

Output-

The screenshot shows a web browser window titled "PG FSD Testing in a DevOps Lifecycle". The URL is <https://lms.simplilearn.com/courses/4033/PG-FSD-Testing-in-a-DevOps-Lifecycle/practice-labs>. The page header includes navigation icons (Back, Forward, Home, Stop, Refresh) and a search bar. It also displays course completion status: "1 Class completed | 93% Self-Learning Videos Watched | 0/2 Projects Done". On the right side, there are "HELP" and "NOTES" buttons.

The main content area is titled "Current Lab : AWS Certification - Dedicated Account". It features tabs for "Access Information", "Lab Details", "Components", "Log Details", and "Usage Details". Under "Access Information", there are two sections: "AWS Web Console" and "AWS API Access", each with an "Amazon Web Services" logo. Below these, the "Auth Url" is listed as <https://signin.aws.amazon.com/federate>, accompanied by a refresh icon.

A "Session Expires in: 7h 59m 11s" message is displayed with a refresh link below it. To the right, a sidebar titled "AWS Certification - Dedicated Account" provides details: Category: Cloud Computing, Start Date: 2021-09-19 19:25, End Date: 2021-09-27 08:59, and Code: SLAWS. A descriptive text block explains that AWS offers a suite of cloud-computing services. At the bottom right, there is a red "TERMINATE LAB ACCESS" button and a "Terms & Conditions" link. The footer of the page includes the text "Powered by CORESTACK".

AWS Management Console

AWS services

▼ Recently visited services
Your recently visited AWS services appear here.

▶ All services

Build a solution

Get started with simple wizards and automated workflows.

Launch a virtual machine
With EC2
2-3 minutes

Build a web app
With Elastic Beanstalk
6 minutes

Build using virtual servers
With Lightsail
1-2 minutes

Register a domain
With Route 53
3 minutes

Connect an IoT device
With AWS IoT
5 minutes

Start migrating to AWS
With AWS MGN
1-2 minutes

▶ See more

Getting Started with AWS

Learn the fundamentals of AWS and get started with AWS services. [Get Started](#)

Stay connected to your AWS resources on-the-go

AWS Console Mobile App now supports four additional regions. Download the AWS Console Mobile App to your iOS or Android mobile device. [Learn more](#)

Explore AWS

AWS Certification
 Propel your career forward with AWS Certification. [Learn more](#)

Free AWS Training
Advance your career with AWS Cloud Practitioner Essentials—a free, six-hour, foundational course. [Learn more](#)

AWS Certification
Explore the resources available to help you prepare for your AWS Certification. [Learn more](#)

AWS Certification
Get a complete overview of all things AWS Certification in this free e-book. [Learn more](#)

Have feedback?

Practice Labs AWS Services Search for services, features, marketplace products, and docs [Alt+S] Corestack_Role/mailalakev_gmail @ 7799-2173-1516 N. Virginia Support

https://console.aws.amazon.com/ec2/v2/home?region=us-east-1#LaunchInstanceWizard:

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review Cancel and Exit

Step 1: Choose an Amazon Machine Image (AMI)

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

1 to 44 of 44 AMIs

Quick Start

My AMIs

Amazon Linux 2 AMI (HVM), SSD Volume Type - ami-087c17d1fe0178315 (64-bit x86) / ami-029c64b3c205e6cce (64-bit Arm)
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
Select 64-bit (x86) 64-bit (Arm)

macOS Big Sur 11.6 - ami-0355f1ed5537c0368
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 Tap includes the latest versions of multiple AWS packages included in the AMI.
Root device type: ebs Virtualization type: hvm ENA Enabled: Yes
Select 64-bit (Mac)

macOS Catalina 10.15.7 - ami-0ae0b6d49088fc747
The macOS Catalina 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 Tap includes the latest versions of multiple AWS packages included in the AMI.
Root device type: ebs Virtualization type: hvm ENA Enabled: Yes
Select 64-bit (Mac)

macOS Mojave 10.14.6 - ami-07279d867534aacb6
The macOS Mojave 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 Tap includes the latest versions of multiple AWS packages included in the AMI.
Root device type: ebs Virtualization type: hvm ENA Enabled: Yes
Select 64-bit (Mac)

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
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
t2	t2.small	1	2	EBS only	-	Low to Moderate	Yes
t2	t2.medium	2	4	EBS only	-	Low to Moderate	Yes
t2	t2.large	2	8	EBS only	-	Low to Moderate	Yes
t2	t2.xlarge	4	16	EBS only	-	Moderate	Yes
t2	t2.2xlarge	8	32	EBS only	-	Moderate	Yes
t3	t3.nano	2	0.5	EBS only	Yes	Up to 5 Gigabit	Yes
t3	t3.micro	2	1	EBS only	Yes	Up to 5 Gigabit	Yes
t3	t3.small	2	2	EBS only	Yes	Up to 5 Gigabit	Yes

Cancel Previous Review and Launch Next: Configure Instance Details

Step 3: Configure Instance Details

Configure the instance to suit your requirements. You can launch multiple instances from the same AMI, request Spot instances to take advantage of the lower pricing, assign an access management role to the instance, and more.

Number of Instances: 1 Launch into Auto Scaling Group

Purchasing option: Request Spot instances

Network: vpc-0df264bc367f1fec2 (default) Create new VPC

Subnet: No preference (default subnet in any Availability Zone) Create new subnet

Auto-assign Public IP: Use subnet setting (Enable)

Placement group: Add instance to placement group

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

Cancel Previous Review and Launch Next: Add Storage

<https://console.aws.amazon.com/ec2/v2/home?region=us-east-1#LaunchInstanceWizard>

aws Services Search for services, features, marketplace products, and docs [Alt+S] Corestack_Role/mailalakev_gmail@7799-2173-1516 N. Virginia 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-0699a041095ac5492	8	General Purpose SSD (gp2)	100 / 3000	N/A	<input checked="" 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

Feedback English (US) © 2008 - 2021, Amazon Web Services, Inc. or its affiliates. All rights reserved. Privacy Policy Terms of Use Cookie preferences

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	(128 characters maximum)	Value	(256 characters maximum)	Instances	Volumes	Network Interfaces
<i>This resource currently has no tags</i>						

Choose the Add tag button or click to add a Name tag. Make sure your IAM policy includes permissions to create tags.

