

Part 1: EC2 with ELB and ASG

Objective: Learn how to create a scalable and highly available web application environment using Amazon EC2 instances, ELB, and ASG.

Approach:

1. **Launch EC2 Instances:** Start by launching two or more EC2 instances. These instances will run a simple web application (e.g., a "Hello World" page or any basic web service).
2. **Configure Load Balancer:** Set up an Elastic Load Balancer (ELB) to distribute incoming web traffic across your EC2 instances. This step ensures high availability and fault tolerance.
3. **Set Up Auto Scaling Group (ASG):** Create an ASG that uses the launched EC2 instances. Configure ASG policies to automatically scale the number of instances up or down based on criteria like CPU usage or network traffic.
4. **Test Your Setup:** Simulate traffic to test the scaling policies and the load balancer. Observe how ASG adds or removes instances and how ELB distributes traffic.
5. **Verify Website Functionality:** Ensure that the website hosted on EC2 instances remains accessible and functional during scaling operations.

Goal: By the end of this lab, students will have a hands-on understanding of setting up a load-balanced and auto-scaled web application using AWS services.

1. Launch 2 EC2 instance

Give name of instance and select application and OS Images

EC2 > Instances > Launch an instance

Launch an instance Info

Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.

Name and tags Info

Name
advlabinstance [Add additional tags](#)

▼ Application and OS Images (Amazon Machine Image) Info

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below

Q Search our full catalog including 1000s of application and OS images

Recents Quick Start

Amazon Linux macOS Ubuntu Windows Red Hat SUSE Linux

Browse more AMIs
Including AMIs from AWS, Marketplace and the Community

Amazon Machine Image (AMI)
Amazon Linux 2023 AMI Free tier eligible

▼ Summary

Number of Instances Info
2

When launching more than 1 instance, consider EC2 Auto Scaling

Software Image (AMI)
Amazon Linux 2023 AMI 2023.3.2...read more
ami-0440d3b780d96b29d

Virtual server type (instance type)
t2.micro

Firewall (security group)
New security group

Storage (volumes)
1 volume(s) - 8 GiB

Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) Instance usage on free tier AMIs per month, 30 GiB of EBS storage, 2 million I/Os, 1 GB of snapshots, and 100 GB of bandwidth to the Internet.

Cancel [Launch instance](#) [Review commands](#)

2.Create security grp:

VPC EC2 Lambda S3 API Gateway IAM DynamoDB

☒ Create security group ☐ Select existing security group

Security group name - *required*
advancelabsecgrp

This security group will be added to all network interfaces. The name can't be edited after the security group is created. Max length is 255 characters. Valid characters: a-z, A-Z, 0-9, spaces, and _-./!@,+=&_[]{}*~

Description - *required* Info
ssh/http

Inbound Security Group Rules

▼ Security group rule 1 (TCP, 22, 0.0.0.0/8) [Remove](#)

Type	Protocol	Port range	Source type	Source	Description - optional
ssh	TCP	22	Custom	Q Add CIDR, prefix list or security 0.0.0.0/8	e.g. SSH for admin desktop

▼ Security group rule 2 (TCP, 80, 0.0.0.0/8) [Remove](#)

Type	Protocol	Port range	Source type	Source	Description - optional
HTTP	TCP	80	Custom	Q Add CIDR, prefix list or security 0.0.0.0/8	e.g. SSH for admin desktop

[Add security group rule](#)

▼ Summary

Number of Instances Info
2

When launching more than 1 instance, consider EC2 Auto Scaling

Software Image (AMI)
Amazon Linux 2023 AMI 2023.3.2...read more
ami-0440d3b780d96b29d

