

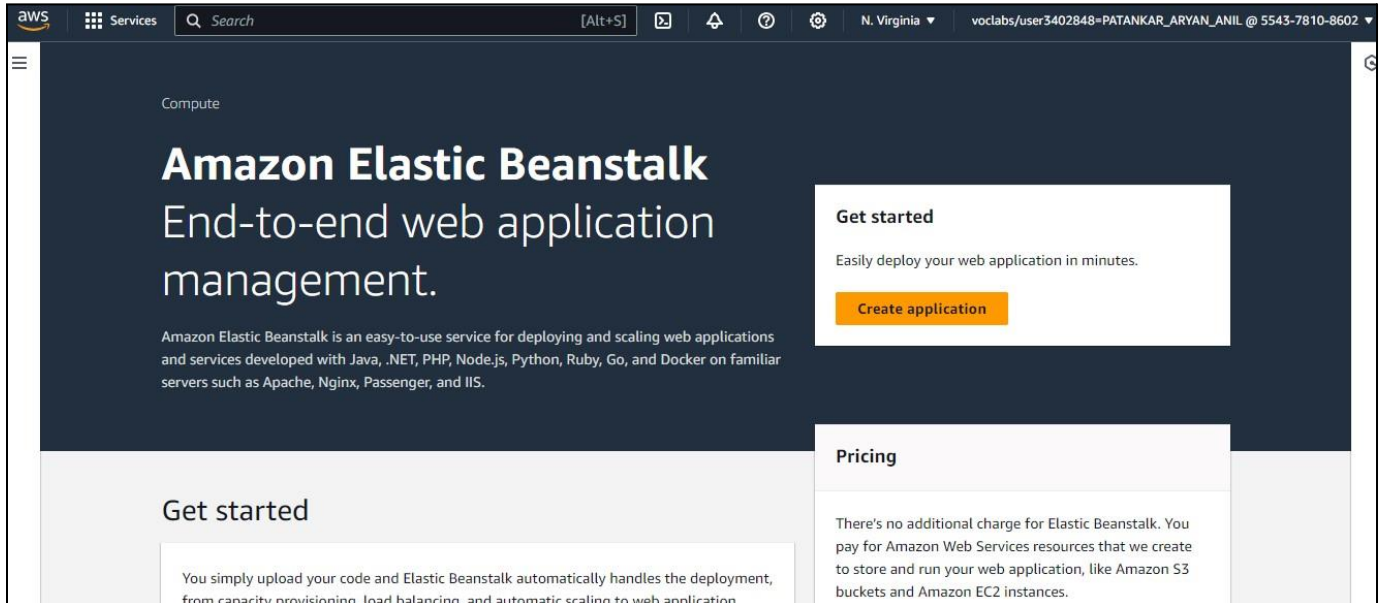
## ADVANCE DEVOPS EXPERIMENT NO.2

**Name:** Soham Satpute

**Class:**D15A

**Roll No:**52

**Aim:** To Build Your Application using AWS CodeBuild and Deploy on S3 / SEBS using AWS CodePipeline, deploy Sample Application on EC2 instance using AWS CodeDeploy.



The screenshot displays the AWS Management Console for the 'Compute' section, specifically for Amazon Elastic Beanstalk. The header includes the AWS logo, 'Services' menu, a search bar, and user information: 'N. Virginia' and 'voclabs/user3402848=PATANKAR\_ARYAN\_ANIL @ 5543-7810-8602'. The main content area features the heading 'Amazon Elastic Beanstalk End-to-end web application management.' followed by a description: '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.' A prominent orange 'Create application' button is visible. Below this, there are two sections: 'Get started' and 'Pricing'. The 'Get started' section states: 'You simply upload your code and Elastic Beanstalk automatically handles the deployment, from capacity provisioning, load balancing, and automatic scaling to web application'. The 'Pricing' section states: '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.'

**Step 1:**Search for **Elastic Beanstalk** in the search bar next to services section and you would see the following page.

## Step 2: Create a new application and proceed with the following settings

aws Services [Alt+S] N. Virginia voclabs/user3402848-PATANKAR\_ARYAN\_ANIL @

Step 1  
**Configure environment**

Step 2  
Configure service access

Step 3 - optional  
Set up networking, database, and tags

Step 4 - optional  
Configure instance traffic and scaling

Step 5 - optional  
Configure updates, monitoring, and logging

Step 6  
Review

### Configure environment [Info](#)

#### Environment tier [Info](#)

Amazon Elastic Beanstalk has two types of environment tiers to support different types of web applications.

- ☒ **Web server environment**  
Run a website, web application, or web API that serves HTTP requests. [Learn more](#)
- ☐ **Worker environment**  
Run a worker application that processes long-running workloads on demand or performs tasks on a schedule. [Learn more](#)

#### Application information [Info](#)

Application name

Aryan27

Maximum length of 100 characters.

► Application tags (optional)

### Platform [Info](#)

Platform type

- ☒ **Managed platform**  
Platforms published and maintained by Amazon Elastic Beanstalk. [Learn more](#)
- ☐ **Custom platform**  
Platforms created and owned by you. This option is unavailable if you have no platforms.

Platform

PHP

Platform branch

PHP 8.3 running on 64bit Amazon Linux 2023

Platform version

4.3.2 (Recommended)

## Application code [Info](#)

- ☒ Sample application
- ☐ Existing version  
Application versions that you have uploaded.
- ☐ Upload your code  
Upload a source bundle from your computer or copy one from Amazon S3.

## Presets [Info](#)

Start from a preset that matches your use case or choose custom configuration to unset recommended values and use the service's default values.

### Configuration presets

- ☒ Single instance (free tier eligible)
- ☐ Single instance (using spot instance)
- ☐ High availability
- ☐ High availability (using spot and on-demand instances)
- ☐ Custom configuration

[Cancel](#)[Next](#)

**Step 3:**Create a new service role as given below,if an existing service role with the same name does not exist.Proceed with the steps given below.

### Service access

IAM roles, assumed by Elastic Beanstalk as a service role, and EC2 instance profiles allow Elastic Beanstalk to create and manage your environment. Both the IAM role and instance profile must be attached to IAM managed policies that contain the required permissions. [Learn more](#)

Service role

☒ Create and use new service role

☐ Use an existing service role

Service role name

Enter the name for an IAM role that Elastic Beanstalk will create to assume as a service role. Beanstalk will attach the required managed policies to it.

aws-elasticbeanstalk-service-role

View permission details

EC2 key pair

Select an EC2 key pair to securely log in to your EC2 instances. [Learn more](#)

vockey

EC2 instance profile

Choose an IAM instance profile with managed policies that allow your EC2 instances to perform required operations.