Add Tag (Up to 50 tags maximum)

Cancel Previous Review and Launch Next: Configure Security Group

Feedback English (US) © 2008 - 2021, Amazon Web Services, Inc. or its affiliates. All rights reserved. Privacy Policy Terms of Use Cookie preferences

<https://console.aws.amazon.com/ec2/v2/home?region=us-east-1#LaunchInstanceWizard>

Services ▾ [Alt+S] Corestack_Role/mailalakev_gmail @ 7799-2173-1516 N. Virginia Support ▾

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
SSH	TCP	22	Custom 0.0.0.0/0	e.g. SSH for Admin Desktop
HTTP	TCP	80	Custom 0.0.0.0/0	e.g. SSH for Admin Desktop
HTTP	TCP	80	Custom ::/0	e.g. SSH for Admin Desktop

Add Rule

⚠ Warning
Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.

Feedback English (US) ▾ © 2008 - 2021, Amazon Web Services, Inc. or its affiliates. All rights reserved. Privacy Policy Terms of Use Cookie preferences

Services ▾ [Alt+S] Corestack_Role/mailalakev_gmail @ 7799-2173-1516 N. Virginia 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

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
Description: launch-wizard-1 created 2021-09-26T14:37:03.423-05:00

Type	Protocol	Port Range	Source	Description
SSH	TCP	22	0.0.0.0/0	
HTTP	TCP	80	0.0.0.0/0	
HTTP	TCP	80	::/0	

Instance Details

Storage

Volume Type	Device	Snapshot	Size (GiB)	Volume Type	IOPS	Throughput (MB/s)	Delete on Termination	Encrypted
Root	/dev/xvda	snap-0699a041095ac5492	8	gp2	100 / 3000	N/A	Yes	Not Encrypted

Tags

Cancel Previous Launch

Feedback English (US) ▾ © 2008 - 2021, Amazon Web Services, Inc. or its affiliates. All rights reserved. Privacy Policy Terms of Use Cookie preferences

Screenshot of the AWS CloudFormation Step 7: Review Instance Launch page. The 'Configure Security Group' step is selected.

Instance Type: t2.micro

Security Groups:

- Security group name: launch-wizard-1
- Description: launch-wizard-1
- Type: SSH, HTTP, HTTPS

Storage:

- Volume Type: Root
- Device: /dev/xvda
- Snapshot ID: snap-069

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 dropdown is open, showing:

- RSA
- ED25519

Key pair name: phase5_aws_project

Download Key Pair button

Launch Instances button

Screenshot of the AWS CloudFormation Step 7: Review Instance Launch page. The 'Configure Security Group' step is selected.

Instance Type: t2.micro

Security Groups:

- Security group name: launch-wizard-1
- Description: launch-wizard-1
- Type: SSH, HTTP, HTTPS

Storage:

- Volume Type: Root
- Device: /dev/xvda
- Snapshot ID: snap-069

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 dropdown is open, showing:

- RSA
- ED25519

Key pair name: phase5_aws_project

Download Key Pair button

Launch Instances button

File Explorer: A red arrow points from the 'phase5_aws_project.pem' file in the 'aws' folder of the File Explorer to the 'Download Key Pair' button.

Screenshot of the AWS CloudWatch Metrics console showing a metric named "LaunchStatus" with a value of 1. The chart shows a single data point at time 0.

Launch Status

Your instances are now launching

The following instance launches have been initiated: i-03151d5c74c30423b [View launch log](#)

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
- Learn about AWS Free Usage Tier
- Amazon EC2: User Guide
- Amazon EC2: Discussion Forum

While your instances are launching you can also

- Create status check alarms to be notified when these instances fail status checks. (Additional charges may apply)
- Create and attach additional EBS volumes (Additional charges may apply)
- Manage security groups

[View Instances](#)

Screenshot of the AWS CloudWatch Metrics console showing a metric named "LaunchStatus" with a value of 1. The chart shows a single data point at time 0.

Launch Status



Initiating Instance Launches

Please do not close your browser while this is loading

Creating security groups... Successful

Authorizing inbound rules... Successful

Initiating launches...

Screenshot of the AWS CloudWatch Metrics console showing a metric named "LaunchStatus" with a value of 1. The chart shows a single data point at time 0.

Screenshot of the AWS EC2 Instances page showing a single running instance (t2.micro) in us-east-1d.

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS	Public IPv4 IP
-	i-03151d5c74c30423b	Running	t2.micro	Initializing	No alarms	us-east-1d	ec2-54-235-5-192.com...	54.235.5.192

Select an instance above

Amazon S3

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

AWS Marketplace for S3

Buckets (0) Info

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

Name	AWS Region	Access	Creation date
No buckets			

You don't have any buckets.

Create bucket

Feedback English (US) ▾

© 2008 - 2021, Amazon Web Services, Inc. or its affiliates. All rights reserved. [Privacy Policy](#) [Terms of Use](#) [Cookie preferences](#)

Show all ×

<https://s3.console.aws.amazon.com/s3/bucket/create?region=us-east-1>

Create bucket

Buckets are containers that you use to store data in Amazon S3. You can upload any number of objects to a bucket.

When you create a bucket, you enter the bucket name and choose the AWS Region. After you create the bucket, you can't change the name or Region. Bucket ownership is not transferrable.

Configure your bucket properties and permissions. You can copy settings from an existing bucket or configure settings for your bucket.

General configuration

Bucket name
myawsbucket

AWS Region
US East (N. Virginia) us-east-1

Copy settings from existing bucket - optional
Only the bucket settings in the following configuration are copied.
[Choose bucket](#)

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)

Learn more
[Creating a bucket](#)
[Buckets overview](#)
[Restrictions and limitations](#)

Feedback English (US) ▾ **Show all**

<https://s3.console.aws.amazon.com/s3/bucket/create?region=us-east-1>

Create bucket

Buckets are containers that you use to store data in Amazon S3. You can upload any number of objects to a bucket.

When you create a bucket, you enter the bucket name and choose the AWS Region. After you create the bucket, you can't change the name or Region. Bucket ownership is not transferrable.

Configure your bucket properties and permissions. You can copy settings from an existing bucket or configure settings for your bucket.