Virtual server type (instance type)
t2.micro

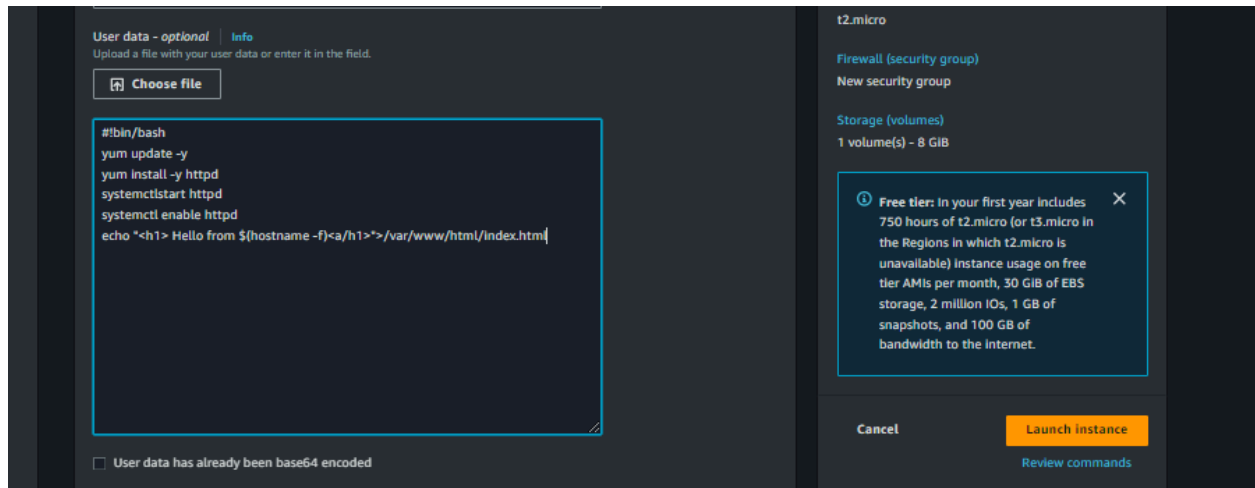
Firewall (security group)
New security group

Storage (volumes)
1 volume(s) - 8 GiB

Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) Instance usage on free tier AMIs per month, 30 GiB of EBS storage, 2 million I/Os, 1 GB of snapshots, and 100 GB of bandwidth to the Internet.

Cancel [Launch instance](#) [Review commands](#)

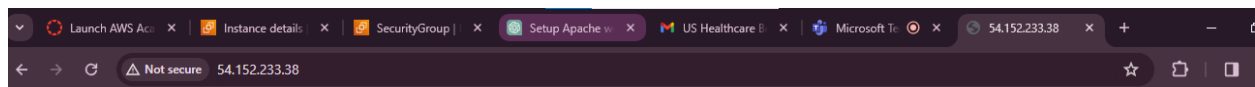
3.At Advanced Detail section below script is aTTached and rest configuration are le[as it is.



4. Instance successfully created:

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS	Public IPv4 ...	Elastic IP	IPv6 IPs
advance lab in...	i-01afb8d58e6f478d2	Running	t2.micro	2/2 checks passed	View alarms +	us-east-1b	ec2-54-198-181-13.co...	54.198.181.13	-	-
advance lab in...	i-02e121372cc3e5579	Running	t2.micro	2/2 checks passed	View alarms +	us-east-1b	ec2-54-210-126-77.co...	54.210.126.77	-	-
First Ec2	i-04bd9eb1b757dcb1a	Running	t2.micro	2/2 checks passed	View alarms +	us-east-1b	ec2-44-198-62-115.co...	44.198.62.115	44.198.62.115	-
ec3 for vpc	i-09d69c9f063d548ec	Running	t2.micro	2/2 checks passed	View alarms +	us-east-1b	ec2-52-203-238-53.co...	52.203.238.53	-	-
advlabinstance	i-002f5732099cd2ea9	Running	t2.micro	2/2 checks passed	View alarms +	us-east-1b	ec2-54-159-27-111.co...	54.159.27.111	-	-
advlabinstance	i-02744b2de69f8846d	Running	t2.micro	2/2 checks passed	View alarms +	us-east-1b	ec2-54-163-17-210.co...	54.163.17.210	-	-
advlabnew	i-0af391ac9d80e5aa2	Initializing	t2.micro	Initializing	View alarms +	us-east-1b	ec2-18-215-153-50.co...	18.215.153.50	-	-
advlabnew	i-0a3b88b203df1d48c	Initializing	t2.micro	Initializing	View alarms +	us-east-1b	ec2-18-215-149-174.co...	18.215.149.174	-	-

