are passed in the application as environment properties. [Learn more](#)

Name	Value
RDS_DB_NAME	ebdb
RDS_HOSTNAME	mysql5.ccjy5khgng1.us-east-1.rds.amazonaws.com
RDS_PORT	3306
RDS_USERNAME	admin
RDS_PASSWORD	admin123

Cancel Continue Apply

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us-east-1.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-1#/environment/dashboard?applicationName=mywebapp&environmentId=e-iux73d7b7k

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Elastic Beanstalk

The new Elastic Beanstalk console experience is now available  
We've redesigned the Elastic Beanstalk console to make it easier to use.

Elastic Beanstalk > Environments > Mywebapp-env

Try the new console

Environments Applications Change history

mywebapp Application versions Saved configurations

Mywebapp-env

Go to environment Configuration Logs Health Monitoring Alarms Managed updates Events Tags

Mywebapp-env.eba-a4mhxbqm.us-east-1.elasticbeanstalk.com (e-iux73d7b7k)  
Application name: mywebapp

Health Running version Platform

Sample Application Upload and deploy PHP

PHP 8.1 running on 64bit Amazon Linux 2/3.5.6 Change

Recent events Show all

Time Type Details

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us-east-1.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-1#/environment/configuration?applicationName=mywebapp&environmentId=e-iux73d7b7k

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Elastic Beanstalk X

Environments Applications Change history

mywebapp Application versions Saved configurations

Mywebapp-env Go to environment Configuration Logs Health Monitoring Alarms Managed updates Events Tags

Category Options Actions

Software Allow URL open: On  
Display errors: Off  
Document root: --  
Environment properties: RDS\_DB\_NAME, RDS\_HOSTNAME, RDS\_PASSWORD, RDS\_PORT, RDS\_USERNAME  
Log streaming: disabled  
Max execution time (seconds): 60  
Memory limit: 256M  
Proxy server: nginx  
Rotate logs: disabled  
X-Ray daemon: disabled  
Zlib output compression: Off

Instances EC2 security groups: awseb-e-iux73d7b7k-stack-AWSEBSecurityGroup-QTKAGV67LCX, default  
IMDSv1: disabled  
IOPS: container default  
Monitoring interval: 5 minute  
Root volume type: container default  
Size: container default  
Throughput: container default

Capacity AMI ID: ami-0ea5699bb9eb896c9  
Capacity rebalancing: disabled  
Environment type: single instance  
Instance types: t3.micro,t3.small  
Scaling cooldown: 360 seconds  
Time-based Scaling:

Load balancer This configuration does not contain a load balancer.

Rolling updates and deployments Command timeout: 600  
Deployment policy: All at once  
Healthy threshold: Ok

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us-east-1.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-1#environment/configuration?applicationName=mywebapp&environmentId=e-iux73d7b7k

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**Elastic Beanstalk** Services Search [Alt+S]

The new Elastic Beanstalk console experience is now available  
We've redesigned the Elastic Beanstalk console to make it easier to use.

Elastic Beanstalk > Environments > Mywebapp-env > Configuration

## Modify capacity

Configure the compute capacity of your environment and auto scaling settings to optimize the number of instances used.

**Auto scaling group**

Environment type: Load balanced

Instances:

- Min: 2 ✓
- Max: 4

Fleet composition:

Choose a mix of On-Demand and Spot Instances with multiple instance types. Spot Instances are automatically launched at the lowest available price. [Learn more](#)

- On-Demand instances
- Combine purchase options and instances

Maximum spot price

The maximum price per instance-hour, in USD, that you're willing to pay for a Spot Instance. Setting a custom price limits your chances to fulfill your target capacity using Spot instances.

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Type here to search

33°C Partly sunny 17:25 ENG 24-04-2023

A screenshot of a Windows desktop environment. At the top, a browser window is open to the URL [mywebapp-env.eba-a4mhxbqm.us-east-1.elasticbeanstalk.com](https://mywebapp-env.eba-a4mhxbqm.us-east-1.elasticbeanstalk.com). The page displays a large "Congratulations!" message and information about the running PHP version. To the right of the browser, there's a sidebar titled "What's Next?" and another titled "AWS SDK for PHP", both listing related links. The taskbar at the bottom shows several pinned icons, including File Explorer, Edge, Mail, and Google Chrome. The system tray shows the date (24-04-2023), time (17:46), battery level (33°C), and network status.

YouTube | Start Cours... | AWS-Elasti... | aws-sample... | aws-sns-sai... | Project-2-V... | Databases | Mywebapp | PHP Appli... | Instances | +

Not secure | mywebapp-env.eba-a4mhxbqm.us-east-1.elasticbeanstalk.com

Gmail YouTube Maps Sample Avro File How to create a Da... google cloud stor... Read AVRO messag... Quickstart: stream... Handling Avro files... python - Adding a... Adding timestamp...