General configuration

Bucket name
myphasefivebucket

AWS Region
US East (N. Virginia) us-east-1

Copy settings from existing bucket - optional
Only the bucket settings in the following configuration are copied.
[Choose bucket](#)

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 ACLs for existing buckets and objects. This setting doesn't change any existing permissions that allow public access to S3 resources using ACLs.

Block public access to buckets and objects granted through any access control lists (ACLs)
S3 will ignore all ACLs that grant public access to buckets and objects.

Block public access to buckets and objects granted through new public bucket or access point policies

Learn more
[Creating a bucket](#)
[Buckets overview](#)
[Restrictions and limitations](#)

Feedback English (US) ▾ **Show all**

Amazon S3

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

AWS Marketplace for S3

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

Account snapshot
Storage lens provides visibility into storage usage and activity trends. Learn more

Buckets (1) [Info](#)
Buckets are containers for data stored in S3. [Learn more](#)

Name	AWS Region	Access	Creation date
myphasefivebucket	US East (N. Virginia) us-east-1	Objects can be public	September 26, 2021, 15:28:05 (UTC-05:00)

Buckets

Buckets are containers for objects stored in Amazon S3. You can store any number of objects in a bucket and can have up to 100 buckets in your account. To request an increase, visit the Service Quotas Console. You can create, configure, empty, and delete buckets. However, you can only delete an empty bucket.

Manage access

Buckets are private and can only be accessed if you explicitly grant permissions. Use bucket policies, IAM policies, access control lists (ACLs), and S3 Access Points to manage access.

Configure your bucket

You can configure your bucket to support your use case. For example, host a static website, use S3 Versioning and replication for disaster recovery, S3 Lifecycle to manage storage costs, and logging to track requests.

Understand storage usage and activity

The S3 Storage Lens account snapshot displays your total storage, object count, and average object size for all buckets in the account. View your S3 Storage Lens dashboard to analyze your usage and activity trends by AWS Region, storage class, bucket, or prefix.

Feedback English (US) ▾

phase5_aws_proj...perm ▾

Services ▾ [Search for services, features, marketplace products, and docs](#) [Alt+S]

Corestack_Role/mailalakev_gmail @ 7799-2173-1516 ▾ Global ▾ Support ▾

Amazon S3 > myphasefivebucket

myphasefivebucket [Info](#)

Objects [Properties](#) [Permissions](#) [Metrics](#) [Management](#) [Access Points](#)

Objects (0)
Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

[Create folder](#) [Upload](#) [Actions](#)

[Find objects by prefix](#)

Name	Type	Last modified	Size	Storage class
No objects You don't have any objects in this bucket.				

[Upload](#)

Objects

You can view all the objects in a bucket or folder, including their name, type, last modified, size, storage class, and tags.

Objects are the fundamental entities stored in Amazon S3. You must explicitly grant others permissions to access your objects. Each object has *data*, a *key*, and *metadata*. The object key (or key name) uniquely identifies the object in a bucket.

Amazon S3 maintains a set of system and user metadata for each object and processes the system metadata as needed for storage management.

Amazon S3 has a flat structure instead of a hierarchy like you might see in a file system. However, the console supports the folder concept as a means of grouping objects, using a shared name prefix for objects in the same folder.

Use this page to see all the objects in a bucket or folder. You can open, download, delete, and copy the URL for selected objects. Choose **Actions** to perform object actions like calculate size, copy, restore, edit, and query with S3 Select. Choose **Create folder** to create a folder, and choose **Upload** to upload an object.

Feedback English (US) ▾

phase5_aws_proj...perm ▾

Corestack_Role/mailalakev_gmail @ 7799-2173-1516 ▾ Global ▾ Support ▾

https://s3.console.aws.amazon.com/s3/upload/myphaselinebucket?region=us-east-1

Services ▾ Corestack_Role/mailalakev_gmail @ 7799-2173-1516 ▾ Global ▾ Support ▾

Amazon S3 > myphaselinebucket > 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 folders**.

Files and folders (1 Total, 16.8 MB)

All files and folders in this table will be uploaded.

<input type="checkbox"/>	Name	Folder	Type	Size
<input type="checkbox"/>	my-spring-boot-web-aws-exe.jar	-	-	16.8 MB

Destination

Destination
s3://myphaselinebucket

▶ **Destination details**
Bucket settings that impact new objects stored in the specified destination.

▶ **Permissions**
Grant public access and access to other AWS accounts.

▶ **Properties**
Specify storage class, encryption settings, tags, and more.

Cancel **Upload**

Feedback English (US) ▾ © 2008 – 2021, Amazon Web Services, Inc. or its affiliates. All rights reserved. Privacy Policy Terms of Use Cookie preferences Show all [X](#)

Upload succeeded

View details below.

Upload: status

The information below will no longer be available after you navigate away from this page.

Summary

Destination	Succeeded	Failed
s3://myphasefivebucket	1 file, 16.8 MB (100.00%)	0 files, 0 B (0%)

Files and folders Configuration

Files and folders (1 Total, 16.8 MB)

Name	Folder	Type	Size	Status	Error
my-spring-boot-web-aws-exe.jar	-	-	16.8 MB	Succeeded	-

Feedback English (US) ▾ © 2008 - 2021, Amazon Web Services, Inc. or its affiliates. All rights reserved. Privacy Policy Terms of Use Cookie preferences

Show all ×

phase5_aws_proj...perm

https://s3.console.aws.amazon.com/s3/buckets/myphasefivebucket/object/edit_public_read_access?region=us-east-1&showversions=false

Amazon S3 myphasefivebucket Make public

Make public info

The make public action enables public read access in the object access control list (ACL) settings. Learn more ?

⚠ When public read access is enabled and not blocked by Block Public Access settings, anyone in the world can access the specified objects.

Specified objects

Name	Type	Last modified	Size
my-spring-boot-web-aws-exe.jar	jar	September 26, 2021, 15:40:08 (UTC-05:00)	16.8 MB

Cancel **Make public**

Feedback English (US) ▾ © 2008 - 2021, Amazon Web Services, Inc. or its affiliates. All rights reserved. Privacy Policy Terms of Use Cookie preferences

The screenshot shows the AWS S3 console for the object `my-spring-boot-web-aws-exe.jar`. The `Properties` tab is selected. In the `Object overview` section, the `Object URL` field contains the value `https://myphasefivebucket.s3.amazonaws.com/my-spring-boot-web-aws-exe.jar`. This URL is highlighted with a red box and has a red arrow pointing down to a terminal window at the bottom of the screen.