EMR\_EC2\_DefaultRole

View permission details

## ▼ Instances [Info](#)

Configure the Amazon EC2 instances that run your application.

### Root volume (boot device)

Root volume type

(Container default) ▼

Size

The number of gigabytes of the root volume attached to each instance.

8

GB

IOPS

Input/output operations per second for a provisioned IOPS (SSD) volume.

100

IOPS

Throughput

The desired throughput to provision for the Amazon EBS root volume attached to your environment's EC2 instance

125

MiB/s

aws

Services

Search

[Alt+S]

Stockholm ▼

AryanPatankar ▼

Step 2  
[Configure service access](#)

Step 3 - optional  
[Set up networking, database, and tags](#)

Step 4 - optional  
[Configure instance traffic and scaling](#)

Step 5 - optional  
**Configure updates, monitoring, and logging**

Step 6  
[Review](#)

▼ Monitoring [Info](#)

Health reporting

Enhanced health reporting provides free real-time application and operating system monitoring of the instances and other resources in your environment. The **EnvironmentHealth** custom metric is provided free with enhanced health reporting. Additional charges apply for each custom metric. For more information, see [Amazon CloudWatch Pricing](#).

System

☒ Basic

☐ Enhanced

Health event streaming to CloudWatch Logs

Configure Elastic Beanstalk to stream environment health events to CloudWatch Logs. You can set the retention up to a maximum of ten years and configure Elastic Beanstalk to delete the logs when you terminate your environment.

Log streaming

☐ Activated (standard CloudWatch charges apply.)

Retention

7 ▼

**Step 4:** Review each step along with the selected options and verify that the correct options have been chosen.

## Review [Info](#)

**Step 1: Configure environment**

Edit

### Environment information

Environment tier	Application name
Web server environment	Aryan27
Environment name	Application code
Aryan27-env	Sample application
Platform	
arn:aws:elasticbeanstalk:us-east-1::platform/PHP 8.3 running on 64bit Amazon Linux 2023/4.3.2	

## Step 2: Configure service access

[Edit](#)

### 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::405894863107:role/service-role/aws-elasticbeanstalk-service-role	aws-elasticbeanstalk-ec2-role

## Step 3: Set up networking, database, and tags

[Edit](#)

### 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-0bf7d7d872a737f13	false	subnet-035fe38d8d742329e,subnet-0a7c9c6dedec1325d

## Step 5: Configure updates, monitoring, and logging

[Edit](#)

### Updates, monitoring, and logging [Info](#)

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



### 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		

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

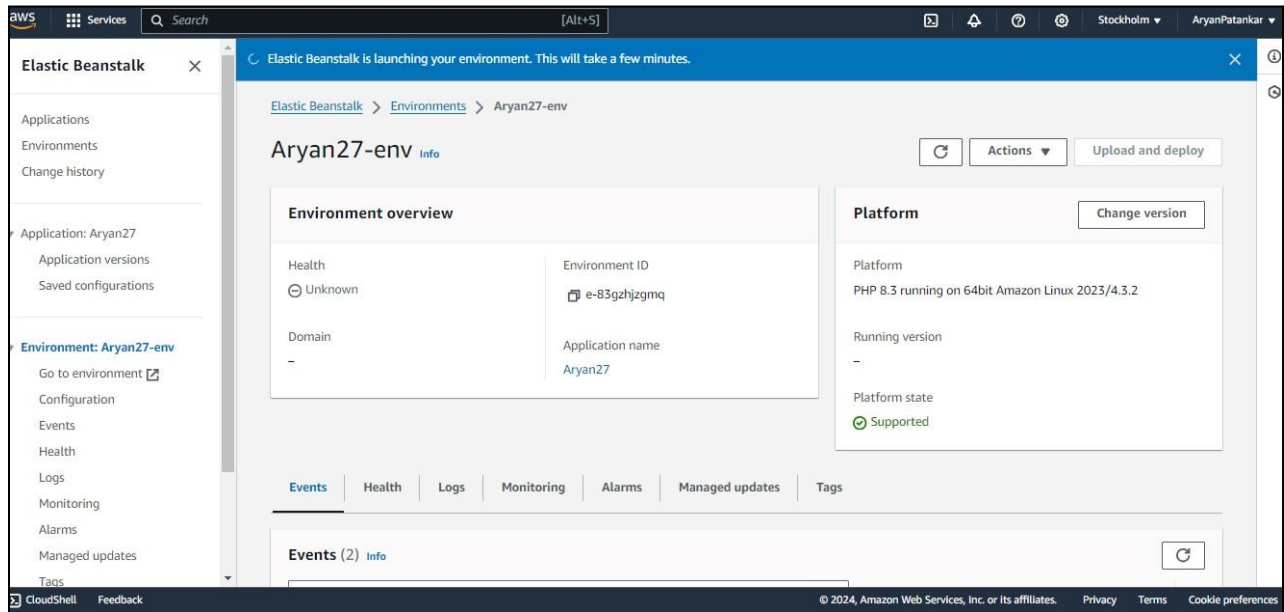
Key	Value
No environment properties	
There are no environment properties defined	

Cancel

Previous

Submit

**Step 5:**After clicking on the submit button, you would notice that the Elastic Beanstalk environment is being created and it may take some time for the environment to load completely.



### Trusted entity type

☒ **AWS service**  
Allow AWS services like EC2, Lambda, or others to perform actions in this account.

☐ **AWS account**  
Allow entities in other AWS accounts belonging to you or a 3rd party to perform actions in this account.

☐ **Web identity**  
Allows users federated by the specified external web identity provider to assume this role to perform actions in this account.

☐ **SAML 2.0 federation**  
Allow users federated with SAML 2.0 from a corporate directory to perform actions in this account.

☐ **Custom trust policy**  
Create a custom trust policy to enable others to perform actions in this account.

