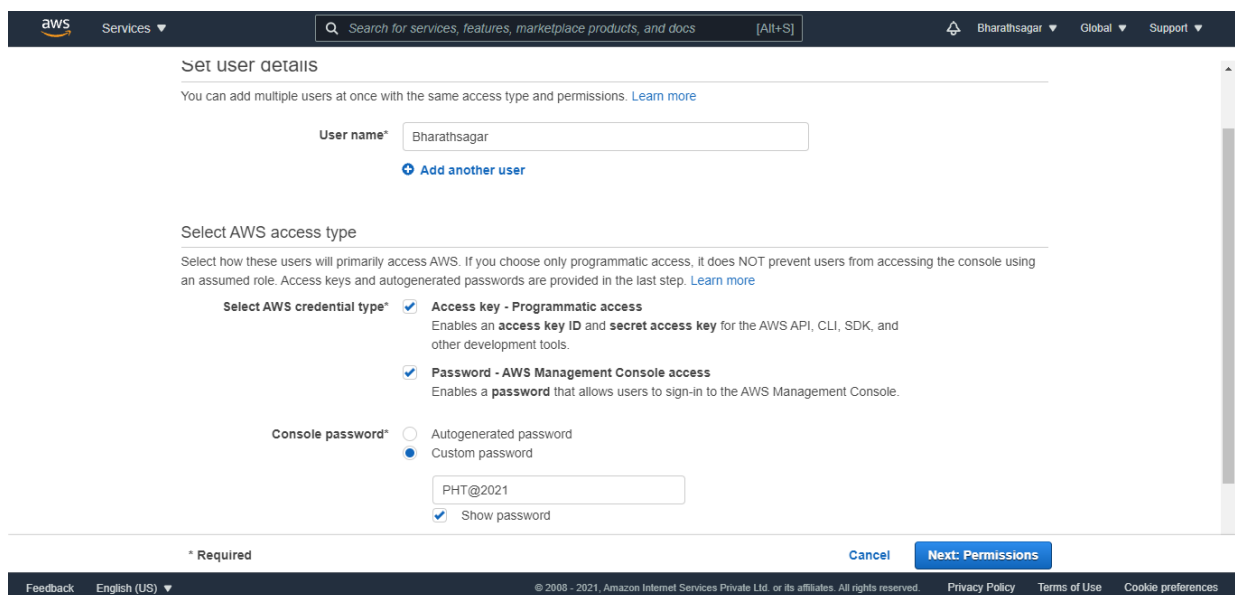
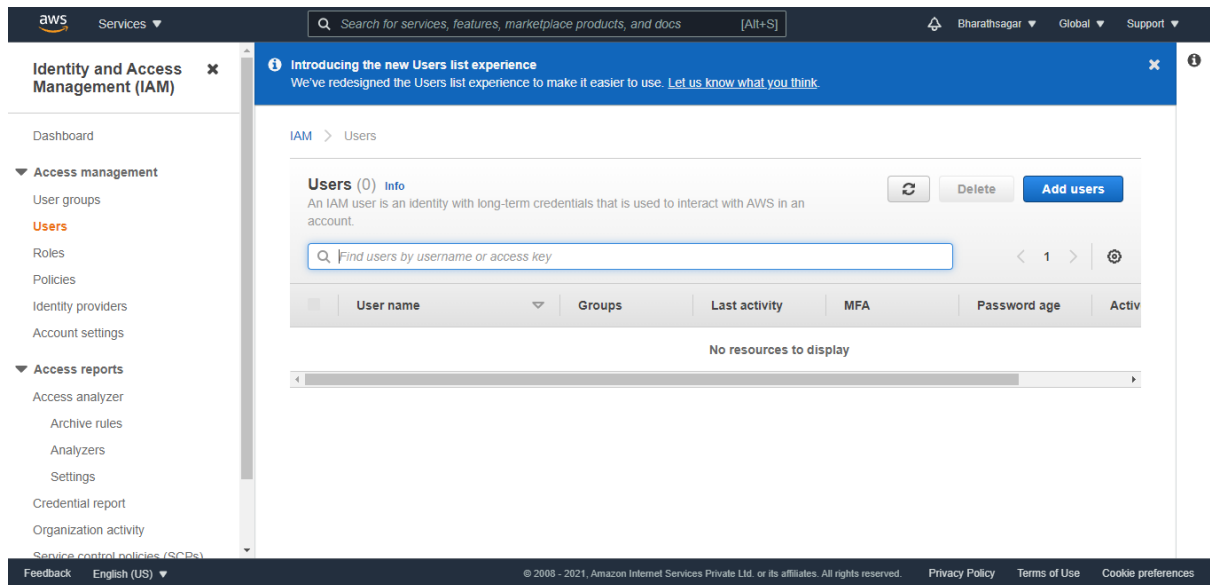


Assignment – 1

Working with IAM

01. Create a user



aws

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REVIEW

Review your choices. After you create the user, you can view and download the autogenerated password and access key.

User details

User name

Bharathsagar

AWS access type

Programmatic access and AWS Management Console access

Console password type

Custom

Require password reset

Yes

Permissions boundary

Permissions boundary is not set

Permissions summary

The following policies will be attached to the user shown above.

Type	Name
Managed policy	AmazonS3FullAccess
Managed policy	IAMUserChangePassword

Tags

Cancel

Previous

Create user

Feedback

English (US)

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Support

Add user

1

2

3

4

5

Success

You successfully created the users shown below. You can view and download user security credentials. You can also email users instructions for signing in to the AWS Management Console. This is the last time these credentials will be available to download. However, you can create new credentials at any time.

Users with AWS Management Console access can sign-in at: <https://139121164334.signin.aws.amazon.com/console>

Download .csv

	User	Access key ID	Secret access key	Email login instructions
▶	✓ Bharathsagar	AKIASAZCEQAXDYOMUDYZ	***** Show	Send email

Close

Feedback

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02. Login as the IAM User



Sign in

☐ **Root user**

Account owner that performs tasks requiring unrestricted access. [Learn more](#)

☒ **IAM user**

User within an account that performs daily tasks. [Learn more](#)

Account ID (12 digits) or account alias

139121164334

☒ Remember this account

Next

By continuing, you agree to the [AWS Customer Agreement](#) or other agreement for AWS services, and the [Privacy Notice](#). This site uses essential cookies. See our [Cookie Notice](#) for more information.