Object overview

Owner: claaslabs+5f3425062d11de6d6706a89f

AWS Region: US East (N. Virginia) us-east-1

Last modified: September 26, 2021, 15:40:08 (UTC-05:00)

Size: 16.8 MB

Type: jar

Key: my-spring-boot-web-aws-exe.jar

S3 URI: s3://myphasefivebucket/my-spring-boot-web-aws-exe.jar

Amazon Resource Name (ARN): arn:aws:s3:::myphasefivebucket/my-spring-boot-web-aws-exe.jar

Entity tag (Etag): cf1df45c09cece875e3ebba910bb8b49-2

Object URL: https://myphasefivebucket.s3.amazonaws.com/my-spring-boot-web-aws-exe.jar

Object management overview

The following bucket properties and object management settings apply to this object:

Bucket properties

Bucket Versioning: When enabled, multiple variants of an object can be stored simultaneously.

Feedback: English (US)

phase5_aws_proj...pem

```
[root@ip-172-31-94-6 ~]# wget
```

Screenshot of the AWS S3 console showing the properties of the file "my-spring-boot-web-aws-exe.jar".

Object overview:

- Owner: claaslabs+5f3425062d11de6d6706a89f
- AWS Region: US East (N. Virginia) us-east-1
- Last modified: September 26, 2021, 15:40:08 (UTC-05:00)
- Size: 16.8 MB
- Type: jar
- Key: my-spring-boot-web-aws-exe.jar

S3 URI: s3://myphasefivebucket/my-spring-boot-web-aws-exe.jar

Amazon Resource Name (ARN): arn:aws:s3:::myphasefivebucket/my-spring-boot-web-aws-exe.jar

Entity tag (Etag): cf1df45c09cece875e3ebba910bb8b49-2

Object URL: https://myphasefivebucket.s3.amazonaws.com/my-spring-boot-web-aws-exe.jar

Object management overview:

The following bucket properties and settings are applied to this object:

Bucket properties:

- Bucket Versioning: When enabled, multiple variants of an object can be stored.

Feedback: English (US) ▾

Terminal Output:

```
root@ip-172-31-94-6:~# ./my-spring-boot-web-aws-exe.jar
Resolving myphasefivebucket.s3.amazonaws.com (myphasefivebucket.s3.amazonaws.com) ... 52.217.93.196
Connecting to myphasefivebucket.s3.amazonaws.com (myphasefivebucket.s3.amazonaws.com) |52.217.93.196|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 17646207 (17M) [application/x-www-form-urlencoded]
Saving to: 'my-spring-boot-web-aws-exe.jar'

100%[=====] 17,646,207 41.7MB/s in 0.4s
2021-09-26 20:45:54 (41.7 MB/s) - 'my-spring-boot-web-aws-exe.jar' saved [17646207]
[root@ip-172-31-94-6 ~]# JAR FILE uploaded to EC2 INSTANCE!
```

A green arrow points from the terminal output to the timestamp "2021-09-26 20:45:54".

Screenshot of the AWS S3 console showing the properties of the file `my-spring-boot-web-aws-exe.jar`. The object overview section shows details like owner (claaslabs+5f3425062d11de6d6706a89f), AWS Region (US East (N. Virginia) us-east-1), and last modified (September 26, 2021, 15:40:08 (UTC-05:00)). The object URL is `https://myphaselinebucket.s3.amazonaws.com/my-spring-boot-web-aws-exe.jar`.

A green arrow points from the text "JAR FILE on EC2!" to the terminal window showing the download process:

```
[root@ip-172-31-94-6: ~]# ls
my-spring-boot-web-aws-exe.jar
[root@ip-172-31-94-6: ~]#
```

The EC2 instance terminal window shows the command `ls` being run, which lists the file `my-spring-boot-web-aws-exe.jar`.

Screenshot of the AWS EC2 Instances page showing the connection options for instance `i-03151d5c74c30423b`. The "SSH client" tab is selected. The "Connect to instance" section provides instructions for connecting using an SSH client or the EC2 Serial Console. It includes a note about the AMI owner and a command example:

```
ssh -i "phase5_aws_project.pem" ec2-user@ec2-54-235-5-192.compute-1.amazonaws.com
```

Feedback English (US) ▾

Services ▾ Search for services, features, marketplace products, and docs [Alt+S] Corestack_Role/mailalakev_gmail @ 7799-2173-1516 ▾ Global ▾ Support ▾

EC2 > Instances > i-03151d5c74c30423b > Connect to instance

Connect to instance Info
Connect to your instance i-03151d5c74c30423b using any of these options

EC2 Instance Connect Session Manager SSH client EC2 Serial Console

Instance ID i-03151d5c74c30423b

- Open an SSH client.
- Locate your private key file. The key used to launch this instance is `phase5_aws_project.pem`.
- Run this command, if necessary, to ensure your key is not publicly viewable.
`chmod 400 phase5_aws_project.pem`
- Connect to your instance using its Public DNS:
`ec2-54-235-5-192.compute-1.amazonaws.com`

Example:
`ssh -i "phase5_aws_project.pem" ec2-user@ec2-54-235-5-192.compute-1.amazonaws.com`