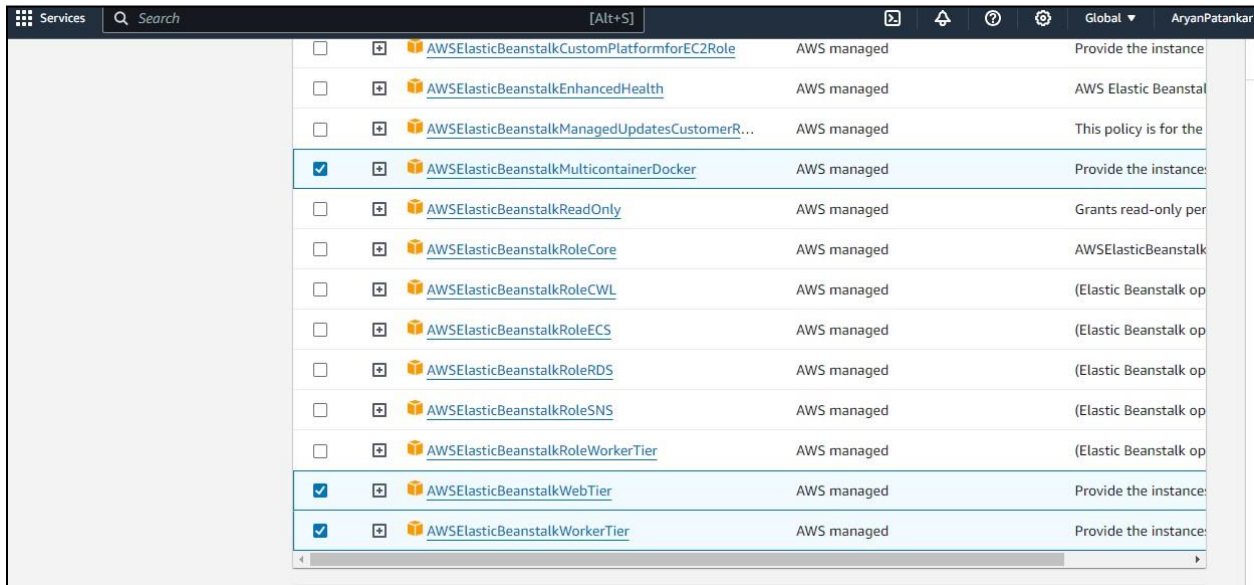
### Use case

Allow an AWS service like EC2, Lambda, or others to perform actions in this account.

**Service or use case**

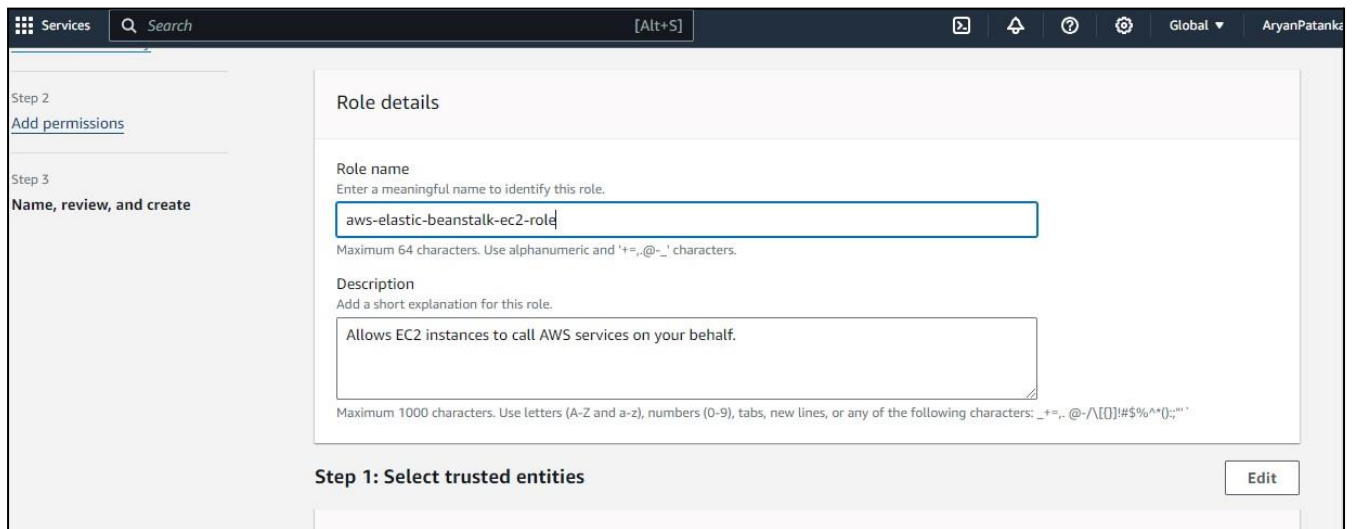
EC2

**Step 6:** Meanwhile, if a role is already not defined, then you need to create a new role for the elastic beanstalk and ensure there is a blue checkmark on the following three permissions given below.



<input type="checkbox"/>	Role Name	Managed By	Description
<input type="checkbox"/>	<a href="#">AWSElasticBeanstalkCustomPlatformforEC2Role</a>	AWS managed	Provide the instance
<input type="checkbox"/>	<a href="#">AWSElasticBeanstalkEnhancedHealth</a>	AWS managed	AWS Elastic Beanstalk
<input type="checkbox"/>	<a href="#">AWSElasticBeanstalkManagedUpdatesCustomerR...</a>	AWS managed	This policy is for the
<input checked="" type="checkbox"/>	<a href="#">AWSElasticBeanstalkMulticontainerDocker</a>	AWS managed	Provide the instance:
<input type="checkbox"/>	<a href="#">AWSElasticBeanstalkReadOnly</a>	AWS managed	Grants read-only per
<input type="checkbox"/>	<a href="#">AWSElasticBeanstalkRoleCore</a>	AWS managed	AWSElasticBeanstalk
<input type="checkbox"/>	<a href="#">AWSElasticBeanstalkRoleCWL</a>	AWS managed	(Elastic Beanstalk op
<input type="checkbox"/>	<a href="#">AWSElasticBeanstalkRoleECS</a>	AWS managed	(Elastic Beanstalk op
<input type="checkbox"/>	<a href="#">AWSElasticBeanstalkRoleRDS</a>	AWS managed	(Elastic Beanstalk op
<input type="checkbox"/>	<a href="#">AWSElasticBeanstalkRoleSNS</a>	AWS managed	(Elastic Beanstalk op
<input type="checkbox"/>	<a href="#">AWSElasticBeanstalkRoleWorkerTier</a>	AWS managed	(Elastic Beanstalk op
<input checked="" type="checkbox"/>	<a href="#">AWSElasticBeanstalkWebTier</a>	AWS managed	Provide the instance:
<input checked="" type="checkbox"/>	<a href="#">AWSElasticBeanstalkWorkerTier</a>	AWS managed	Provide the instance:

**Step 7:** Enter a role name and proceed. You would notice the role being successfully created after some time.



Step 2  
[Add permissions](#)

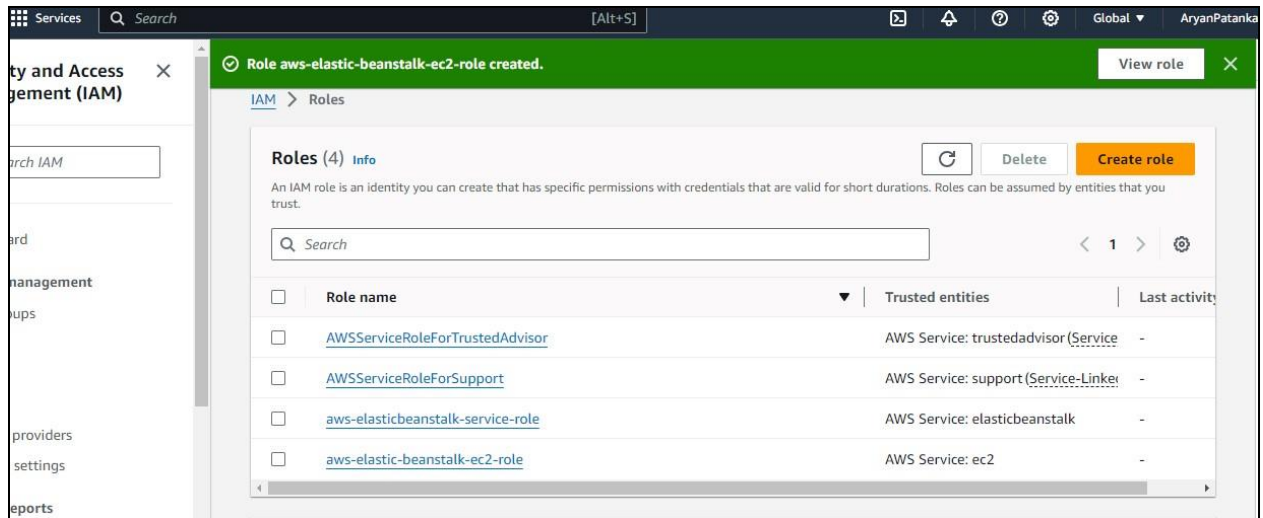
Step 3  
**Name, review, and create**

### Role details

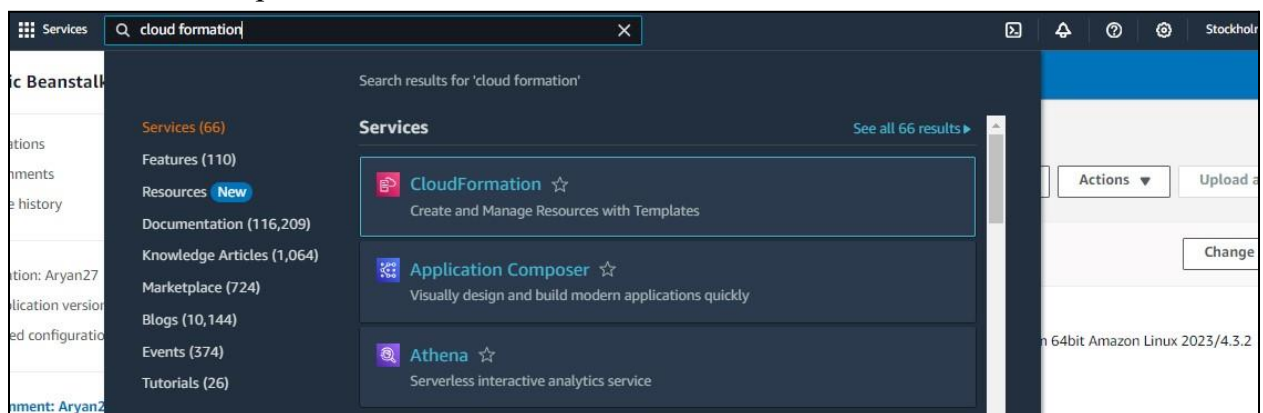
**Role name**  
Enter a meaningful name to identify this role.  
  
Maximum 64 characters. Use alphanumeric and '+', '=', '@', '-', '\_' characters.

**Description**  
Add a short explanation for this role.  
  
Maximum 1000 characters. Use letters (A-Z and a-z), numbers (0-9), tabs, new lines, or any of the following characters: '\_', '=', '@', '-', '/', '[', ']', '!', '\$', '%', '^', '(), ~, \*', '., '.

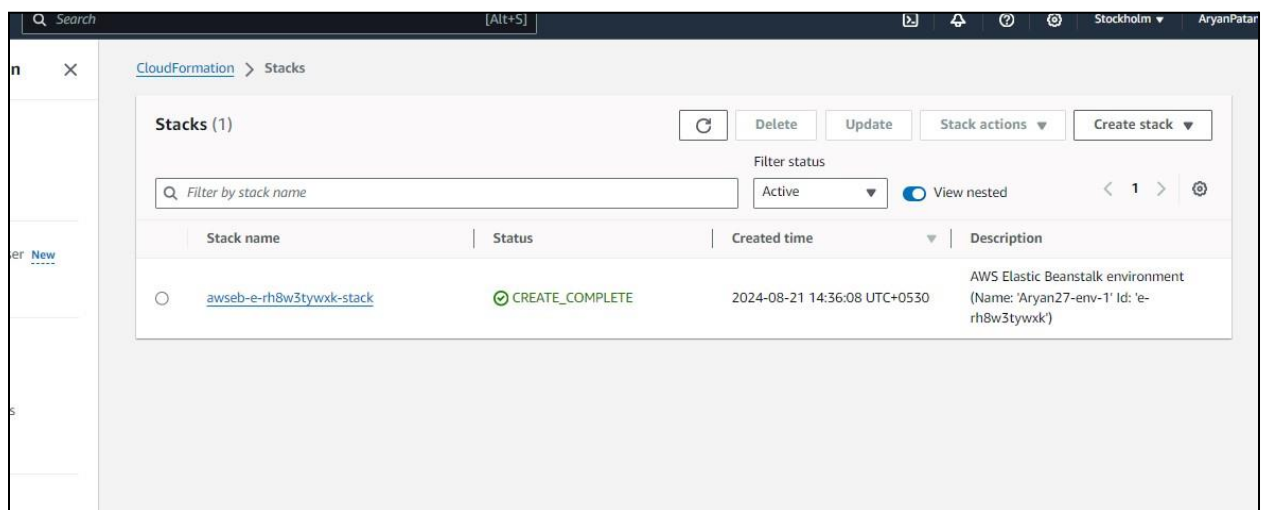
**Step 1: Select trusted entities** Edit