— New to AWS? —



You must change your password to continue

AWS account 139121164334

IAM user name BharathsagarN

Old password

New password

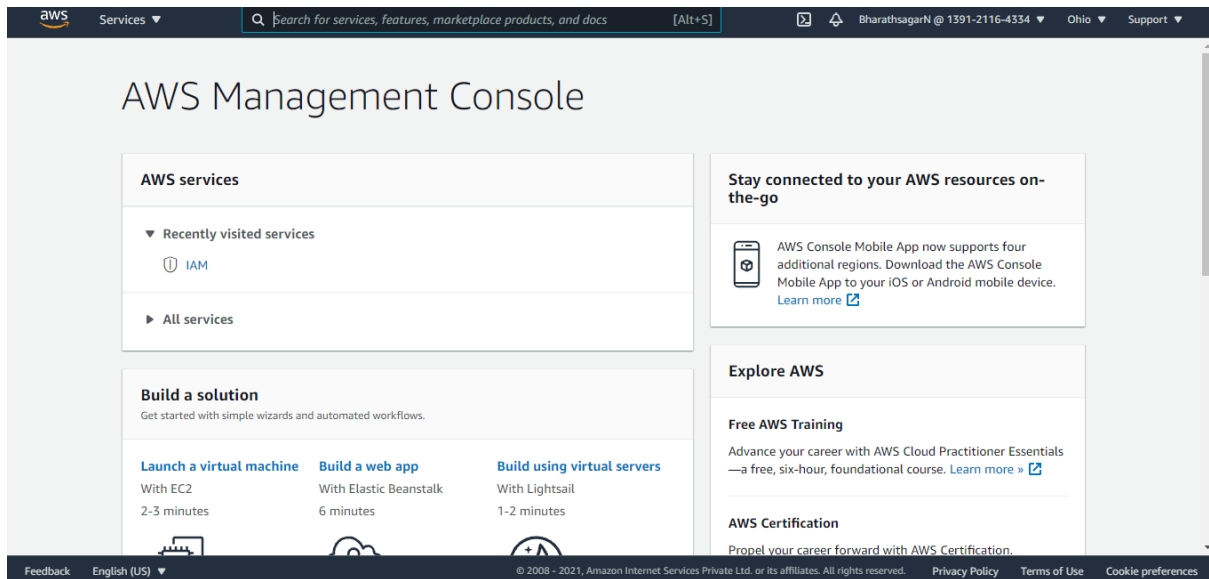
Retype new password

Confirm password change

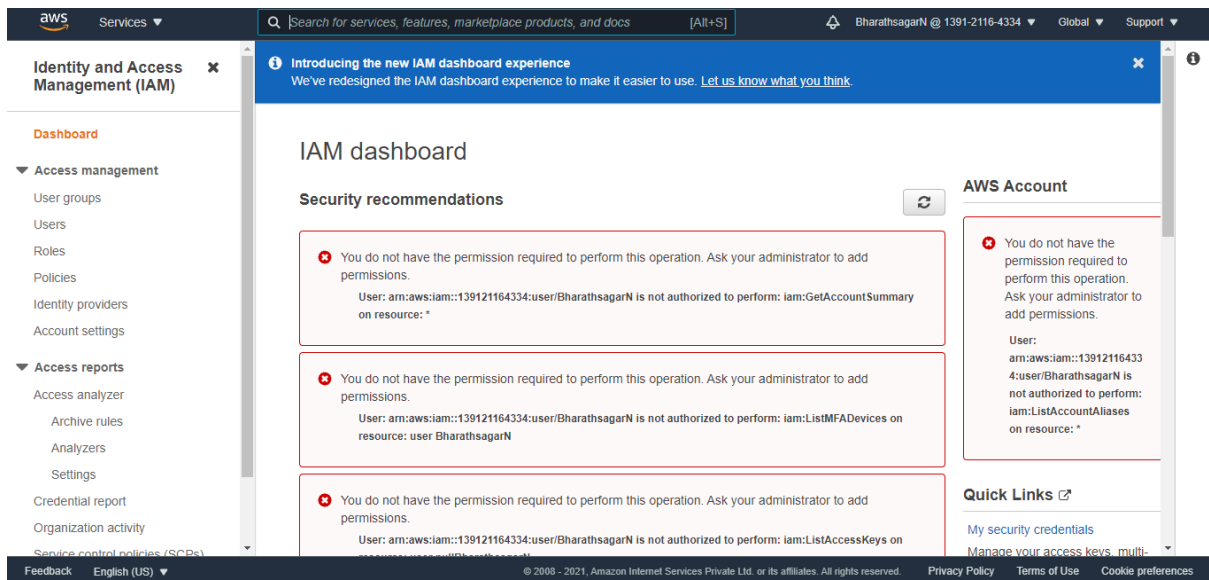
[Sign in using root user email](#)

English

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03. IAM Permission:



Assignment – 2

Resources EC2 Global view Refresh Settings

You are using the following Amazon EC2 resources in the US East (Ohio) Region:

Instances (running)	0	Dedicated Hosts	0
Elastic IPs	0	Instances	0
Key pairs	0	Load balancers	0
Placement groups	0	Security groups	1
Snapshots	0	Volumes	0

Launch instance
To get started, launch an Amazon EC2 instance, which is a virtual server in the cloud.

Account attributes

Supported platforms

- VPC

Default VPC
vpc-7cb7c217

Settings

- EBS encryption
- Zones
- EC2 Serial Console
- Default credit specification
- Console experiments

Explore AWS

Get Up to 40% Better Price Performance
T4g instances deliver the best price performance for many workloads.

Step 1: Choose an Amazon Machine Image (AMI) Cancel and Exit

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. You can select an AMI provided by AWS, our user community, or the AWS Marketplace; or you can select one of your own AMIs.

Search for an AMI by entering a search term e.g. "Windows"

Search by Systems Manager parameter

Quick Start 1 to 44 of 44 AMIs

My AMIs

AWS Marketplace

Community AMIs

☒ Free tier only

Amazon Linux 2 AMI (HVM), SSD Volume Type - ami-00dfe2c7ce89a450b (64-bit x86) / ami-031dea1a744251b51 (64-bit Arm) Select

Amazon Linux 2 comes with five years support. It provides Linux kernel 4.14 tuned for optimal performance on Amazon EC2, systemd 219, GCC 7.3, Glibc 2.26, Binutils 2.29.1, and the latest software packages through extras. This AMI is the successor of the Amazon Linux AMI that is approaching end of life on December 31, 2020 and has been removed from this wizard.

Root device type: ebs Virtualization type: hvm ENA Enabled: Yes

macOS Big Sur 11.6 - ami-02e801fdc189297e0 Select

The macOS Big Sur AMI is an EBS-backed, AWS-supported image. This AMI includes the AWS Command Line Interface, Command Line Tools for Xcode, Amazon SSM Agent, and Homebrew. The AWS Homebrew Tan includes the latest versions of multiple AWS packages included in the

Step 2: Choose an Instance Type

Amazon EC2 provides a wide selection of instance types optimized to fit different use cases. Instances are virtual servers that can run applications. They have varying combinations of CPU, memory, storage, and networking capacity, and give you the flexibility to choose the appropriate mix of resources for your applications. [Learn more](#) about instance types and how they can meet your computing needs.

Filter by: All instance families Current generation Show/Hide Columns

Currently selected: t2.micro (- ECUs, 1 vCPUs, 2.5 GHz, -, 1 GiB memory, EBS only)

	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance	IPv6 Support
<input type="checkbox"/>	t2	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
<input checked="" type="checkbox"/>	t2	t2.micro Free tier eligible	1	1	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.small	1	2	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.medium	2	4	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.large	2	8	EBS only	-	Low to Moderate	Yes

Cancel Previous Review and Launch Next: Configure Instance Details

aws

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Global

Support

1. Choose AMI

2. Choose Instance Type

3. Configure Instance

4. Add Storage

5. Add Tags

6. Configure Security Group

7. Review

Step 3: Configure Instance Details

Capacity Reservation

Open

Domain join directory

No directory

Create new directory

IAM role

None

Create new IAM role

Shutdown behavior

Stop

Stop - Hibernate behavior

☐ Enable hibernation as an additional stop behavior

Enable termination protection

☒ Protect against accidental termination

Monitoring

☒ Enable CloudWatch detailed monitoring

Additional charges apply.

Tenancy

Shared - Run a shared hardware instance

Additional charges will apply for dedicated tenancy.

Elastic Inference

☐ Add an Elastic Inference accelerator

Additional charges apply.

Cancel

Previous

Review and Launch

Next: Add Storage

Feedback

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Support

1. Choose AMI

2. Choose Instance Type

3. Configure Instance

4. Add Storage

5. Add Tags

6. Configure Security Group

7. Review

Step 4: Add Storage

Your instance will be launched with the following storage device settings. You can attach additional EBS volumes and instance store volumes to your instance, or edit the settings of the root volume. You can also attach additional EBS volumes after launching an instance, but not instance store volumes. [Learn more](#) about storage options in Amazon EC2.

Volume Type	Device	Snapshot	Size (GiB)	Volume Type	IOPS	Throughput (MB/s)	Delete on Termination	Encryption
Root	/dev/xvda	snap-0350fa19a1ac7579d	8	General Purpose SSD (gp2)	100 / 3000	N/A	<input checked="" type="checkbox"/>	Not Encrypted
EBS	/dev/sdb	Search (case-insensit)	8	General Purpose SSD (gp2)	100 / 3000	N/A	<input type="checkbox"/>	Not Encrypted

Add New Volume

Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage. [Learn more](#) about free usage tier eligibility and usage restrictions.