the public IPv4 address of both ec2 instances worked in web browser

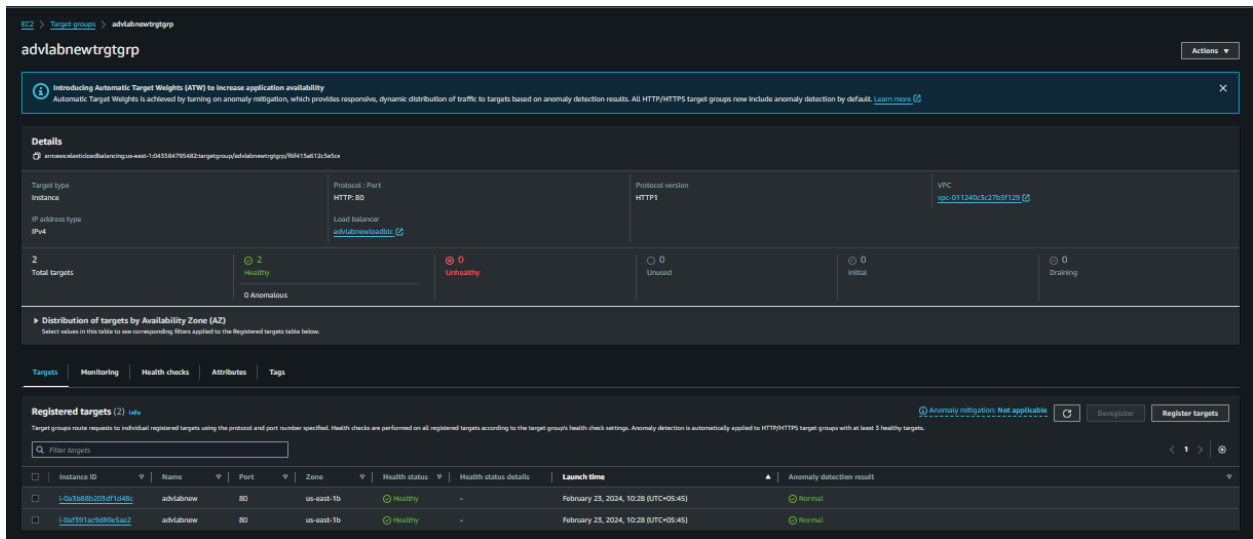


Hello from ip-172-31-19-85.ec2.internal

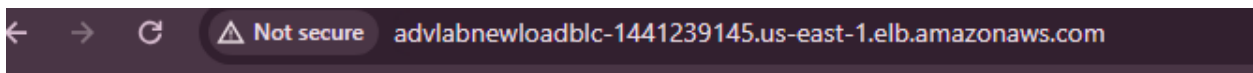
5. Navigate to load balancers screen and click on "Create load balancer" and create a new load balancer

Name	DNS name	State	VPC ID	Availability Zones	Type	Date created
advlabloadbalance	advlabloadbalance-17553...	Active	vpc-011240c3c27b5f1...	2 Availability Zones	application	February 23, 2024, 06:53 (UTC+05:45)
advlabnewloadblc	advlabnewloadblc-144123...	Active	vpc-011240c3c27b5f1...	4 Availability Zones	application	February 23, 2024, 08:13 (UTC+05:45)

6. Basic configuration for target group is provided. Here, target group instances are chosen and for rest default configurations are kept as it is.



7. After that, the DNS name of load balancer is copied and accessed in web browser. When the URL is refreshed, multiple times it runs different instance of the specified target group to maintain the load



8. Create new auto scaling group. In launch template section, "Create a launch template" is selected and new template is created

EC2 > Auto Scaling groups > Create Auto Scaling group

Step 1
Choose launch template

Step 2
Choose instance launch options

Step 3 - optional
Configure advanced options

Step 4 - optional
Configure group size and scaling

Step 5 - optional
Add notifications

Step 6 - optional
Add tags

Step 7
Review

Choose launch template info

Specify a launch template that contains settings common to all EC2 instances that are launched by this Auto Scaling group.

Name

Auto Scaling group name

Enter a name to identify the group.

advancedlabsgj

Must be unique to this account in the current Region and no more than 255 characters.

Launch template info

ⓘ For accounts created after May 31, 2023, the EC2 console only supports creating Auto Scaling groups with launch templates. Creating Auto Scaling groups with launch configurations is not recommended but still available via the CLI and API until December 31, 2023.

Launch template

Choose a launch template that contains the instance-level settings, such as the Amazon Machine Image (AMI), instance type, key pair, and security groups.

Select a launch template

Create a launch template [↗](#)

Cancel

Next

Activate Windows
Go to Settings to activate Windows.