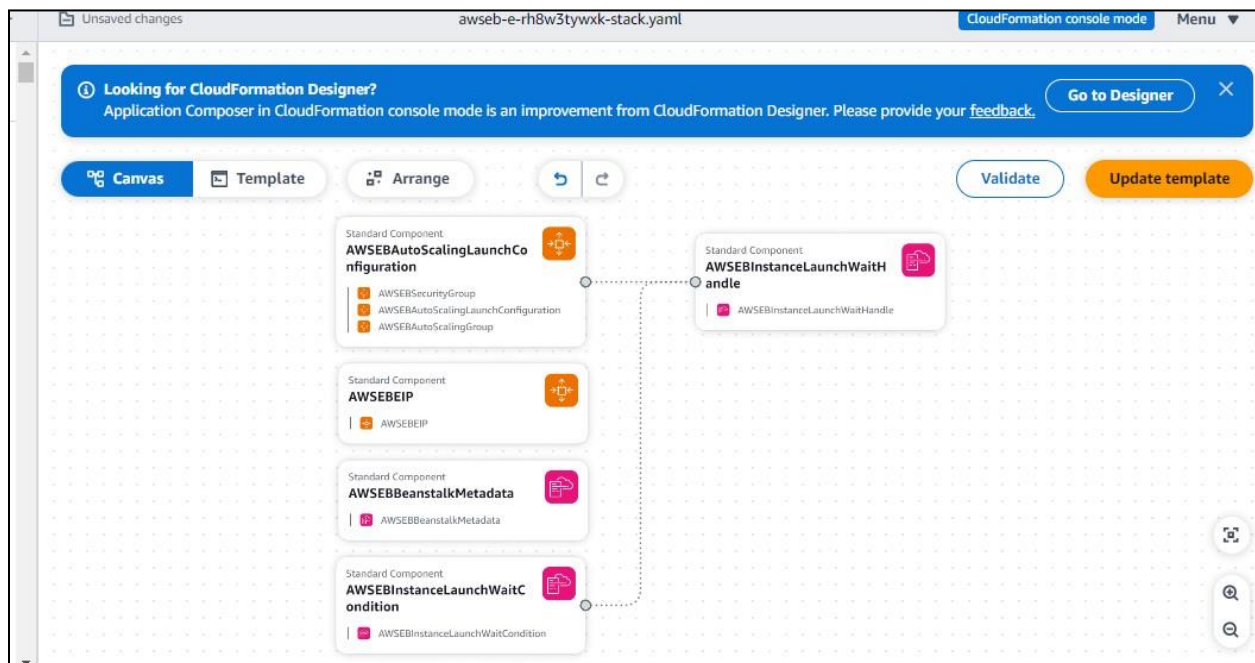
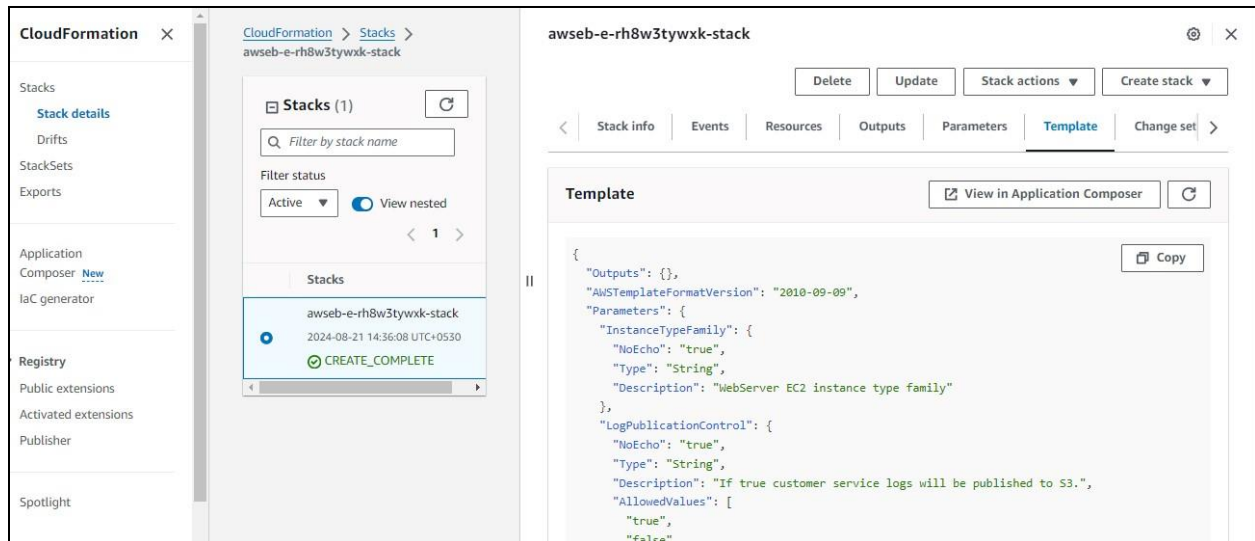


**Step 8(optional):** Search for CloudFormation as it helps you to manage AWS resources in a text file or a template.

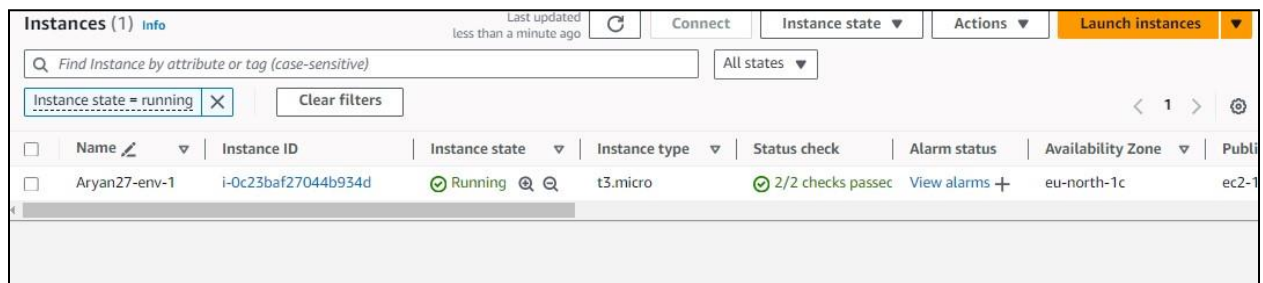


Here, the stacks option given below is a collection of AWS resources.