Cancel

Previous

Review and Launch

Next: Add Tags

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1. Choose AMI

2. Choose Instance Type

3. Configure Instance

4. Add Storage

5. Add Tags

6. Configure Security Group

7. Review

Step 5: Add Tags

A tag consists of a case-sensitive key-value pair. For example, you could define a tag with key = Name and value = Webserver. A copy of a tag can be applied to volumes, instances or both. Tags will be applied to all instances and volumes. [Learn more](#) about tagging your Amazon EC2 resources.

Key	Value	Instances	Volumes	Network Interfaces
Ec2Instance Creator		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Add another tag (Up to 50 tags maximum)

Cancel

Previous

Review and Launch

Next: Configure Security Group

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1. Choose AMI

2. Choose Instance Type

3. Configure Instance

4. Add Storage

5. Add Tags

6. Configure Security Group

7. Review

Step 6: Configure Security Group

A security group is a set of firewall rules that control the traffic for your instance. On this page, you can add rules to allow specific traffic to reach your instance. For example, if you want to set up a web server and allow Internet traffic to reach your instance, add rules that allow unrestricted access to the HTTP and HTTPS ports. You can create a new security group or select from an existing one below. [Learn more](#) about Amazon EC2 security groups.

Assign a security group: ☒ Create a new security group
☐ Select an existing security group

Security group name:

Description:

Type	Protocol	Port Range	Source	Description
HTTP	TCP	80	Custom 0.0.0.0/0	e.g. SSH for Admin Desktop

Warning

You will not be able to connect to this instance as the AMI requires port(s) 22 to be open in order to have access. Your current security group doesn't have port(s) 22 open.

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Support

1. Choose AMI

2. Choose Instance Type

3. Configure Instance

4. Add Storage

5. Add Tags

6. Configure Security Group

7. Review

Step 7: Review Instance Launch

Please review your instance launch details. You can go back to edit changes for each section. Click **Launch** to assign a key pair to your instance and complete the launch process.

AMI Details

Amazon Linux 2 AMI (HVM), SSD Volume Type - ami-00dfe2c7ce89a450b

Free tier eligible

Amazon Linux 2 comes with five years support. It provides Linux kernel 4.14 tuned for optimal performance on Amazon EC2, systemd 219, GCC 7.3, Glibc 2.26, Binutils 2.29.1, and the latest software packages through extras. This AMI is the successor of the Amazon Linux AMI that is a...

Root Device Type: ebs Virtualization type: hvm

Instance Type

Instance Type	ECUs	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance
t2.micro	-	1	1	EBS only	-	Low to Moderate

Security Groups

Security group name	launch-wizard-1
---------------------	-----------------

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1. Choose AMI

2. Choose Instance Type

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7. Review

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Instance Type	ECUs	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance
t2.micro	-	1	1	EBS only	-	Low to Moderate

Security Groups

Security group name	launch-wizard-1
---------------------	-----------------

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Select an existing key pair or create a new key pair

A key pair consists of a **public key** that AWS stores, and a **private key file** that you store. Together, they allow you to connect to your instance securely. For Windows AMIs, the private key file is required to obtain the password used to log into your instance. For Linux AMIs, the private key file allows you to securely SSH into your instance. Amazon EC2 supports ED25519 and RSA key pair types.

Note: The selected key pair will be added to the set of keys authorized for this instance. Learn more about [removing existing key pairs from a public AMI](#).

Create a new key pair

Key pair type
☒ RSA ☐ ED25519

Key pair name

Ec2Instance

You have to download the **private key file** (*.pem file) before you can continue. **Store it in a secure and accessible location.** You will not be able to download the file again after it's created.

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Support

Launch Status

✓

Your instances are now launching
The following instance launches have been initiated: [i-05dbe86b567ec1e3b](#) [View launch log](#)

ℹ

Get notified of estimated charges
Create billing alerts to get an email notification when estimated charges on your AWS bill exceed an amount you define (for example, if you exceed the free usage tier).

How to connect to your instances

Your instances are launching, and it may take a few minutes until they are in the **running** state, when they will be ready for you to use. Usage hours on your new instances will start immediately and continue to accrue until you stop or terminate your instances.

Click **View Instances** to monitor your instances' status. Once your instances are in the **running** state, you can **connect** to them from the Instances screen. [Find out](#) how to connect to your instances.

▼ Here are some helpful resources to get you started

- How to connect to your Linux instance
- Amazon EC2: User Guide
- Learn about AWS Free Usage Tier
- Amazon EC2: Discussion Forum

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Support

New EC2 Experience
Tell us what you think

EC2 Dashboard

EC2 Global View

Events

Tags

Limits

▼ Instances

Instances **New**

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances **New**

Dedicated Hosts

Capacity Reservations

▼ Images

Instances (1) Info

Refresh

Connect

Instance state

Actions

Launch instances

Filter instances

< 1 >

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
<input type="checkbox"/>	-	i-05dbe86b567ec1e3b	Running	t2.micro	2/2 checks passed	No alarms	us-east-2b

Select an instance above

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Support

EC2 > Instances > i-05dbe86b567ec1e3b > Connect to instance

Connect to instance Info

Connect to your instance i-05dbe86b567ec1e3b using any of these options

EC2 Instance Connect

Session Manager

SSH client

EC2 Serial Console

Instance ID

i-05dbe86b567ec1e3b

Public IP address

3.143.110.227

User name

ec2-user

Connect using a custom user name, or use the default user name ec2-user for the AMI used to launch the instance.

ℹ

Note: In most cases, the guessed user name is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI user name.

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```
https://aws.amazon.com/amazon-linux-2/
11 package(s) needed for security, out of 35 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-23-223 ~]$ sudo yum update
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core | 3.7 kB 00:00:00
Resolving Dependencies
--> Running transaction check
--> Package curl.x86_64 0:7.76.1-4.amzn2.0.1 will be updated
--> Package curl.x86_64 0:7.76.1-7.amzn2.0.2 will be an update
--> Package device-mapper.x86_64 7:1.02.146-4.amzn2.0.2 will be updated
--> Package device-mapper.x86_64 7:1.02.170-6.amzn2.5 will be an update
--> Package device-mapper-event.x86_64 7:1.02.146-4.amzn2.0.2 will be updated
--> Package device-mapper-event.x86_64 7:1.02.170-6.amzn2.5 will be an update
--> Package device-mapper-event-libs.x86_64 7:1.02.146-4.amzn2.0.2 will be updated
--> Package device-mapper-event-libs.x86_64 7:1.02.170-6.amzn2.5 will be an update
--> Package device-mapper-libs.x86_64 7:1.02.146-4.amzn2.0.2 will be updated
--> Package device-mapper-libs.x86_64 7:1.02.170-6.amzn2.5 will be an update
--> Package glibc.x86_64 0:2.26-48.amzn2 will be updated
--> Package glibc.x86_64 0:2.26-54.amzn2 will be an update
--> Package glibc-all-langpacks.x86_64 0:2.26-48.amzn2 will be updated
--> Package glibc-all-langpacks.x86_64 0:2.26-54.amzn2 will be an update
--> Package glibc-common.x86_64 0:2.26-48.amzn2 will be updated
```

i-05dbe86b567ec1e3b

Public IPs: 3.143.110.227 Private IPs: 172.31.23.223

```
grub2-tools.x86_64 1:2.06-2.amzn2.0.6 grub2-tools-efi.x86_64 1:2.06-2.amzn2.0.6
grub2-tools-extra.x86_64 1:2.06-2.amzn2.0.6 grub2-tools-minimal.x86_64 1:2.06-2.amzn2.0.6
kernel.x86_64 0:4.14.246-187.474.amzn2