▼ Application and OS Images (Amazon Machine Image) - required info

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below

Q Search our full catalog including 1000s of application and OS images

Recents

Quick Start

Currently in use

Browse more AMIs

Including AMIs from AWS, Marketplace and the Community

Amazon Machine Image (AMI)

al2023-ami-2023.3.20240219.0-kernel-6.1-x86_64

ami-0440d3b780d96b29d

2024-02-16T21:29:42.000Z

Architecture: 64-bit (x86)

Virtualization: hvm

ENA enabled: true

Root device type: ebs

Boot mode: uefi-preferred

Description

Amazon Linux 2023 AMI 2023.3.20240219.0 x86_64 HVM kernel-6.1

Architecture

AMI ID

x86_64

ami-0440d3b780d96b29d

Verified provider

▼ Summary

Software Image (AMI)

Amazon Linux 2023 AMI 2023.3.2...[read more](#)

ami-0440d3b780d96b29d

Virtual server type (instance type)

-

Firewall (security group)

-

Storage (volumes)

1 volume(s) - 8 GiB

ⓘ Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier AMIs per month, 30 GiB of EBS storage, 2 million I/Os, 1 GB of snapshots, and 100 GB of bandwidth to the internet.

×

Cancel

Create launch template

▼ Instance type

Info | Get advice

Simple

☒ Manually select instance type
Select an instance type that meets your computing, memory, networking, or storage needs.

☐ Specify instance type attributes
Specify instance attributes that match your compute requirements.

Instance type

t2.micro

Family: t2 | 1 vCPU | 1 GiB Memory | Current generation: true | Free tier eligible

On-Demand Windows base pricing: 0.0162 USD per Hour
On-Demand SUSE base pricing: 0.0116 USD per Hour
On-Demand RHEL base pricing: 0.0716 USD per Hour
On-Demand Linux base pricing: 0.0116 USD per Hour

All generations

Compare instance types

Additional costs apply for AMIs with pre-installed software

▼ Key pair (login)

Info

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name

vockey

Create new key pair

▼ Network settings

Info

Subnet

Info

Don't include in launch template

Create new subnet

When you specify a subnet, a network interface is automatically added to your template.

Firewall (security groups)

Info

A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

Select existing security group

Create security group

Security groups

Info

Select security groups

advlabsecgrpnew sg-0f1b11875d0d2543f

VPC: vpc-011240c3c27b5f129

Compare security group rules

Advanced network configuration

▼ Summary

Software Image (AMI)

Amazon Linux 2023 AMI 2023.3.2...read more

ami-0440d5b780d96b29d

Virtual server type (instance type)

t2.micro

Firewall (security group)

advlabsecgrpnew

Storage (volumes)

1 volume(s) - 8 GiB

Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier AMIs per month, 30 GiB of EBS storage, 2 million I/Os, 1 GiB of snapshots, and 100 GiB of bandwidth to the Internet.

Cancel

Create launch template

9. After confirming the configuration, template is launched.

EC2

Launch templates

Create launch template

Success

Successfully created `advlabtemplate(t-0b47f152d0675ce6)`.

Actions log

Next Steps

Launch an instance

With On-Demand Instances, you pay for compute capacity by the second (for Linux, with a minimum of 60 seconds) or by the hour (for all other operating systems) with no long-term commitments or upfront payments. Launch an On-Demand Instance from your launch template.

Launch instance from this template

Create an Auto Scaling group from your template

Amazon EC2 Auto Scaling helps you maintain application availability and allows you to scale your Amazon EC2 capacity up or down automatically according to conditions you define. You can use Auto Scaling to help ensure that you are running your desired number of Amazon EC2 instances during demand spikes to maintain performance and decrease capacity during lulls to reduce costs.

Create Auto Scaling group

Create Spot Fleet

A Spot Instance is an unused EC2 instance that is available for less than the On-Demand price. Because Spot Instances enable you to request unused EC2 instances at steep discounts, you can lower your Amazon EC2 costs significantly. The hourly price for a Spot Instance (of each instance type in each Availability Zone) is set by Amazon EC2, and adjusted gradually based on the long-term supply of and demand for Spot Instances. Spot instances are well-suited for data-analysis, batch jobs, background processing, and optional tasks.

Create Spot Fleet

10. Now, the configuration of auto scaling is continued. Here newly created launch template is selected
In network section default VPC and all the subnets are selected

The screenshot shows the 'Choose Instance launch options' page in the AWS Management Console. The page is part of the 'Create Auto Scaling group' wizard, specifically Step 2. The left sidebar shows the progress of the steps: Step 1 (Choose launch template), Step 2 (Choose instance launch options), Step 3 (optional: Configure advanced options), Step 4 (optional: Configure group size and scaling), Step 5 (optional: Add notifications), Step 6 (optional: Add tags), and Step 7 (Review).