# Congratulations!

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

You are running PHP version 8.1.17

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](#)

Type here to search

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YouTube | Start Course | AWS-Elastic-S | aws-samples | aws-sns-samp | Project-2-We | Database Del | Mywebapp-e | Instances | EC | +

us-east-1.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-1#environment/dashboard?applicationName=mywebapp&environmentId=e-iux73d7b7k

Gmail YouTube Maps Sample Avro File How to create a Da... google cloud stor... Read AVRO messag... Quickstart: stream... Handling Avro files... python - Adding a... Adding timestamp...

AWS Services Search [Alt+S] Try the new console X

## Elastic Beanstalk

The new Elastic Beanstalk console experience is now available  
We've redesigned the Elastic Beanstalk console to make it easier to use.

Elastic Beanstalk > Environments > Mywebapp-env

**Mywebapp-env**

Mywebapp-env.eba-a4mhxbqm.us-east-1.elasticbeanstalk.com (e-iux73d7b7k)  
Application name: mywebapp

Health Running version Platform

Ok Sample Application PHP 8.1 running on 64bit  
Causes Amazon Linux 2/3.5.6 Change

Upload and deploy

Recent events

Show all Time Type Details

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Type here to search Earnings upcoming ENG 17:30 24-04-2023

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YouTube | Start Course | AWS-Elastic-S | aws-samples/ | aws-sns-samp... | Project-2-Webs... | Database Det... | Mywebapp-env | Instances | EC... | +

us-east-1.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-1#/environment/dashboard?applicationName=mywebapp&environmentId=e-iux73d7b7k

Gmail YouTube Maps Sample Avro File How to create a Da... google cloud stor... Read AVRO messag... Quickstart: stream... Handling Avro files... python - Adding a... Adding timestamp...

Elastic Beanstalk X

The new Elastic Beanstalk console experience is now available. We've redesigned the Elastic Beanstalk console to make it easier to use.

Try the new console X

aws Services Search [All (+5)]

Elastic Beanstalk X

Environments

Applications

Change history

mywebapp Application versions Saved configurations

Mywebapp-env Go to environment Configuration Logs Health Monitoring Alarms Managed updates Events Tags

Elastic Beanstalk

Upload and deploy X

To deploy a previous version, go to the [Application Versions page](#).

Upload application Choose file

File name : eb-demo-php-simple-app-v1... ✓

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

Platform PHP 8.1 running on 64bit. Amazon Linux 2/3.5.6 Change

Show all < 1 >

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Type here to search Earnings upcoming 17:31 24-04-2023

The screenshot shows the AWS Elastic Beanstalk console for the 'Mywebapp-env' environment. The left sidebar lists environments, applications, and change history. Under 'Mywebapp-env', options like Go to environment, Configuration, Logs, Health, Monitoring, Alarms, Managed updates, Events, and Tags are available. The main content area displays the 'Mywebapp-env' details. It includes the URL [Mywebapp-env.eba-a4mhxbqm.us-east-1.elasticbeanstalk.com](https://Mywebapp-env.eba-a4mhxbqm.us-east-1.elasticbeanstalk.com), the application name 'mywebapp', and a 'Health' section showing a red exclamation mark icon and the word 'Degraded'. Below this is a 'Recent events' table with one entry:

Time	Type	Details
2023-04-24 17:46:51 UTC+0530	ERROR	During an aborted deployment, some instances may have deployed the new application version. To ensure all instances are running the same version, re-deploy the appropriate application version.

The bottom of the screen shows the Windows taskbar with various pinned icons and the system tray indicating the date as 24-04-2023 and time as 17:50.

Note: I tried 3-4 times with the given code, But still it's giving the same result as degraded. I didn't get what's the problem is, please look into this and let me know.

YouTube | Start Course | AWS-Elasti... | aws-sample | aws-sns-sai | Project-2-V... | Databases | mywebapp | PHP Applic... | Instances | + | - | X

us-east-1.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-1#/application/versions?applicationName=mywebapp

Gmail YouTube Maps Sample Avro File How to create a Da... google cloud stora... Read AVRO messag... Quickstart: stream... Handling Avro files... python - Adding a... Adding timestamp...

aaws Services Search [Alt+5] Try the new console X ⓘ

### Elastic Beanstalk

Environments Applications Change history

mywebapp Application versions Saved configurations

Recent environments Mywebapp-env

The new Elastic Beanstalk console experience is now available  
We've redesigned the Elastic Beanstalk console to make it easier to use.

Elastic Beanstalk > Applications > mywebapp > Application versions

#### Application versions

Actions	Settings	Upload	Refresh	
Version label	Description	Date created	Source	Deployed to
<input checked="" type="checkbox"/>	Sample Application-3	2023-04-24T17:46:01+05:30	20231149M-eb-demo-php-simple-app-v1.3.zip	-
<input checked="" type="checkbox"/>	Sample Application-2	2023-04-24T17:37:55+05:30	2023114LYE-eb-demo-php-simple-app-v1.3 (2).zip	-
<input checked="" type="checkbox"/>	Sample Application-1	2023-04-24T17:32:00+05:30	2023114WaF-eb-demo-php-simple-app-v1.3 (2).zip	-
<input type="checkbox"/>	Sample Application	2023-04-24T17:03:44+05:30	Sample Application	Mywebapp-env

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