Updated:
curl.x86_64 0:7.76.1-7.amzn2.0.2 device-mapper.x86_64 7:1.02.170-6.amzn2.5
device-mapper-event.x86_64 7:1.02.170-6.amzn2.5 device-mapper-event-libs.x86_64 7:1.02.170-6.amzn2.5
device-mapper-libs.x86_64 7:1.02.170-6.amzn2.5 glibc.x86_64 0:2.26-54.amzn2
glibc-all-langpacks.x86_64 0:2.26-54.amzn2 glibc-common.x86_64 0:2.26-54.amzn2
glibc-locale-source.x86_64 0:2.26-54.amzn2 glibc-minimal-langpack.x86_64 0:2.26-54.amzn2
grub2-common.noarch 1:2.06-2.amzn2.0.6 grub2-efi-x64-ec2.x86_64 1:2.06-2.amzn2.0.6
grub2-pc-modules.noarch 1:2.06-2.amzn2.0.6 kernel-tools.x86_64 0:4.14.246-187.474.amzn2
libblkid.x86_64 0:2.30.2-2.amzn2.0.5 libcrypt.x86_64 0:2.26-54.amzn2
libcurl.x86_64 0:7.76.1-7.amzn2.0.2 libfdisk.x86_64 0:2.30.2-2.amzn2.0.5
libmount.x86_64 0:2.30.2-2.amzn2.0.5 libsmartcols.x86_64 0:2.30.2-2.amzn2.0.5
libuuid.x86_64 0:2.30.2-2.amzn2.0.5 lvm2.x86_64 7:2.02.187-6.amzn2.5
lvm2-libs.x86_64 7:2.02.187-6.amzn2.5 openldap.x86_64 0:2.4.44-23.amzn2.0.2
systemd.x86_64 0:219-78.amzn2.0.15 systemd-libs.x86_64 0:219-78.amzn2.0.15
systemd-sysv.x86_64 0:219-78.amzn2.0.15 util-linux.x86_64 0:2.30.2-2.amzn2.0.5

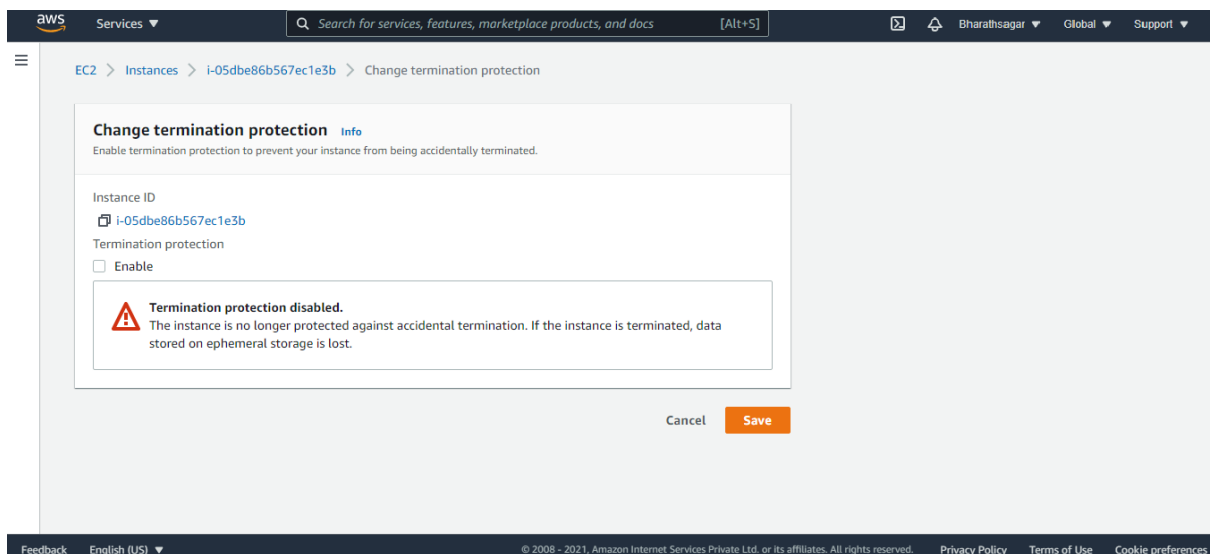
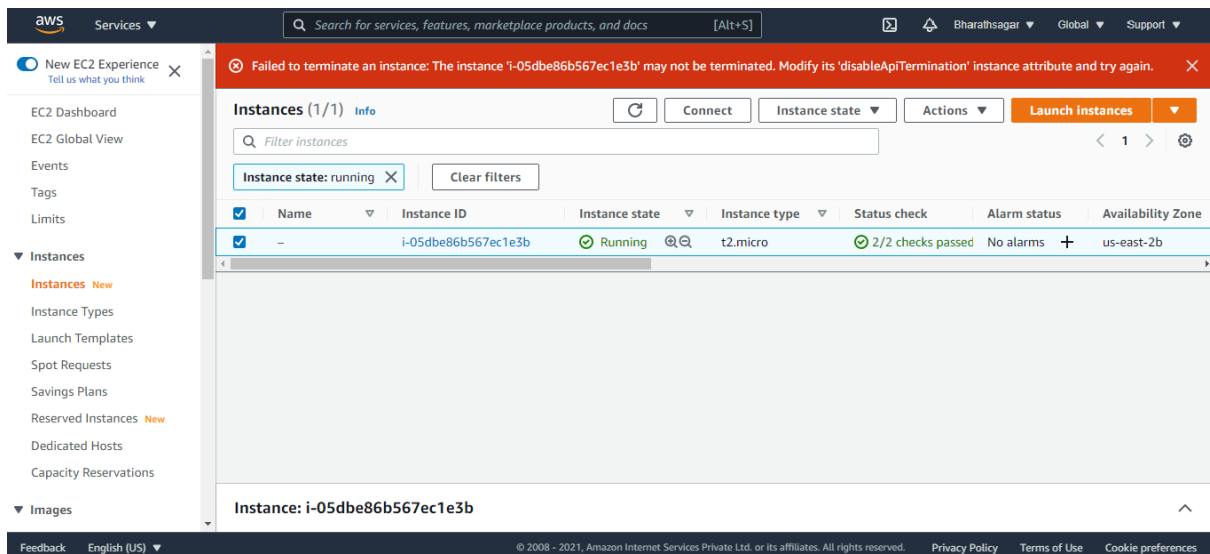
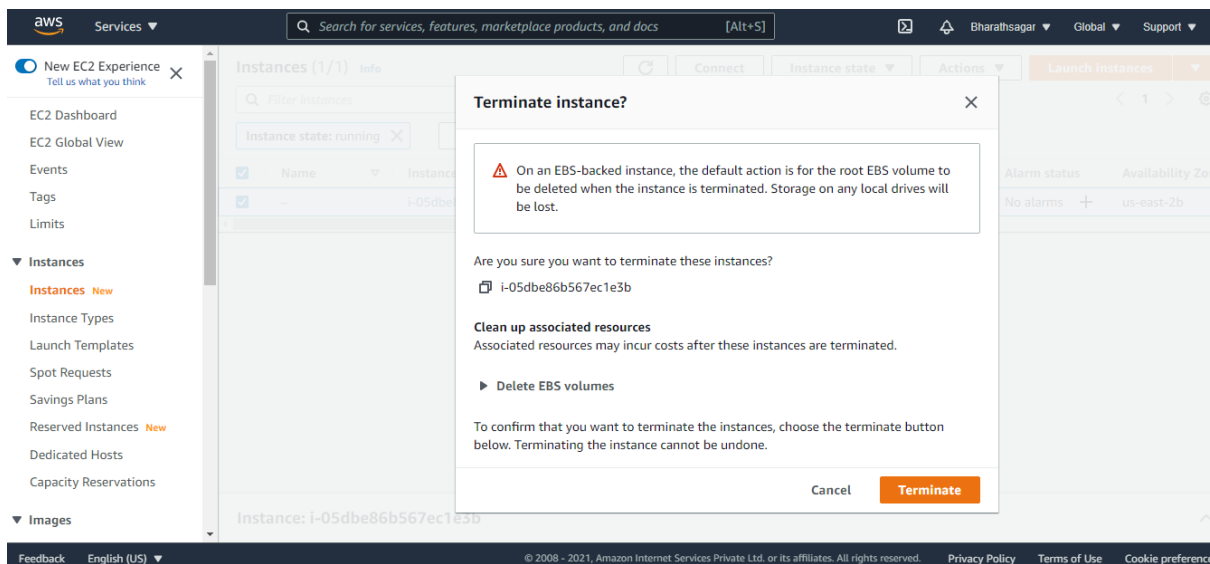
Replaced:
grub2.x86_64 1:2.06-2.amzn2.0.3 grub2-tools.x86_64 1:2.06-2.amzn2.0.3

