

Application & Environment Setup:-

The image displays two screenshots of the AWS Elastic Beanstalk console, showing the configuration steps for a new environment.

Top Screenshot: Step 1: Configure environment

Environment information

Environment tier	Application name
Web server environment	getting-started-app-2

Environment name	Application code
Getting-started-app-2-env	Sample application

Platform
arn:aws:elasticbeanstalk:eu-north-1:platform/PHP 8.2
running on 64bit Amazon Linux 2023/4.0.5

Step 2: Configure service access

Service access [Info](#)
Configure the service role and EC2 instance profile that Elastic Beanstalk uses to manage your environment. Choose an EC2 key pair to securely log in to your EC2 instances.

Service role	EC2 instance profile
arn:aws:iam::533266962895:role/service-role/aws-elasticbeanstalk-service-role	test-2-role

Bottom Screenshot: Step 3: Set up networking, database, and tags

Service access [Info](#)
Configure the service role and EC2 instance profile that Elastic Beanstalk uses to manage your environment. Choose an EC2 key pair to securely log in to your EC2 instances.

Service role	EC2 instance profile
arn:aws:iam::533266962895:role/service-role/aws-elasticbeanstalk-service-role	test-2-role

Networking, database, and tags [Info](#)
Configure VPC settings, and subnets for your environment's EC2 instances and load balancer. Set up an Amazon RDS database that's integrated with your environment.

Network

VPC	Public IP address	Instance subnets
vpc-098281018803726be	false	subnet-027fdaa78b5a7bfa0

Tags

Key	Value
No tags	
There are no tags defined	

Configure environment - Instances | EC2 | eu-north-1

eu-north-1.console.aws.amazon.com/elasticbeanstalk/home

Services Search [Alt+S]

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Step 4: Configure instance traffic and scaling

Edit

Instance traffic and scaling

Customize the capacity and scaling for your environment's instances. Select security groups to control instance traffic. Configure the software that runs on your environment's instances by setting platform-specific options.

Instances

IMDSv1	EC2 Security Groups
Deactivated	sg-0c7f751e6956ae01a

Capacity

Environment type	Fleet composition	On-demand base
Single instance	On-Demand instance	0
On-demand above base	Capacity rebalancing	Scaling cooldown
0	Deactivated	360
Processor type	Instance types	AMI ID
x86_64	t3.micro,t3.small	ami-0fd2e1ccc8ac678e6
Availability Zones	Metric	Statistic
Any	NetworkOut	Average
Unit	Period	Breach duration
Bytes	5	5
Upper threshold	Scale up increment	Lower threshold
6000000	1	2000000
Scale down increment		

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Configure environment - Instances | EC2 | eu-north-1

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Processor type	Instance types	AMI ID
x86_64	t3.micro,t3.small	ami-0fd2e1ccc8ac678e6
Availability Zones	Metric	Statistic
Any	NetworkOut	Average
Unit	Period	Breach duration
Bytes	5	5
Upper threshold	Scale up increment	Lower threshold
6000000	1	2000000
Scale down increment		
-1		

Load balancer

Load balancer visibility	Load balancer subnets	Load balancer type
public	subnet-027fdaa78b5a7bfa0	application

Step 5: Configure updates, monitoring, and logging

Edit

Updates, monitoring, and logging

Define when and how Elastic Beanstalk deploys changes to your environment. Manage your application's monitoring and logging settings, instances, and other environment resources.

Monitoring

System enhanced	Cloudwatch custom metrics - instance	Cloudwatch custom metrics - environment
	---	---

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Configure environment - 10Instances | EC2 | eu-north-1

eu-north-1.console.aws.amazon.com/elasticbeanstalk/home

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Step 5: Configure updates, monitoring, and loggingEdit

Updates, monitoring, and logginginfo

Define when and how Elastic Beanstalk deploys changes to your environment. Manage your application's monitoring and logging settings, instances, and other environment resources.

Monitoring

System enhanced	Cloudwatch custom metrics - instance	Cloudwatch custom metrics - environment
	—	—
Log streaming	Retention	Lifecycle
Deactivated	7	false

Updates

Managed updates	Deployment batch size	Deployment batch size type
Activated	100	Percentage
Command timeout	Deployment policy	Health threshold
600	AllAtOnce	Ok
Ignore health check	Instance replacement	
false	false	

Platform software

Lifecycle	Log streaming	Allow URL fopen
false	Deactivated	On
Display errors	Document root	Max execution time

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600	AllAtOnce	Ok
Ignore health check	Instance replacement	
false	false	

Platform software

Lifecycle	Log streaming	Allow URL fopen
false	Deactivated	On
Display errors	Document root	Max execution time
Off	—	60
Memory limit	Zlib output compression	Proxy server
256M	Off	nginx
Logs retention	Rotate logs	Update level
7	Deactivated	minor
X-Ray enabled		
Deactivated		

Environment properties

Key▲Value▼

No environment properties

There are no environment properties defined

CancelPreviousSubmit

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Environment overview - ev

Instances | EC2 | eu-north-1

eu-north-1.console.aws.amazon.com/elasticbeanstalk/home

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Elastic Beanstalk

Applications

Environments

Change history

▼ Application: getting-started-app-2

Application versions

Saved configurations

▼ Environment: Getting-started-app-2-env

Go to environment

Configuration

Events

Health

Logs

Monitoring

Alarms

Managed updates

Tags

▼ Recent environments

Getting-started-app-2-env

Elastic Beanstalk is launching your environment. This will take a few minutes.

Elastic Beanstalk > Environments > Getting-started-app-2-env

Getting-started-app-2-env

Environment overview

HealthUnknown

Domain-

Environment IDE-zrfgcfnmia

Application namegetting-started-app-2

Platform

Platform

PHP 8.2 running on 64bit Amazon Linux 2023/4.0.5

Running version-

Platform stateSupported

Events

Health

Logs

Monitoring

Alarms

Managed updates

Tags

Events (2)

Filter events by text, property or value

Time	Type	Details
February 1, 2024 00:36:34 (UTC+5:30)	INFO	Using elasticbeanstalk-eu-north-1-533266962895 as Amazon S3 storage bucket for environment data.
February 1, 2024 00:36:33 (UTC+5:30)	INFO	createEnvironment is starting.

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SUCCESSFUL WEB-APPLICATION HOSTING:-

The image displays two screenshots from the AWS Elastic Beanstalk console. The top screenshot shows the 'Environment overview' for 'Getting-started-app-2-env'. The environment is in a healthy state (Ok). Key details include: Environment ID: e-zrfgcfnmia, Application name: getting-started-app-2, Platform: PHP 8.2 running on 64bit Amazon Linux 2023/4.0.5, and Platform state: Supported. The 'Events' tab shows a list of recent events, including the successful launch of the environment.

The bottom screenshot shows the landing page for the PHP application. It features a large 'Congratulations!' message, stating: 'Your AWS Elastic Beanstalk PHP application is now running on your own dedicated environment in the AWS Cloud'. It also mentions 'You are running PHP version 8.2.9' and 'This environment is launched with Elastic Beanstalk PHP Platform'. To the right, there are sections for 'What's Next?' and 'AWS SDK for PHP', each with a list of links to related documentation and resources.

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](#)