The main content area is titled 'Choose Instance launch options' and includes a sub-header 'Choose the VPC network environment that your instances are launched into, and customize the instance types and purchase options.' There is an 'Override launch template' button.

The 'Instance type requirements' section shows a table with columns: Launch template, Version, and Description. The table contains one entry: 'adv-autoscaling-template [2]', 'b-0bf071c2da675ca6', and 'adv-autoscaling-template'. Below this, the 'Instance type' is set to 't2.micro'.

The 'Network' section includes a sub-header 'Network' and a description: 'For most applications, you can use multiple Availability Zones and let EC2 Auto Scaling balance your instances across the zones. The default VPC and default subnets are suitable for getting started quickly.' It has a 'VPC' section with a dropdown menu showing 'vpc-011240c3c276d128' (172.31.0.0/16, Default) and a 'Create a VPC [2]' button. Below this is an 'Availability Zones and subnets' section with a dropdown menu showing 'Select Availability Zones and subnets' and a 'Create a subnet [2]' button. A list of subnets is displayed, each with a name, ID, and a close button (X):

- us-east-1a | subnet-06891d7e69c559d0 (172.31.0.0/16, Default)
- us-east-1b | subnet-0f4c3e0bba1361 (172.31.16.0/16, Default)
- us-east-1c | subnet-0c48c3f64cd72560 (172.31.32.0/16, Default)
- us-east-1d | subnet-0908c78fcd6d3c78a (172.31.48.0/16, Default)
- us-east-1e | subnet-0c16d93a11f55167 (172.31.64.0/16, Default)
- us-east-1f | subnet-0f850c3f4c3d8d0 (172.31.80.0/16, Default)

At the bottom of the page, there are four buttons: 'Cancel', 'Skip to review', 'Previous', and 'Next'.

11. Autoscaling group created:

EC2 > Auto Scaling groups > Create Auto Scaling group

Step 1
[Choose launch template](#)

Step 2
[Choose instance launch options](#)

Step 3 - optional
Configure advanced options

Step 4 - optional
[Configure group size and scaling](#)

Step 5 - optional
[Add notifications](#)

Step 6 - optional
[Add tags](#)

Step 7
[Review](#)

Configure advanced options - optional Info

Integrate your Auto Scaling group with other services to distribute network traffic across multiple servers using a load balancer or to establish service-to-service communications using VPC Lattice. You can also set options that give you more control over health check replacements and monitoring.

Load balancing Info

Use the options below to attach your Auto Scaling group to an existing load balancer, or to a new load balancer that you define.

☐ No load balancer
Traffic to your Auto Scaling group will not be fronted by a load balancer.

☒ Attach to an existing load balancer
Choose from your existing load balancers.

☐ Attach to a new load balancer
Quickly create a basic load balancer to attach to your Auto Scaling group.

Attach to an existing load balancer

Select the load balancers that you want to attach to your Auto Scaling group.

☒ Choose from your load balancer target groups
This option allows you to attach Application, Network, or Gateway Load Balancers.

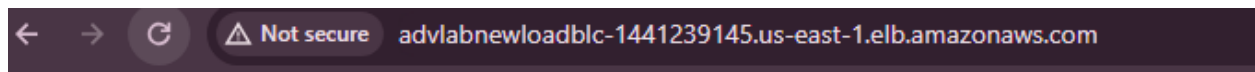
☐ Choose from Classic Load Balancers

Existing load balancer target groups
Only instance target groups that belong to the same VPC as your Auto Scaling group are available for selection.

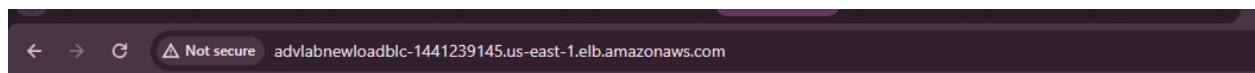
Select target groups

advlabnewtgtgrp | HTTP
Application Load Balancer: advlabnewloadblc

12. As we have defined 2 desired capacity, 2 EC2 instance of same target group is always maintained based on the created launch template. When DNS of load balancer is refreshed even for multiple 'mes the, it can be observed that EC2 instance is working