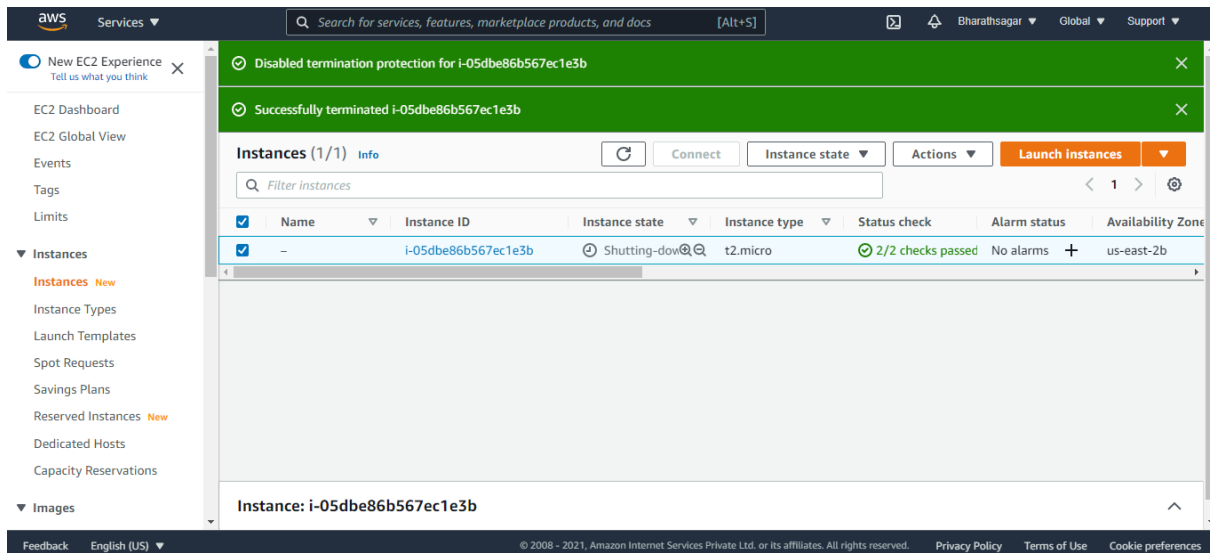
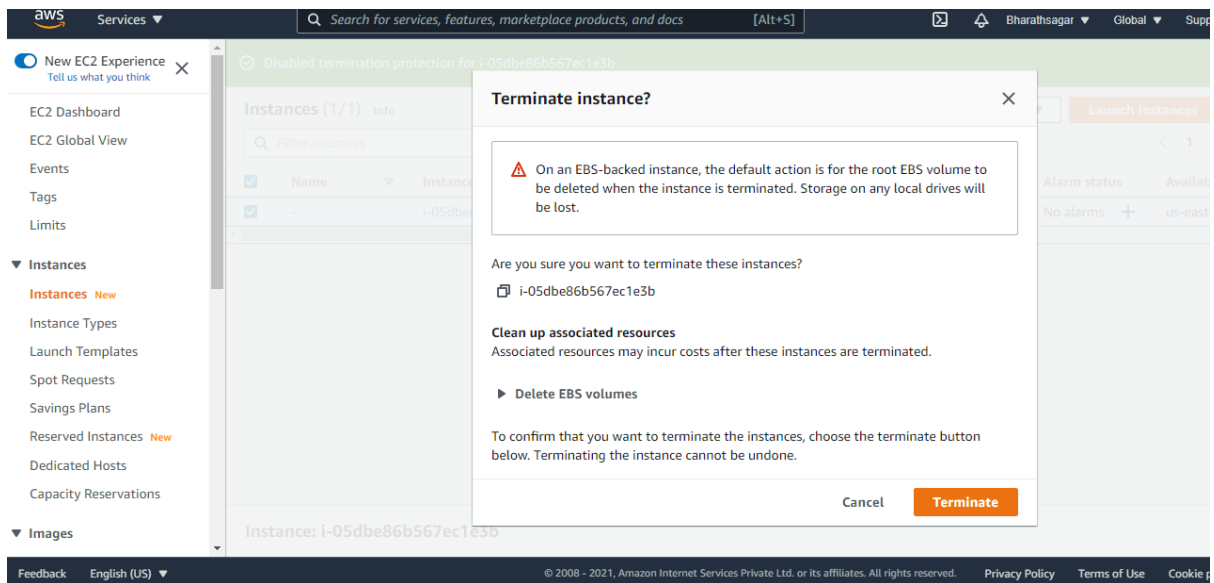
Complete!
[ec2-user@ip-172-31-23-223 ~]$
```

i-05dbe86b567ec1e3b

Public IPs: 3.143.110.227 Private IPs: 172.31.23.223

The screenshot shows the AWS Management Console interface. At the top, there's a search bar and navigation links. The main content area is titled 'Resources' and shows a list of EC2 resources in the US East (Ohio) Region. A notification banner at the bottom of the resources section reads: ' Easily size, configure, and deploy Microsoft SQL Server Always On availability groups on AWS using the AWS Launch Wizard for SQL Server. Learn more'. The left sidebar contains a navigation menu with options like 'EC2 Dashboard', 'EC2 Global View', 'Events', 'Tags', 'Limits', 'Instances', 'Instance Types', 'Launch Templates', 'Spot Requests', 'Savings Plans', 'Reserved Instances', 'Dedicated Hosts', 'Capacity Reservations', and 'Images'. The right sidebar shows 'Account attributes' and 'Explore AWS' sections.





Assignment – 3

aws

Services

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Global

Support

Volumes > Create Volume

Create Volume

Volume Type

General Purpose SSD (gp2)

Size (GiB)

200

(Min: 1 GiB, Max: 16384 GiB)

IOPS

600 / 3000

(Baseline of 3 IOPS per GiB with a minimum of 100 IOPS, burstable to 3000 IOPS)

Throughput (MB/s)

Not applicable

Availability Zone*

us-east-2a

Snapshot ID

snap-00ba40842278bd93a

Fast Snapshot Restore

Not enabled

Feedback

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Support

Volumes > Create Volume

Create Volume

✓ Volume created successfully

Volume ID [vol-0520c9e737fc5e68f](#)

Close

Feedback

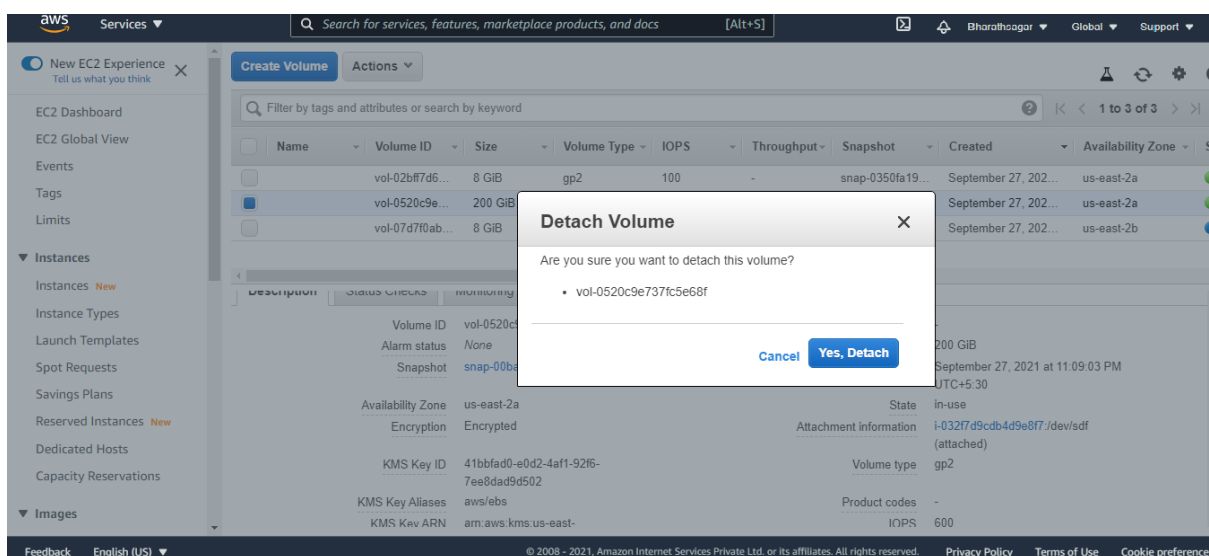
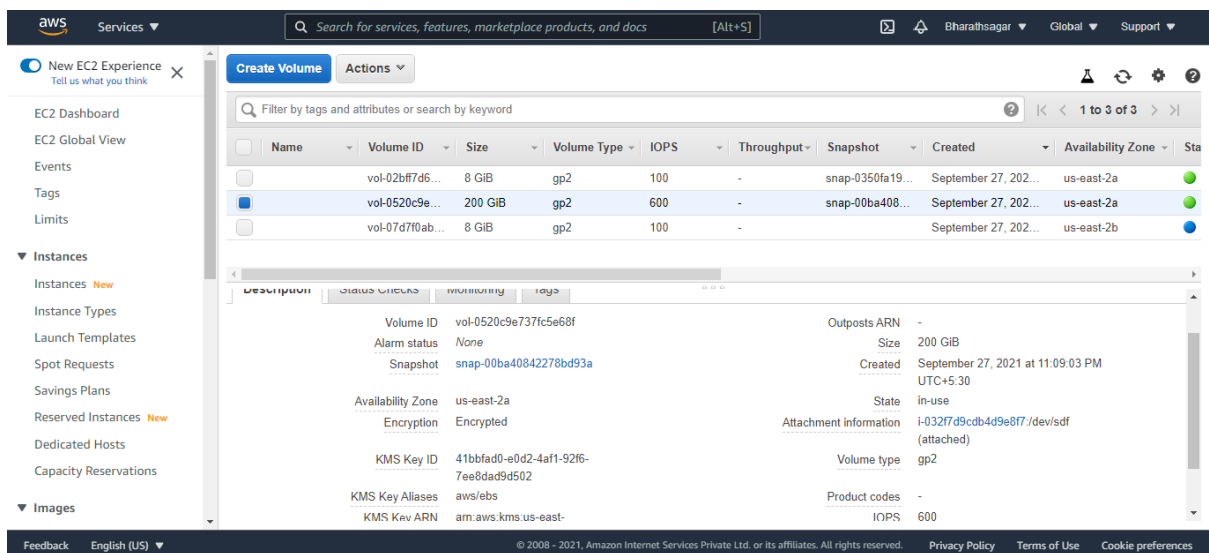
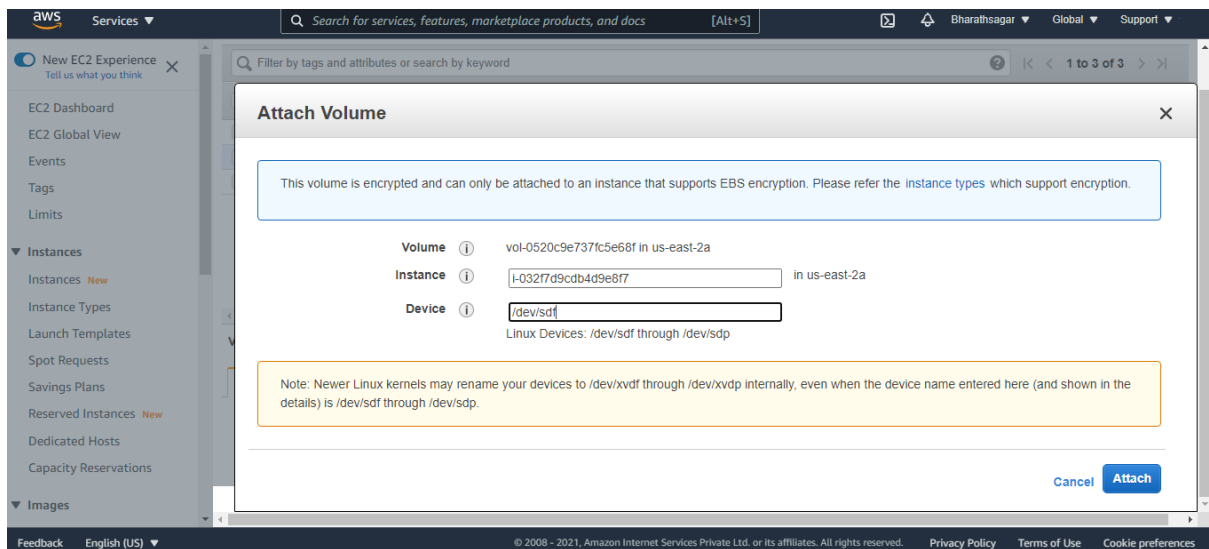
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Support

New EC2 Experience

EC2 Dashboard

EC2 Global View

Events

Tags

Limits

Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

Images

Create Volume

Actions

Filter by tags and attributes or search by keyword

	Name	Volume ID	Size	Volume Type	IOPS	Throughput	Snapshot	Created	Availability Zone	State
<input type="checkbox"/>		vol-02bf7d6...	8 GiB	gp2	100	-	snap-0350fa19...	September 27, 202...	us-east-2a	in-use
<input checked="" type="checkbox"/>		vol-0520c9e...	200 GiB	gp2	600	-	snap-00ba408...	September 27, 202...	us-east-2a	available
<input type="checkbox"/>		vol-07d7f0ab...	8 GiB	gp2	100	-		September 27, 202...	us-east-2b	available

Description

Status Checks

Monitoring

Tags

Volume ID

Alarm status

Snapshot

Availability Zone

Encryption

KMS Key ID

KMS Key ARN

Outposts ARN

Size

Created

State

Attachment Information

Volume type

Product codes

IOPS

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Capacity Reservations

Images

Create Volume

Actions

Filter by tags and attributes or search by keyword

	Name	Volume ID	Size	Volume Type	IOPS	Throughput	Snapshot	Created	Availability Zone	State
<input type="checkbox"/>		vol-02bf7d6...	8 GiB	gp2	100	-	snap-0350fa19...	September 27, 202...	us-east-2a	in-use
<input checked="" type="checkbox"/>		vol-0520c9e...	200 GiB	gp2	600	-	snap-00ba408...	September 27, 202...	us-east-2a	available
<input type="checkbox"/>		vol-07d7f0ab...	8 GiB	gp2	100	-		September 27, 202...	us-east-2b	available

Description

Status Checks

Monitoring

Tags

Volume ID

Alarm status

Snapshot

Availability Zone

Encryption

KMS Key ID

KMS Key ARN

Outposts ARN

Size

Created

State

Attachment Information

Volume type

Product codes

IOPS

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Delete Volume

Are you sure you want to delete this volume?

- vol-0520c9e737fc5e68f

Cancel

Yes, Delete

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Images

Create Volume

Actions

Filter by tags and attributes or search by keyword

	Name	Volume ID	Size	Volume Type	IOPS	Throughput	Snapshot	Created	Availability Zone	State
<input type="checkbox"/>		vol-02bf7d6...	8 GiB	gp2	100	-	snap-0350fa19...	September 27, 202...	us-east-2a	in-use
<input type="checkbox"/>		vol-07d7f0ab...	8 GiB	gp2	100	-		September 27, 202...	us-east-2b	available

Select a volume above

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Assignment – 4