**Step 9:** Now, we search for EC2 in the services section and we notice that an instance of the Elastic Beanstalk app has already been created and it is running.



**Step 10:** Click on the domain link given below, after which we are redirected to a Congratulations page implying that our sample PHP application has been successfully hosted.

Elastic Beanstalk > Environments > Aryan27-env-1

### Aryan27-env-1 Info

[Refresh](#) [Actions](#) [Upload and deploy](#)

#### Environment overview

Health <span>✔ Ok</span>	Environment ID <span>📄 e-rh8w3tywxk</span>
Domain <a href="#">Aryan27-env-1.eba-hc3d432h.eu-north-1.elasticbeanstalk.com</a>	Application name Aryan27

#### Platform

[Change version](#)

Platform  
PHP 8.3 running on 64bit Amazon Linux 2023/4.3.2

Running version  
-

Platform state  
✔ Supported

[Events](#) [Health](#) [Logs](#) [Monitoring](#) [Alarms](#) [Managed updates](#) [Tags](#)

#### Events (12) Info

[Refresh](#)

← → 🔒 Not secure aryan27-env-1.eba-hc3d432h.eu-north-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 8.3.7

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](#)

**Step 11:** Now, we will be deploying our website using CodePipeline, so follow all the steps given below and proceed.



**Pipeline name**  
Enter the pipeline name. You cannot edit the pipeline name after it is created.

Pipeline\_Aryan

No more than 100 characters

**Pipeline type**

**i** You can no longer create V1 pipelines through the console. We recommend you use the V2 pipeline type with improved release safety, pipeline triggers, parameterized pipelines, and a new billing model.

**Execution mode**  
Choose the execution mode for your pipeline. This determines how the pipeline is run.

☐ Superseded  
A more recent execution can overtake an older one. This is the default.

☒ Queued (Pipeline type V2 required)  
Executions are processed one by one in the order that they are queued.

☐ Parallel (Pipeline type V2 required)  
Executions don't wait for other runs to complete before starting or finishing.

**Service role**

**Step 12:**In the source stage, choose GitHub v2 as the provider, then connect your GitHub account to AWS by creating a connection. You'd need your GitHub credentials and then you'd need to authorize and install AWS on the forked GitHub Repository.

Step 2 of 5

**Source**

**Source provider**  
This is where you stored your input artifacts for your pipeline. Choose the provider and then provide the connection details.

GitHub (Version 1)

Grant AWS CodePipeline access to your GitHub repository. This allows AWS CodePipeline to upload commits from GitHub to your pipeline.

Connected

You have successfully configured the action with the provider.

**i** **The GitHub (Version 1) action is not recommended**  
The selected action uses OAuth apps to access your GitHub repository. This is no longer the recommended method. Instead, choose the GitHub (Version 2) action to access your repository by creating a connection. Connections use GitHub Apps to manage authentication and can be shared with other resources. [Learn](#)

Services Search [Alt+S]

Stockholm

✓ You have successfully authenticated your account.

**The GitHub (Version 1) action is not recommended**  
 The selected action uses OAuth apps to access your GitHub repository. This is no longer the recommended method. Instead, choose the GitHub (Version 2) action to access your repository by creating a connection. Connections use GitHub Apps to manage authentication and can be shared with other resources. [Learn more](#)

Repository  
 AryanPatankar27/IPLab-02

Branch  
 main

Choose a detection mode to automatically start your pipeline when a change occurs in the source code:

☒ **GitHub webhooks (recommended)**  
 Use webhooks in GitHub to automatically start my pipeline when a change occurs

☐ **AWS CodePipeline**  
 Use AWS CodePipeline to check periodically for changes

Cancel Previous **Next**

Then, simply choose this forked repository and the branch which you will be able to find in the search box. After that, click Continue and skip the build stage. Proceed to the Deployment stage.

**Step 13:** Choose Beanstalk as the Deploy Provider, same region as the Bucket and Beanstalk, name and environment name. Click Next, Review and create the pipeline.

age

**Deploy**

**Deploy provider**  
 Choose how you deploy to instances. Choose the provider, and then provide the configuration details for that provider.  
 AWS Elastic Beanstalk

**Region**  
 Europe (Stockholm)

**Input artifacts**  
 Choose an input artifact for this action. [Learn more](#)  
 SourceArtifact  
 No more than 100 characters

**Application name**  
 Choose an application that you have already created in the AWS Elastic Beanstalk console. Or create an application in the AWS Elastic Beanstalk console and then return to this task.  
 Aryan27

**Environment name**  
 Choose an environment that you have already created in the AWS Elastic Beanstalk console. Or create an environment in the AWS Elastic Beanstalk console and then return to this task.  
 Aryan27-env-1

☐ Configure automatic rollback on stage failure



### Step 4: Add deploy stage

Deploy action provider

Deploy action provider

AWS Elastic Beanstalk

ApplicationName

Aryan27

EnvironmentName

Aryan27-env

Configure automatic rollback on stage failure

Disabled

Cancel

Previous

Create pipeline

**Step 14:** Review all the selected steps once.

Review

Info

Step 5 of 5

### Step 1: Choose pipeline settings

Pipeline settings

Pipeline name

Pipeline\_Aryan

Pipeline type

V2

Execution mode

QUEUED

Artifact location

A new Amazon S3 bucket will be created as the default artifact store for your pipeline

Service role name

AWSCodePipelineServiceRole-eu-north-1-Pipeline\_Aryan

### Step 2: Add source stage

#### Source action provider

Source action provider

GitHub (Version 1)