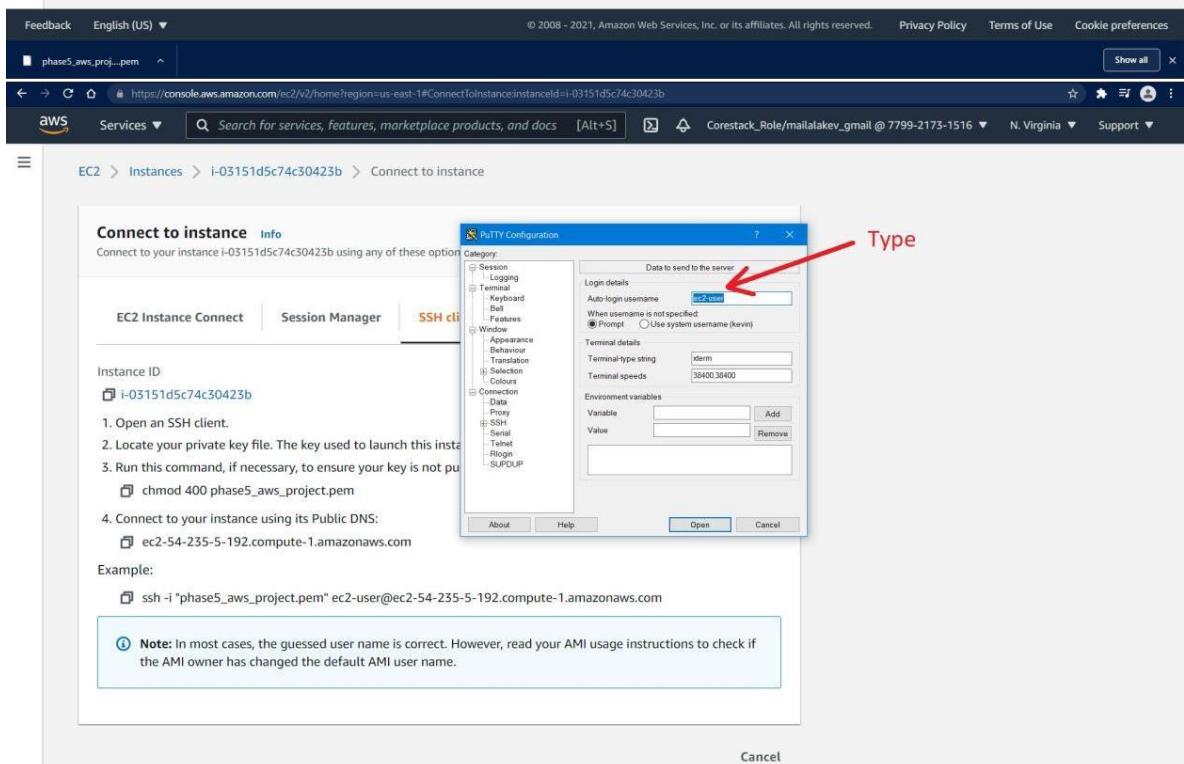
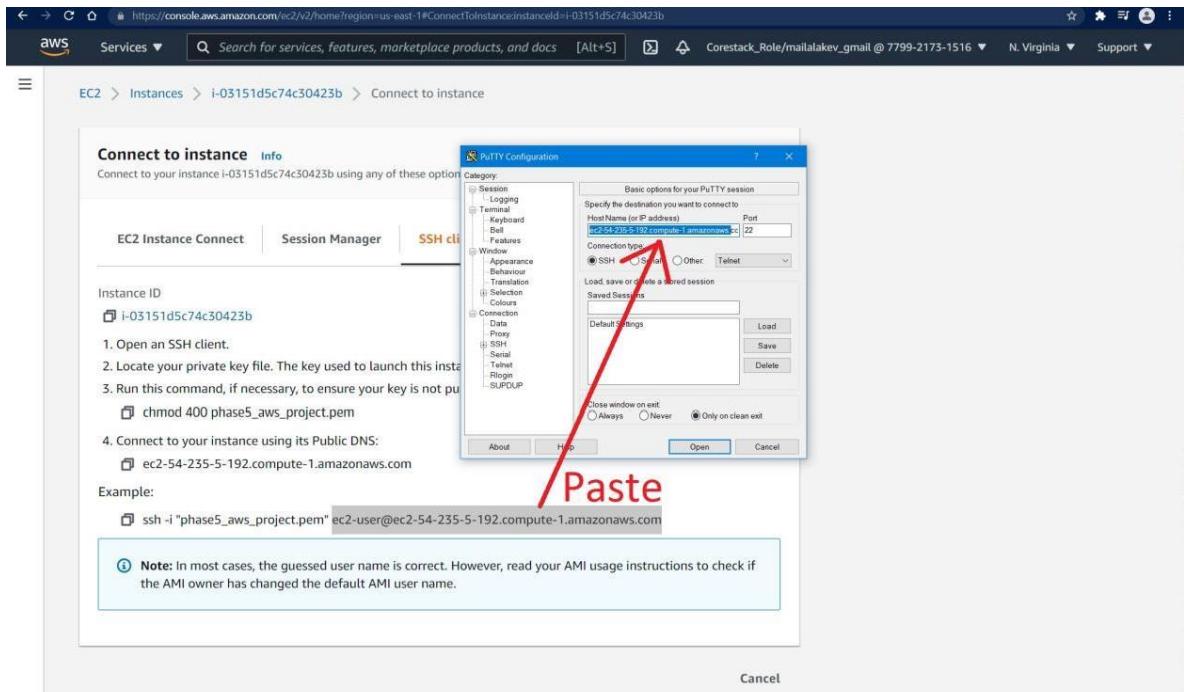
Note: In most cases, the guessed user name is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI user name.