The screenshot shows the AWS Elastic Beanstalk console. The left sidebar contains a navigation menu with 'Elastic Beanstalk' selected, and sub-items like 'Environments', 'Applications', and 'Change history'. The main content area displays the 'Select environment tier' dialog for the 'PHP Sample Application'. The dialog explains that Amazon Elastic Beanstalk has two types of environment tiers: 'Web server environment' (selected) and 'Worker environment'. The 'Web server environment' is described as running a website, web application, or web API that serves HTTP requests. The 'Worker environment' is described as running a worker application that processes long-running workloads on demand or performs tasks on a schedule. At the bottom of the dialog are 'Cancel' and 'Select' buttons.

Elastic Beanstalk ×

Environments
Applications
Change history

▼ PHP Sample Application
Application versions
Saved configurations

▼ Recent environments
Phpsampleapplication-env

Elastic Beanstalk > Applications > PHP Sample Application

Select environment tier

Amazon Elastic Beanstalk has two types of environment tiers to support different types of web applications. Web servers are standard applications that listen for and then process HTTP requests, typically over port 80. Workers are specialized applications that have a background processing task that listens for messages on an Amazon SQS queue. Worker applications post those messages to your application by using HTTP.

☒ **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](#)

Cancel **Select**

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The screenshot shows the AWS Elastic Beanstalk console. The left sidebar contains a navigation menu with 'Elastic Beanstalk' selected, and sub-items like 'Environments', 'Applications', and 'Change history'. The main content area displays the 'Environment information' form for the 'PHP Sample Application'. The form asks for the application name, environment name, domain, and description. The 'Application name' field is pre-filled with 'PHP Sample Application'. The 'Environment name' field is pre-filled with 'Phpsampleapplication-env-1'. The 'Domain' field is pre-filled with '.us-east-2.elasticbeanstalk.'. There is a 'Check availability' button next to the domain field. The 'Description' field is empty. At the bottom of the form are 'Cancel' and 'Create' buttons.

Elastic Beanstalk ×

Environments
Applications
Change history

▼ PHP Sample Application
Application versions
Saved configurations

▼ Recent environments
Phpsampleapplication-env

Elastic Beanstalk > Applications > PHP Sample Application

Environment information

Choose the name, subdomain, and description for your environment. These cannot be changed later.

Application name
PHP Sample Application

Environment name
Phpsampleapplication-env-1

Domain
Leave blank for autogenerated value .us-east-2.elasticbeanstalk.
[Check availability](#)

Description

Cancel **Create**

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Environments

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Change history

▼ PHP Sample Application

Application versions

Saved configurations

► Phpsampleapplication-env-1

▼ Recent environments

Phpsampleapplication-env

Elastic Beanstalk > Environments > Phpsampleapplication-env-1

Creating Phpsampleapplication-env-1

This will take a few minutes.

11:45pm

Using elasticbeanstalk-us-east-2-388352157980 as Amazon S3 storage bucket for environment data.

11:45pm

createEnvironment is starting.

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Environments

Applications

Change history

▼ PHP Sample Application

Application versions

Saved configurations

► Phpsampleapplication-env-1

▼ Recent environments

Phpsampleapplication-env

Elastic Beanstalk > Environments > Phpsampleapplication-env-1

Creating Phpsampleapplication-env-1

This will take a few minutes. ..

11:45pm

Created security group named:
awseb-e-fcbsbwdf-stack-AWSEBSecurityGroup-15CZEBVY8D1P8

11:45pm

Created security group named:
sg-0beda6503bc7cb711

11:45pm

Created target group named:
arn:aws:elasticloadbalancing:us-east-2:388352157980:targetgroup/awseb-AWSEB-T9ZU2QKKVAAN/c4f8c4cbbac6415d

11:45pm

Environment health has transitioned to Pending. Initialization in progress (running for 1 second). There are no instances.

11:45pm

Using elasticbeanstalk-us-east-2-388352157980 as Amazon S3 storage bucket for environment data.

11:45pm

createEnvironment is starting.