Hello from ip-172-31-19-85.ec2.internal



Hello from ip-172-31-21-71.ec2.internal

Part 2: Hosting a Static Portfolio Website on S3

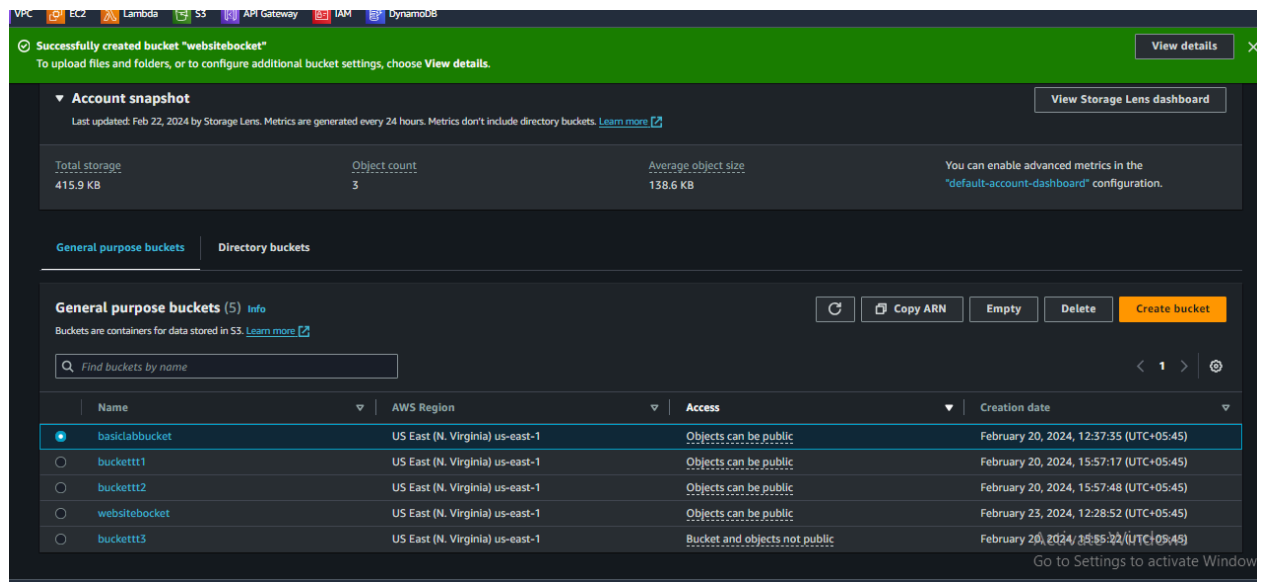
Objective: Learn to host a static website (such as a personal portfolio) on Amazon S3.

Approach:

1. **Create an S3 Bucket:** Start by creating a new S3 bucket. Configure the bucket for website hosting, which includes setting permissions to make the content publicly accessible.
2. **Upload Website Files:** Upload the static files of your portfolio website (HTML, CSS, JavaScript, images) to the S3 bucket.
3. **Configure DNS:** Use Amazon Route 53 or another DNS service to point a domain name to the S3 bucket. This makes the website accessible via a user-friendly URL.
4. **Enable Additional Features** (Optional): Implement features like HTTPS for secure access and CloudFront for content delivery optimization.

Goal: Students will understand how to use S3 for hosting static websites, manage bucket permissions, and integrate with other AWS services for a complete web hosting solution.

1. Create S3 bucket:



The screenshot displays the AWS Management Console interface. At the top, a green notification bar states "Successfully created bucket 'websitebucket'" with a "View details" link. Below this, the "Account snapshot" section shows metrics for the S3 service: Total storage (415.9 KB), Object count (3), and Average object size (138.6 KB). The "General purpose buckets" tab is selected, showing a list of buckets. The table below contains the following data:

Name	AWS Region	Access	Creation date
basiclabbucket	US East (N. Virginia) us-east-1	Objects can be public	February 20, 2024, 12:37:35 (UTC+05:45)
buckett1	US East (N. Virginia) us-east-1	Objects can be public	February 20, 2024, 15:57:17 (UTC+05:45)
buckett2	US East (N. Virginia) us-east-1	Objects can be public	February 20, 2024, 15:57:48 (UTC+05:45)
websitebucket	US East (N. Virginia) us-east-1	Objects can be public	February 23, 2024, 12:28:52 (UTC+05:45)
buckett3	US East (N. Virginia) us-east-1	Bucket and objects not public	February 20, 2024, 15:55:22 (UTC+05:45)

Amazon S3 > Buckets

▼ Account snapshot

Last updated: Feb 22, 2024 by Storage Lens. Metrics are generated every 24 hours. Metrics don't include directory buckets. [Learn more](#)

Total storage

415.9 KB

Object count

3

Average object size

138.6 KB

You can enable advanced metrics in the "default-account-dashboards" configuration.