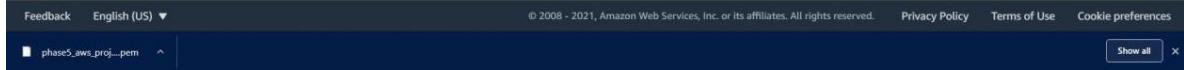
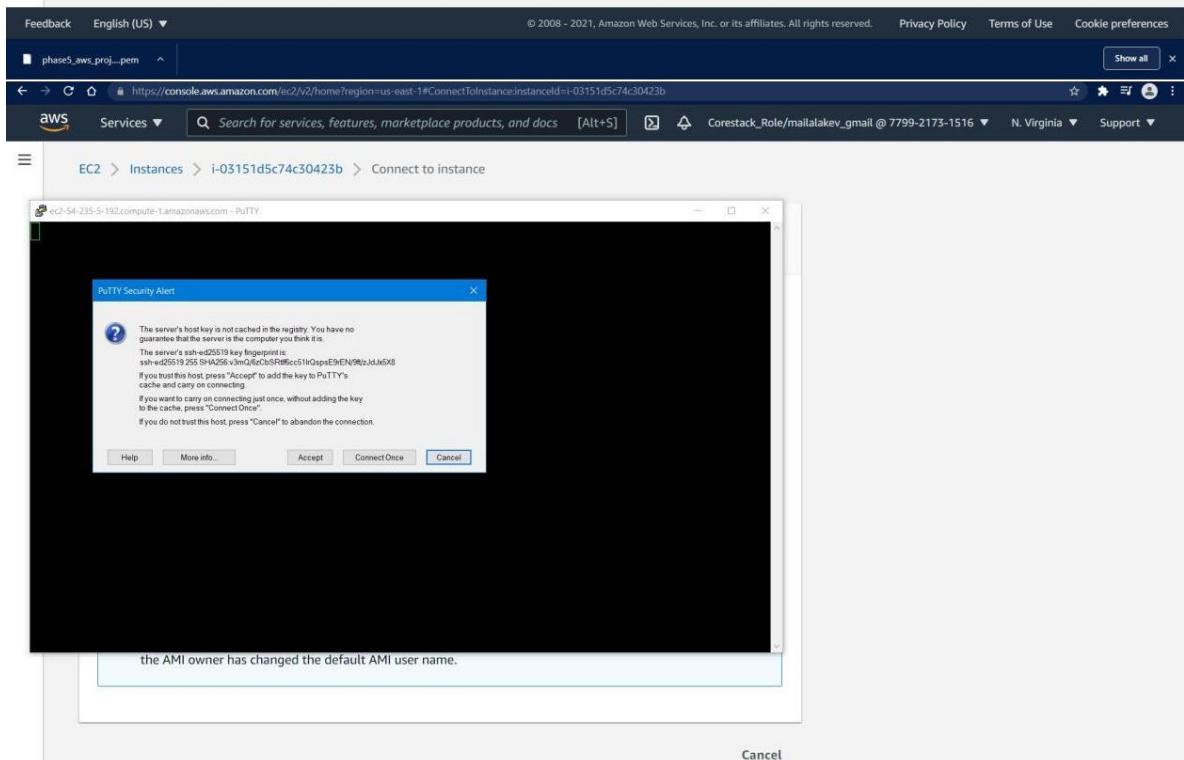
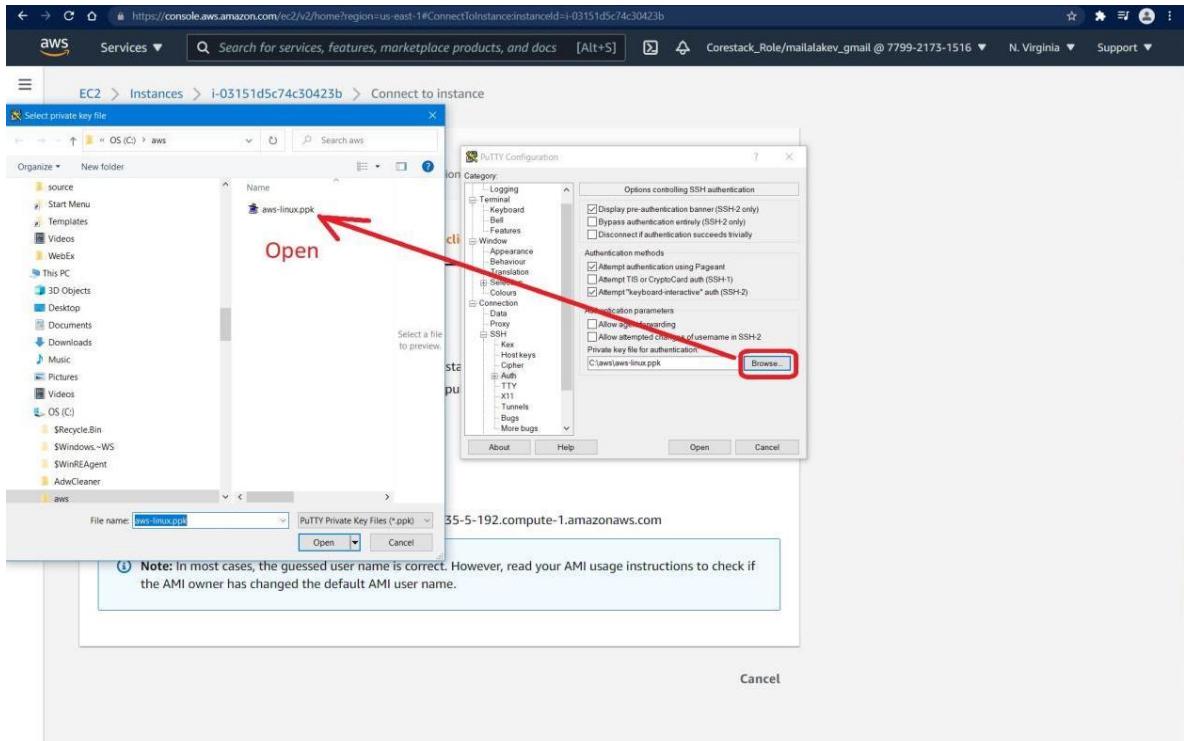
Cancel