PollForSourceChanges

false

Repo

IPLab-02

Owner

AryanPatankar27

Branch

main

### Step 3: Add build stage

#### Build action provider

Build stage

No build

### Step 4: Add deploy stage

#### Deploy action provider

Deploy action provider

AWS Elastic Beanstalk

ApplicationName

Aryan27

EnvironmentName

Aryan27-env-1

Configure automatic rollback on stage failure

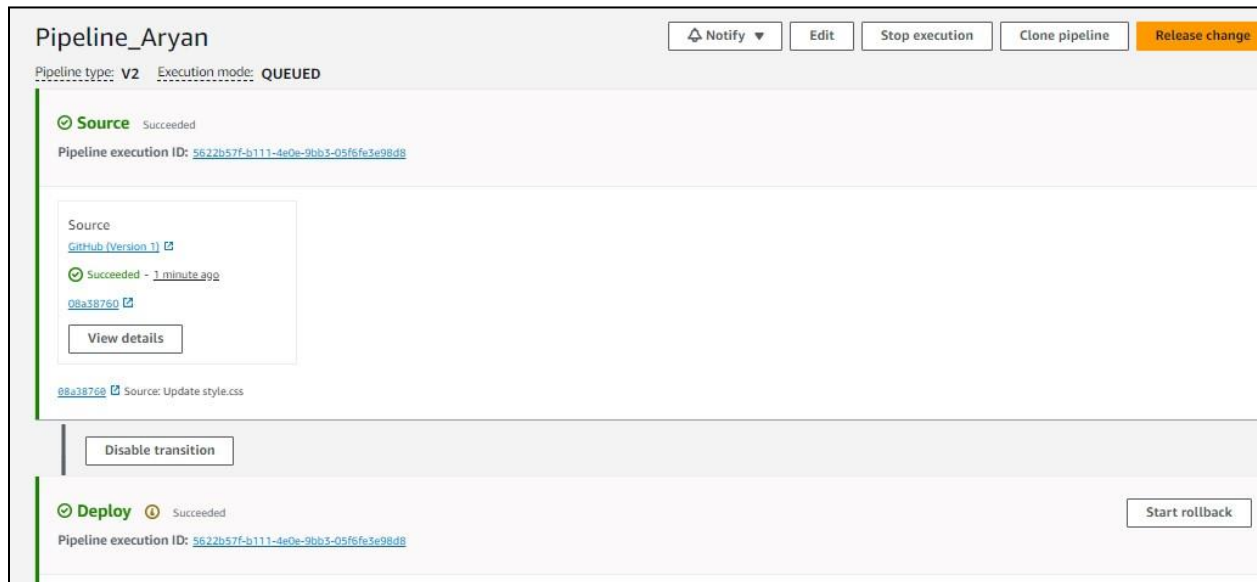
Disabled

Cancel

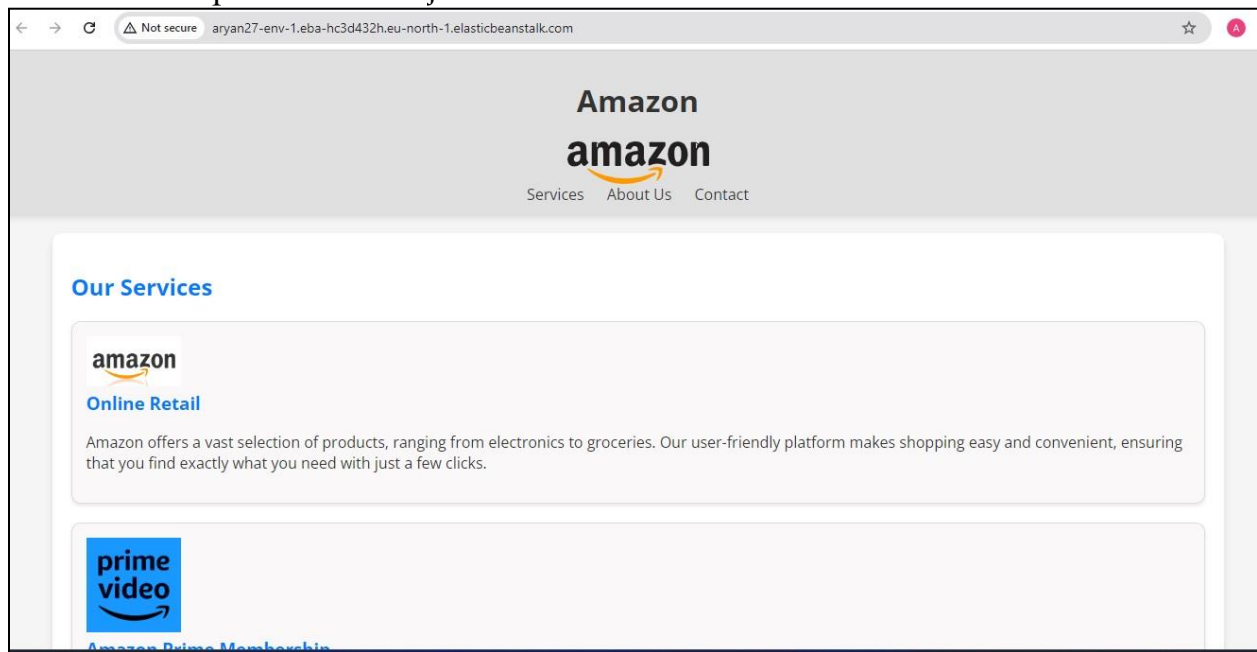
Previous

Create pipeline

**Step 15:** In a few minutes, we will have our pipeline created. Once we have the success message on the Deploy part, we can go ahead and check our URL provided in the EBS environment.



This is the sample website we just created.



If you can see this, that means that you successfully created an automated software using CodePipeline.

**Using S3 Bucket**

**Step 16:** Now, we will be deploying our website using the S3 bucket. So proceed with the options as given below.

AWS Region

Europe (Stockholm) eu-north-1

Bucket type

Info

☒ General purpose

Recommended for most use cases and access patterns. General purpose buckets are the original S3 bucket type. They allow a mix of storage classes that redundantly store objects across multiple Availability Zones.

☐ Directory - New

Recommended for low-latency use cases. These buckets use only the S3 Express One Zone storage class, which provides faster processing of data within a single Availability Zone.