View Storage Lens dashboard

General purpose buckets

Directory buckets

General purpose buckets (5) Info

Buckets are containers for data stored in S3. [Learn more](#)

Find buckets by name

Refresh

Copy ARN

Empty

Delete

Create bucket

	Name	AWS Region	Access	Creation date
<input type="radio"/>	basiclabbucket	US East (N. Virginia) us-east-1	Objects can be public	February 20, 2024, 12:37:35 (UTC+05:45)
<input type="radio"/>	buckettt1	US East (N. Virginia) us-east-1	Objects can be public	February 20, 2024, 15:57:17 (UTC+05:45)
<input type="radio"/>	buckettt2	US East (N. Virginia) us-east-1	Objects can be public	February 20, 2024, 15:57:48 (UTC+05:45)
<input checked="" type="radio"/>	websitebucket	US East (N. Virginia) us-east-1	Objects can be public	February 23, 2024, 12:28:52 (UTC+05:45)
<input type="radio"/>	buckettt3	US East (N. Virginia) us-east-1	Bucket and objects not public	February 20, 2024, 15:55:22 (UTC+05:45)

2. Upload index.html

Amazon S3 > Buckets > websitebucket > Upload

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 (1 Total, 387.0 B)

Remove

Add files

Add folder

All files and folders in this table will be uploaded.

Find by name

<input type="checkbox"/>	Name	Folder
<input type="checkbox"/>	index.html	-

Destination Info

Destination

s3://websitebucket

► Destination details

3. Edit bucket policy

Successfully edited bucket policy.

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 all your S3 buckets and 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 your buckets or objects within, you can customize the individual settings below to suit your specific storage use cases. [Learn more](#)

Block all public access

OFF

► Individual Block Public Access settings for this bucket

Bucket policy Edit Delete

The bucket policy, written in JSON, provides access to the objects stored in the bucket. Bucket policies don't apply to objects owned by other accounts. [Learn more](#)