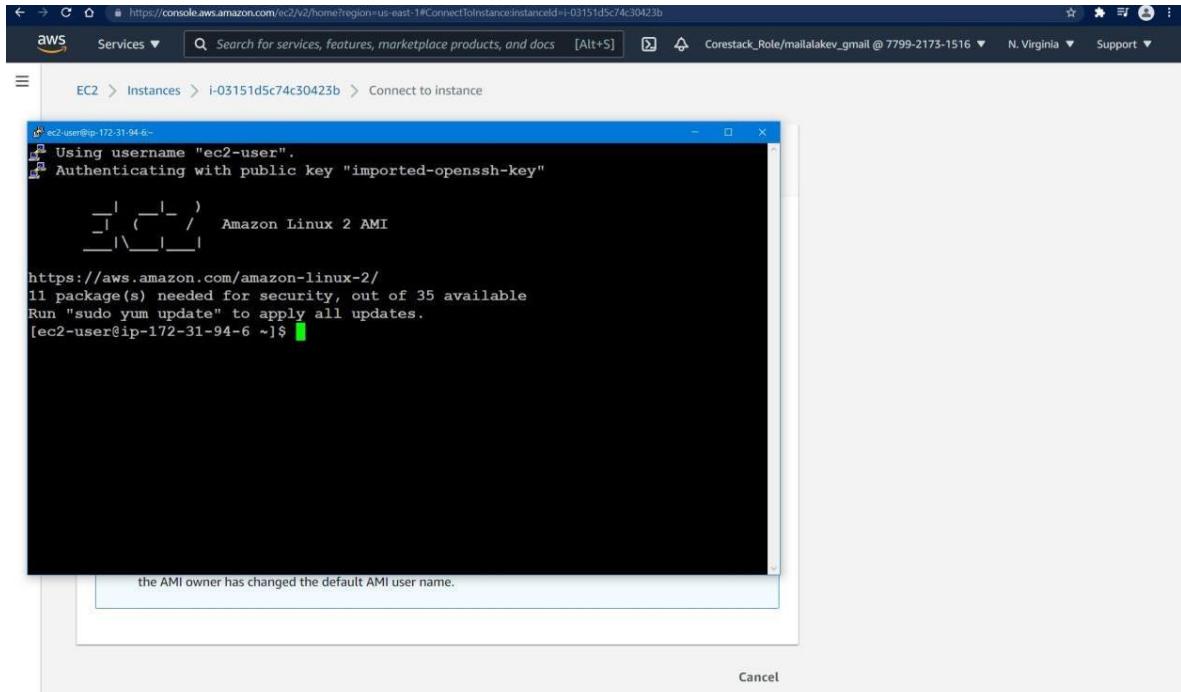
Feedback English (US) ▾

Services ▾ Search for services, features, marketplace products, and docs [Alt+S] Corestack_Role/mailalakev_gmail @ 7799-2173-1516 ▾ Global ▾ Support ▾

Show all ×







The screenshot shows the AWS EC2 instance details page for instance i-03151d5c74c30423b. The top navigation bar includes 'Feedback', 'English (US)', 'Services', 'Search', and 'Corestack_Role/mailalakev_gmail @ 7799-2173-1516'. The main content area displays the 'Instance summary' for the instance, showing details such as Public IPv4 address (54.235.5.192), Instance state (Running), and Instance type (t2.micro). It also shows the AWS Compute Optimizer finding, which indicates that the user is not authorized to perform certain actions. The 'Details' tab is selected, showing further information like Platform (Amazon Linux (Inferred)) and AMI ID (ami-087c17d1fe0178315). The bottom of the page includes links for 'Feedback', 'English (US)', and 'Show all'.

Instance summary for i-03151d5c74c30423b

Updated less than a minute ago

Instance ID: i-03151d5c74c30423b

IPv6 address: -

Private IPv4 DNS: ip-172-31-94-6.ec2.internal

VPC ID: vpc-0df264bc3671f6ec2

Subnet ID: subnet-09c3d19313c035a75

Instance state: Running

Instance type: t2.micro

AWS Compute Optimizer finding: User: arn:aws:sts::779921731516:assumed-role/Corestack_Role/mallalakev_gmail is not authorized to perform: compute-optimizer:GetEnrollmentStatus on resource: * with an explicit deny

Public IPv4 address: 54.235.5.192 | open address

Private IPv4 addresses: 172.31.94.6

Public IPv4 DNS: ec2-54-235-5-192.compute-1.amazonaws.com | open address

Elastic IP addresses: -

IAM Role: -

Networking

You can now check network connectivity with Reachability Analyzer.

Run Reachability Analyzer

Instance summary for i-03151d5c74c30423b

Updated less than a minute ago

Instance ID: i-03151d5c74c30423b

IPv6 address: -

Private IPv4 DNS: ip-172-31-94-6.ec2.internal

VPC ID: vpc-0df264bc3671f6ec2

Subnet ID: subnet-09c3d19313c035a75

Actions: Generate a public/private key pair, Load an existing private key file, Save the generated key, Generate, Load, Save public key, Save private key

Parameters: Type of key to generate: RSA (selected), DSA, ECDSA, ED25519, Number of bits in a generated key: 2048

Public IPv4 address: 54.235.5.192 | open address

Private IPv4 addresses: 172.31.94.6

Public IPv4 DNS: ec2-54-235-5-192.compute-1.amazonaws.com | open address

Elastic IP addresses: -

IAM Role: -

Networking

You can now check network connectivity with Reachability Analyzer.

Run Reachability Analyzer

The screenshot shows two side-by-side AWS EC2 instance details pages. Both instances have the same configuration: Instance ID i-03151d5c74c30423b, Public IPv4 address 54.235.5.192, Private IPv4 address 172.31.94.6, and VPC ID vpc-0df264bc3671f6ec2.

PUTTY Key Generator (Left):

- Key comment: `phase5_ec2.pem`
- Key passphrase: `phase5_ec2`
- Actions: `Imported OpenSSH key`
- Parameters: `B3H1 (RSA)`
- Number of bits in a generated key: `2048`

A modal window titled "PUTTY Notice" is displayed, stating: "Successfully imported foreign key. OpenSSH RSA private key (in PEM format). To use this key with PuTTY, you need to save it in PuTTY's own format." It contains three buttons: "OK", "Generate", and "Load".

File Explorer (Right):

The file explorer shows two files in the "aws" folder:

- `aws-linus.ppk` (PUTTY Private Key - PEM File)
- `phase5_ec2.pem` (PEM File)

A red arrow points from the "Save private key" button in the PUTTY Key Generator dialog to the `phase5_ec2.pem` file in the file explorer.

Screenshot of the AWS CloudWatch Terminal interface showing a terminal session on an Amazon Linux 2 AMI instance.

The terminal window title is "root@ip-172-31-94-6~".

Session details:

- Using username "ec2-user".
- Authenticating with public key "imported-ssh-key".

Instance information:

- Amazon Linux 2 AMI
- 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.

Command history:

```
[ec2-user@ip-172-31-94-6 ~]$ whoami  
ec2-user  
[ec2-user@ip-172-31-94-6 ~]$ sudo -i  
[root@ip-172-31-94-6 ~]# java -version  
bash: java: command not found  
[root@ip-172-31-94-6 ~]#
```

A message box at the bottom left of the terminal window states: "the AMI owner has changed the default AMI user name."

Bottom right of the terminal window: "Cancel".

Below the terminal window, the AWS navigation bar includes: Feedback, English (US), Privacy Policy, Terms of Use, and Cookie preferences.

The terminal window title is "phase5_aws_proj.pem".