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▼ Phpsampleapplication-env-1

Go to environment

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Alarms

Developer Guide.

Phpsampleapplication-env-1

Phpsampleapplication-env-1.eba-mf4yccq4.us-east-2.elasticbeanstalk.com

Application name: PHP Sample Application

Refresh

Actions

Health

Ok

Causes

Running version

Sample Application

Upload and deploy

Platform

Python 3.8 running on 64bit Amazon Linux 2/3.3.5

Change

Recent events

Show all

Feedback

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Congratulations

Your first AWS Elastic Beanstalk Python Application is now running on your own dedicated environment in the AWS Cloud

This environment is launched with Elastic Beanstalk Python Platform

What's Next?

[AWS Elastic Beanstalk overview](#)

[AWS Elastic Beanstalk concepts](#)

[Deploy a Django Application to AWS Elastic Beanstalk](#)

[Deploy a Flask Application to AWS Elastic Beanstalk](#)

[Customizing and Configuring a Python Container](#)

[Working with Logs](#)

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Elastic Beanstalk

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Change history

▼ PHP Sample Application

Application versions

Saved configurations

▼ Recent environments

Phpsampleapplication-env

Phpsampleapplication-env-1

Elastic Beanstalk > Applications > PHP Sample Application > Application versions

Info

The deployment to Phpsampleapplication-env started successfully. See the events page.

Application versions

Actions

Settings

Upload

Refresh

☒

Version label

☒

Sample Application

Date created

2021-09-27T23:35:00+05:30

Source

Sample Application

Deployed to

Phpsampleapplication-env, Phpsampleapplication-env-1

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PHP Sample Application

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Phpsampleapplication-env

Go to environment

Configuration

Logs

Health

Monitoring

Alarms

Elastic Beanstalk > Environments > Phpsampleapplication-env > Events

Events

SeverityTRACE

Time

Type

Details

2021-09-27 23:53:49 UTC+0530

INFO

Environment health has transitioned from Ok to Info. Application update in progress on 1 instance. 0 out of 1 instance completed (running for 6 seconds).

2021-09-27 23:53:26 UTC+0530

INFO

Environment update completed successfully.

2021-09-27 23:53:26 UTC+0530

INFO

New application version was deployed to running EC2 instances.

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Elastic Beanstalk

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Recent environments

Phpsampleapplication-env

Phpsampleapplication-env-1

Elastic Beanstalk > Applications

Info

The deployment to Phpsampleapplication-env started successfully. See the events page.

All applications

Actions

Create a new application

Filter results matching the display values

Application name

Environments

Date created

Last modified

ARN

PHP Sample Application

Phpsampleapplication-env

2021-09-27 23:34:55 UTC+0530

2021-09-27 23:34:55 UTC+0530

arn:aws:elasticbeanstalk:us-east-2:388352157980:application/PHP Sample Application

PHP Sample Application01

Phpsampleapplication01-env

2021-09-27 23:43:14 UTC+0530

2021-09-27 23:43:14 UTC+0530

arn:aws:elasticbeanstalk:us-east-2:388352157980:application/PHP Sample Application01

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Compute

Amazon Elastic Beanstalk

End-to-end web application management.

Get started

Easily deploy your web application in minutes.

Create Application

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.

How it works

You simply upload your code and Elastic Beanstalk automatically handles the deployment, from capacity provisioning, load balancing, and automatic scaling to web application health monitoring, with ongoing

Pricing

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

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Change history

Elastic Beanstalk > Getting started

Create a web app

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

Application information

Application name

PHP Sample Application

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

Application tags

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

Key

Value

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Elastic Beanstalk

Environments

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Change history