Bucket name

Info

aryan2711

Bucket name must be unique within the global namespace and follow the bucket naming rules. [See rules for bucket naming](#)

Copy settings from existing bucket - optional

Only the bucket settings in the following configuration are copied.

Choose bucket

Format: s3://bucket/prefix

Object Ownership

Info

Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

Object Ownership

Info

Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

☒ ACLs disabled (recommended)

All objects in this bucket are owned by this account. Access to this bucket and its objects is specified using only policies.

☐ ACLs enabled

Objects in this bucket can be owned by other AWS accounts. Access to this bucket and its objects can be specified using ACLs.

Object Ownership

Bucket owner enforced

Block Public Access settings for this bucket

Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to this bucket and its objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to this bucket or objects within, you can customize the individual settings below to suit your specific storage use cases. [Learn more](#)

☒ Block all public access

Turning this setting on is the same as turning on all four settings below. Each of the following settings are independent of one another.

☒ Block public access to buckets and objects granted through new access control lists (ACLs)

S3 will block public access permissions applied to newly added buckets or objects, and prevent the creation of new public access

Encryption type [Info](#)

☒ Server-side encryption with Amazon S3 managed keys (SSE-S3)

☐ Server-side encryption with AWS Key Management Service keys (SSE-KMS)

☐ Dual-layer server-side encryption with AWS Key Management Service keys (DSSE-KMS)

Secure your objects with two separate layers of encryption. For details on pricing, see [DSSE-KMS pricing](#) on the **Storage** tab of the [Amazon S3 pricing page](#). [↗](#)

Bucket Key

Using an S3 Bucket Key for SSE-KMS reduces encryption costs by lowering calls to AWS KMS. S3 Bucket Keys aren't supported for DSSE-KMS. [Learn more](#) [↗](#)

☐ Disable

☒ Enable

► Advanced settings

❗

After creating the bucket, you can upload files and folders to the bucket, and configure additional bucket settings.

Cancel

Create bucket

✔ Successfully created bucket "aryan2711" [View details](#) [×](#)

To upload files and folders, or to configure additional bucket settings, choose [View details](#).

Storage lens provides visibility into storage usage and activity trends. [Learn more](#) [↗](#)

General purpose buckets

Directory buckets

General purpose buckets (3) [Info](#) [All AWS Regions](#)

↻

Copy ARN

Empty

Delete

Create bucket

Buckets are containers for data stored in S3.

🔍 Find buckets by name

< 1 > ⚙️

Name ▲	AWS Region ▼	IAM Access Analyzer	Creation date ▼
<input type="radio"/> <a href="#">aryan2711</a>	Europe (Stockholm) eu-north-1	<a href="#">View analyzer for eu-north-1</a>	August 21, 2024, 15:42:44 (UTC+05:30)
<input type="radio"/> <a href="#">codepipeline-eu-north-1-365572256475</a>	Europe (Stockholm) eu-north-1	<a href="#">View analyzer for eu-north-1</a>	August 21, 2024, 15:29:16 (UTC+05:30)
<input type="radio"/> <a href="#">elasticbeanstalk-eu-north-1-405894863107</a>	Europe (Stockholm) eu-north-1	<a href="#">View analyzer for eu-north-1</a>	August 21, 2024, 14:00:18 (UTC+05:30)

**Step 17:** Upload all the files that you want on your website that is to be hosted.

### Upload Info

Add the files and folders you want to upload to S3. To upload a file larger than 160GB, use the AWS CLI, AWS SDK or Amazon S3 REST API. [Learn more](#)

Drag and drop files and folders you want to upload here, or choose **Add files** or **Add folder**.

**Files and folders (11 Total, 545.5 KB)** Remove Add files Add folder

All files and folders in this table will be uploaded.

 < 1 2 >

<input checked="" type="checkbox"/>	Name	Folder	Type
<input checked="" type="checkbox"/>	download (1).jiff	IPLab-02-main/	image/jpeg
<input checked="" type="checkbox"/>	download (1).png	IPLab-02-main/	image/png
<input checked="" type="checkbox"/>	download (2).jiff	IPLab-02-main/	image/jpeg
<input checked="" type="checkbox"/>	download (2).png	IPLab-02-main/	image/png
<input checked="" type="checkbox"/>	download (3).png	IPLab-02-main/	image/png
<input checked="" type="checkbox"/>	download (4).png	IPLab-02-main/	image/png
<input checked="" type="checkbox"/>	download.png	IPLab-02-main/	image/png
<input checked="" type="checkbox"/>	index.html	IPLab-02-main/	text/html
<input checked="" type="checkbox"/>	introduction.mp3	IPLab-02-main/	audio/mpeg
<input checked="" type="checkbox"/>	promotional-video.mp4	IPLab-02-main/	video/mp4

### Upload succeeded

View details below.

Files and folders Configuration

**Files and folders (11 Total, 545.5 KB)**

Name	Folder	Type	Size	Status	Error
<a href="#">download (1)...</a>	IPLab-02-main/	image/jpeg	8.4 KB	<span>✔ Succeeded</span>	-
<a href="#">download (1)...</a>	IPLab-02-main/	image/png	3.3 KB	<span>✔ Succeeded</span>	-
<a href="#">download (2)...</a>	IPLab-02-main/	image/jpeg	5.5 KB	<span>✔ Succeeded</span>	-
<a href="#">download (2)...</a>	IPLab-02-main/	image/png	6.0 KB	<span>✔ Succeeded</span>	-
<a href="#">download (3)...</a>	IPLab-02-main/	image/png	6.1 KB	<span>✔ Succeeded</span>	-
<a href="#">download (4)...</a>	IPLab-02-main/	image/png	2.4 KB	<span>✔ Succeeded</span>	-
<a href="#">download.pn...</a>	IPLab-02-main/	image/png	4.7 KB	<span>✔ Succeeded</span>	-
<a href="#">index.html</a>	IPLab-02-main/	text/html	6.1 KB	<span>✔ Succeeded</span>	-
<a href="#">introduction...</a>	IPLab-02-main/	audio/mpeg	158.0 KB	<span>✔ Succeeded</span>	-
<a href="#">promotional...</a>	IPLab-02-main/	video/mp4	341.4 KB	<span>✔ Succeeded</span>	-

**Step 18:** Here, if the upload of files is successful you would get the following page, meaning your website has been successfully hosted using the S3 bucket.