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "PublicReadGetObject",
      "Effect": "Allow",
      "Principal": "*",
      "Action": "s3:GetObject",
      "Resource": "arn:aws:s3:::websitebucket/*"
    }
  ]
}
```

Copy

Activate Windows
Go to Settings to activate Windows

4. Edit static web hosting:

Amazon S3 > Buckets > websitebucket > Edit static website hosting

Edit static website hosting Info

Static website hosting
Use this bucket to host a website or redirect requests. [Learn more](#)

Static website hosting

☐ Disable

☒ Enable

Hosting type

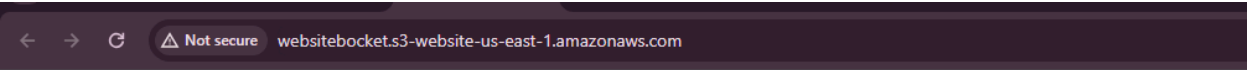
☒ Host a static website
Use the bucket endpoint as the web address. [Learn more](#)

☐ Redirect requests for an object
Redirect requests to another bucket or domain. [Learn more](#)

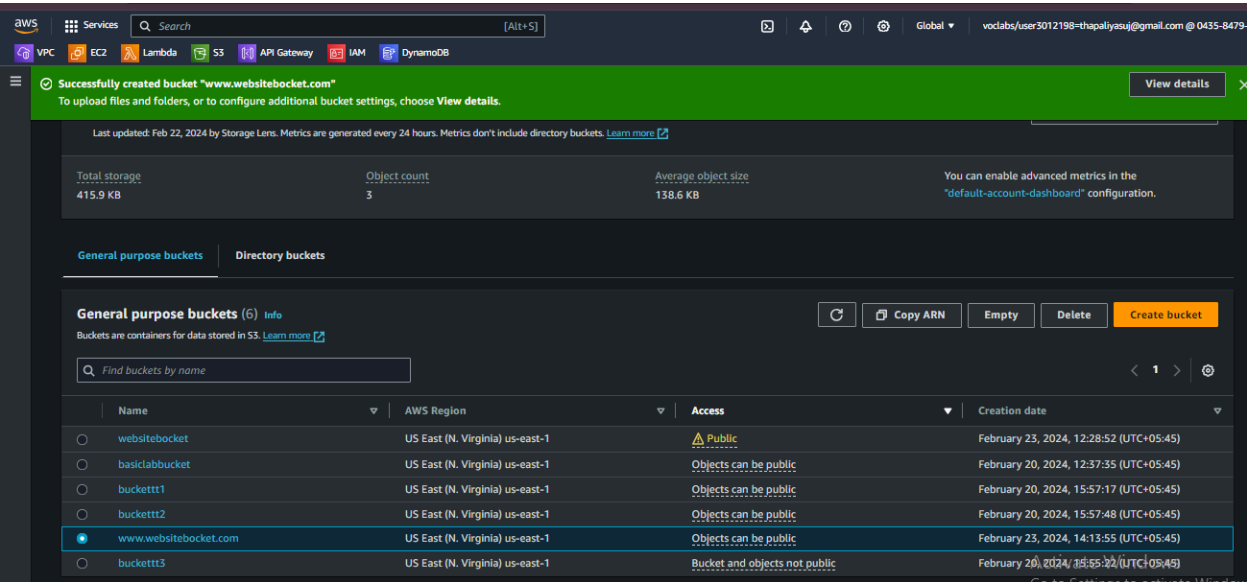
Index document
Specify the home or default page of the website.

Error document = optional

Info For your customers to access content at the website endpoint, you must make all your content publicly readable. To do so, you can edit the S3 Block Public Access settings for the bucket. For more information, see [Using Amazon S3 Block Public Access](#)



This is a simple **HTML + CSS** template!



Edit static website hosting [Info](#)

Static website hosting

Use this bucket to host a website or redirect requests. [Learn more](#) [↗](#)

Static website hosting

- ☐ Disable
- ☒ Enable

Hosting type

- ☐ Host a static website
Use the bucket endpoint as the web address. [Learn more](#) [↗](#)
- ☒ Redirect requests for an object
Redirect requests to another bucket or domain. [Learn more](#) [↗](#)

Host name

Target bucket website address or personal domain

Protocol - *Optional*

- ☐ none
- ☒ http
- ☐ https

Cancel

Save changes

[Route 53](#) > [Hosted zones](#) > [Create hosted zone](#)

Create hosted zone [Info](#)

Hosted zone configuration

A hosted zone is a container that holds information about how you want to route traffic for a domain, such as example.com, and its subdomains.

Domain name [Info](#)

This is the name of the domain that you want to route traffic for.

websitebucket

Valid characters: a-z, 0-9, ! " # \$ % & ' () * + , - / : ; < = > ? @ [\] ^ _ ` { | } . ~

Description - optional [Info](#)

This value lets you distinguish hosted zones that have the same name.

used for our static website

The description can have up to 256 characters. 29/256

Type [Info](#)

The type indicates whether you want to route traffic on the Internet or in an Amazon VPC.

☒ Public hosted zone

A public hosted zone determines how traffic is routed on the Internet.

☐ Private hosted zone

A private hosted zone determines how traffic is routed within an Amazon VPC.

Tags [Info](#)

websitebucket.com was successfully created.
Now you can create records in the hosted zone to specify how you want Route 53 to route traffic for your domain.

[Route 53](#) > [Hosted zones](#) > websitebucket.com

Public websitebucket.com [Info](#)

Delete zoneTest recordConfigure query logging

Hosted zone details

Edit hosted zone

Records (2)DNSSEC signingHosted zone tags (0)

Records (2) [Info](#)

Automatic mode is the current search behavior optimized for best filter results. To change modes go to settings.

Filter records by property or value

TypeRouting pol...Alias

< 1 >

<input type="checkbox"/>	Record name	Type	Routin...	Differ...	Alias	Value/Route traffic to	TTL (s...	Health ...	Evalua...	Rec...
<input type="checkbox"/>	websitebucket.com	NS	Simple	-	No	ns-537.awsdns-03.net, ns-1549.awsdns-01.co.uk, ns-1351.awsdns-40.org, ns-216.awsdns-27.com.	172800	-	-	-
<input type="checkbox"/>	websitebucket.com	SOA	Simple	-	No	ns-537.awsdns-03.net. awsd...	900	-	-	-

Record creation method

Create record [Info](#)

Quick create record

[Switch to wizard](#)

Record 1

Delete

Record name [Info](#)

www. .websitebucket.com

Record type [Info](#)

A – Routes traffic to an IPv4 address and some AWS resources

Keep blank to create a record for the root domain.

☒ Alias

Route traffic to [Info](#)

Alias to S3 website endpoint

US East (N. Virginia)

Q s3-website-us-east-1.amazonaws.com

Routing policy [Info](#)

Simple routing

Evaluate target health

☒ Yes

Add another record

Activate Windows
Go to Settings to activate