Elastic Beanstalk > Environments > Phpsampleapplication-env

Creating Phpsampleapplication-env

This will take a few minutes. .

11:35pm Using elasticbeanstalk-us-east-2-388352157980 as Amazon S3 storage bucket for environment data.

11:35pm createEnvironment is starting.

▼ PHP Sample Application

Application versions

Saved configurations

► Phpsampleapplication-env

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Change history

▼ PHP Sample Application

Application versions

Saved configurations

► Phpsampleapplication-env

Creating Phpsampleapplication-env

This will take a few minutes. ...

AWSEBAutoScalingGroup-1IWJZB2GN5WRS:policyName/awseb-e-waaudfghb4-stack-AWSEBAutoScalingScaleDownPolicy-1TLT13AZR89E2

11:37pm Created Auto Scaling group policy named: arn:aws:autoscaling:us-east-2:388352157980:scalingPolicy:baf109a1-02e9-4934-aa4a-57ce264b6586:autoScalingGroupName/awseb-e-waaudfghb4-stack-AWSEBAutoScalingGroup-1IWJZB2GN5WRS:policyName/awseb-e-waaudfghb4-stack-AWSEBAutoScalingScaleUpPolicy-TEN5OQDQYEX04

11:36pm Waiting for EC2 instances to launch. This may take a few minutes.

11:36pm Created Auto Scaling group named: awseb-e-waaudfghb4-stack-AWSEBAutoScalingGroup-1IWJZB2GN5WRS

11:35pm Environment health has transitioned to Pending. Initialization in progress (running for 6 seconds). There are no instances.

11:35pm Created security group named: awseb-e-waaudfghb4-stack-AWSEBSecurityGroup-7L0MHJNHWTIU

11:35pm Created security group named: sg-0b9b15796e0e71305

11:35pm Created target group named: arn:aws:elasticloadbalancing:us-east-2:388352157980:targetgroup/awseb-AWSEB-1NT3VELM63KKU/627e1c7102b0f1a7

11:35pm Using elasticbeanstalk-us-east-2-388352157980 as Amazon S3 storage bucket for environment data.

11:35pm createEnvironment is starting.

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▼ Phpsampleapplication-env

Go to environment

Configuration

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Health

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Alarms

On September, 2021, we are enabling this option by default for all new environments(no impact on existing environments)

If you are using a custom instance profile instead of a managed policy, your environment might show the No Data health status. This happens because the instances aren't authorized for the action that communicates enhanced health data to the service. To authorize the action, add permission to your instance profile according to [Enhanced health authorization](#) in the *Amazon Elastic Beanstalk Developer Guide*.

Phpsampleapplication-env

Phpsampleapplication-env.eba-mf4yccq4.us-east-2.elasticbeanstalk.com (e-waaudfghb4)

Application name: PHP Sample Application

Refresh

Actions

Health

Ok

Causes

Running version

Sample Application

Upload and deploy

Platform

php

PHP 8.0 running on 64bit Amazon Linux 2/3.3.5

Change

Feedback

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Congratulations!

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

You are running PHP version 8.0.8

This environment is launched with Elastic Beanstalk PHP Platform

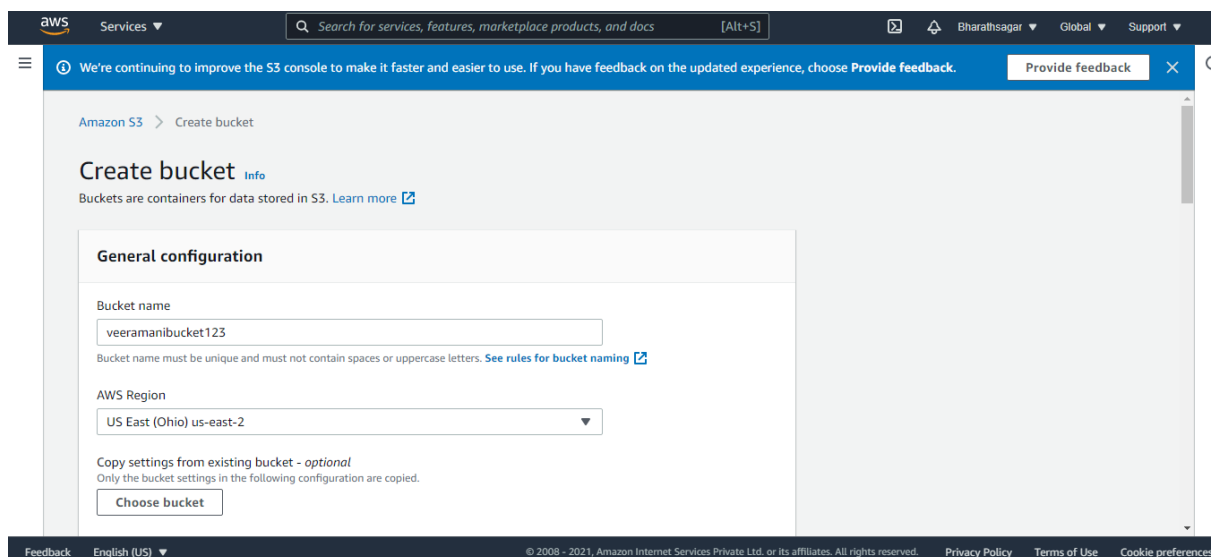
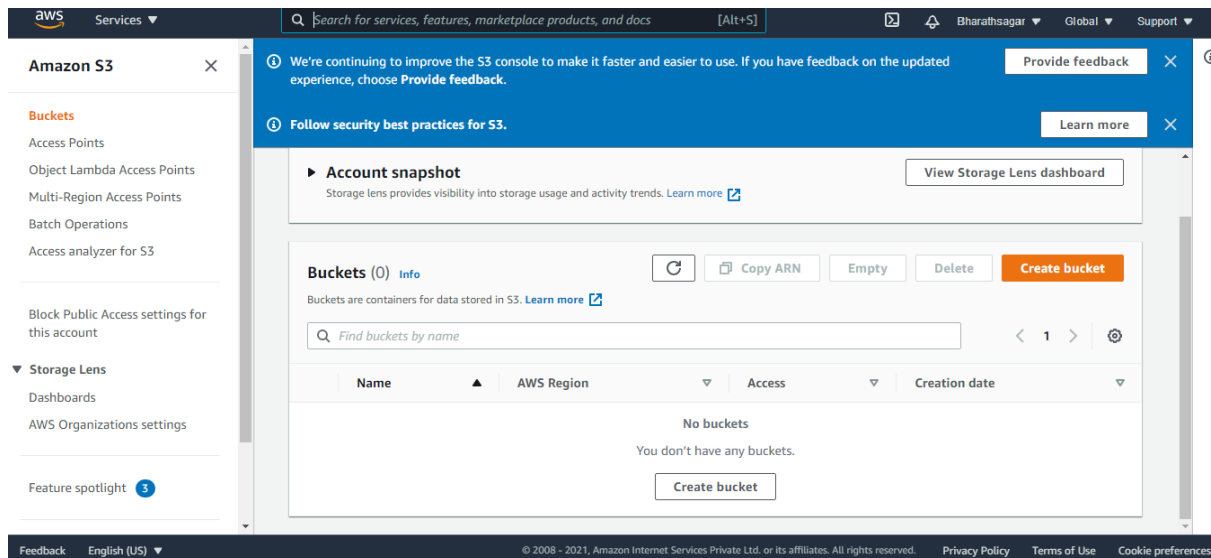
What's Next?

- [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](#)

Assignment – 5



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Buckets

Access Points

Object Lambda Access Points

Multi-Region Access Points

Batch Operations

Access analyzer for S3

Block Public Access settings for this account

Storage Lens

Dashboards

AWS Organizations settings

Feature spotlight 3

We're continuing to improve the S3 console to make it faster and easier to use. If you have feedback on the updated experience, choose **Provide feedback**.

Successfully created bucket "veeramanibucket123"
To upload files and folders, or to configure additional bucket settings choose **View details**.

Follow security best practices for S3. **Learn more**

Account snapshot

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

View Storage Lens dashboard

Buckets (1) Info

Refresh

Copy ARN

Empty

Delete

Create bucket

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

Find buckets by name

< 1 > ⚙

Name	AWS Region	Access	Creation date
veeramanibucket123	US East (Ohio) us-east-2	Objects can be public	September 27, 2021, 23:22:59 (UTC+05:30)