Session details:

- login as: ec2-user
- Authenticating with public key "imported-ssh-key"

Last login: Sun Sep 26 21:04:55 2021 from 104-14-74-96.lightspeed.jcsnms.sbcglobal.net

Instance information:

- Amazon Linux 2 AMI
- 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.

Command history:

```
[ec2-user@ip-172-31-94-6 ~]$ ^C  
[ec2-user@ip-172-31-94-6 ~]$ sudo yum update  
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd  
amzn2-core  
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
```

```
[ec2-user@ip-172-31-94-6 ~]$ yum install httpd -y
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
You need to be root to perform this command.
[ec2-user@ip-172-31-94-6 ~]$ sudo su
-bash: sudo: command not found
[ec2-user@ip-172-31-94-6 ~]$ sudo su
[root@ip-172-31-94-6 ec2-user]# service httpd start
Redirecting to /bin/systemctl start httpd.service
Failed to start httpd.service: Unit not found.
[root@ip-172-31-94-6 ec2-user]# yum install httpd -y
bash: yun: command not found
[root@ip-172-31-94-6 ec2-user]# yum install httpd -y
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Resolving Dependencies
--> Running transaction check
--> Package httpd.x86_64 0:2.4.48-2.amzn2 will be installed
--> Processing Dependency: httpd-tools = 2.4.48-2.amzn2 for package: httpd-2.4.4
8-2.amzn2.x86_64
--> Processing Dependency: httpd-filesystem = 2.4.48-2.amzn2 for package: httpd-
2.4.48-2.amzn2.x86_64
--> Processing Dependency: system-logos-httpd for package: httpd-2.4.48-2.amzn2.
x86_64
--> Processing Dependency: mod_http2 for package: httpd-2.4.48-2.amzn2.x86_64
--> Processing Dependency: httpd-filesystem for package: httpd-2.4.48-2.amzn2.x8
```

```
[ec2-user@ip-172-31-94-6 ~]
[ec2-user@ip-172-31-94-6 ~]$ login as: ec2-user
[ec2-user@ip-172-31-94-6 ~]$ Authenticating with public key "imported-openssh-key"
Last login: Sun Sep 26 22:14:09 2021 from 104-14-74-96.lightspeed.jcsnms.sbcglob
al.net
[ec2-user@ip-172-31-94-6 ~]$ Amazon Linux 2 AMI
[ec2-user@ip-172-31-94-6 ~]$ https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-172-31-94-6 ~]$ [ec2-user@ip-172-31-94-6 ~]$ sudo yum update -y
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core
No Match for argument: -y
No packages marked for update
[ec2-user@ip-172-31-94-6 ~]$ sudo wget -O /etc/yum.repos.d/jenkins.repo \
> https://pkg.jenkins.io/redhat-stable/jenkins.repo
--2021-09-26 22:31:30-- https://pkg.jenkins.io/redhat-stable/jenkins.repo
Resolving pkg.jenkins.io (pkg.jenkins.io) ... 151.101.250.133, 2a04:4e42:60::645
Connecting to pkg.jenkins.io (pkg.jenkins.io)|151.101.250.133|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 85
Saving to: '/etc/yum.repos.d/jenkins.repo'

100%[=====] 85
2021-09-26 22:31:30 (6.08 MB/s) - '/etc/yum.repos.d/jenkins.repo' saved [85/85]
[ec2-user@ip-172-31-94-6 ~]$
```

INSTALL (JENKINS) into our EC2 Instance

```
ec2-user@ip-172-31-94-6:~$ Authenticating with public key "imported-openssh-key"
Last login: Sun Sep 26 22:14:09 2021 from 104-14-74-96.lightspeed.jcsnms.sbcglob
al.net

[ec2-user@ip-172-31-94-6 ~]$ sudo yum update -y
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core
No Match for argument: -y
No packages marked for update
[ec2-user@ip-172-31-94-6 ~]$ sudo wget -O /etc/yum.repos.d/jenkins.repo \
> https://pkg.jenkins.io/redhat-stable/jenkins.repo
--2021-09-26 22:31:30-- https://pkg.jenkins.io/redhat-stable/jenkins.repo
Resolving pkg.jenkins.io (pkg.jenkins.io)... 151.101.250.133, 2a04:4e42:60::645
Connecting to pkg.jenkins.io (pkg.jenkins.io)|151.101.250.133|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 85
Saving to: '/etc/yum.repos.d/jenkins.repo'

100%[=====] 2021-09-26 22:31:30 (6.08 MB/s) - '/etc/yum.repos.d/jenkins.repo' saved [85/85]

[ec2-user@ip-172-31-94-6 ~]$ sudo rpm --import https://pkg.jenkins.io/redhat-stable/jenkins.io.key
[ec2-user@ip-172-31-94-6 ~]$ sudo yum upgrade
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
jenkins
jenkins/primary_db
No packages marked for update
[ec2-user@ip-172-31-94-6 ~]$
```

Jenkins now installed on EC2 Instance

```
ec2-user@ip-172-31-94-6:~$ amzn2-core
No Match for argument: -y
No packages marked for update
[ec2-user@ip-172-31-94-6 ~]$ sudo wget -O /etc/yum.repos.d/jenkins.repo \
> https://pkg.jenkins.io/redhat-stable/jenkins.repo
--2021-09-26 22:31:30-- https://pkg.jenkins.io/redhat-stable/jenkins.repo
Resolving pkg.jenkins.io (pkg.jenkins.io)... 151.101.250.133, 2a04:4e42:60::645
Connecting to pkg.jenkins.io (pkg.jenkins.io)|151.101.250.133|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 85
Saving to: '/etc/yum.repos.d/jenkins.repo'

100%[=====] 2021-09-26 22:31:30 (6.08 MB/s) - '/etc/yum.repos.d/jenkins.repo' saved [85/85]

[ec2-user@ip-172-31-94-6 ~]$ sudo rpm --import https://pkg.jenkins.io/redhat-stable/jenkins.io.key
[ec2-user@ip-172-31-94-6 ~]$ sudo yum upgrade
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
jenkins
jenkins/primary_db
No packages marked for update
[ec2-user@ip-172-31-94-6 ~]$ sudo yum install jenkins java-1.8.0-openjdk-devel -y
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Package 1:java-1.8.0-openjdk-devel-1.8.0.302.b08-0.amzn2.0.1.x86_64 already installed and latest version
Resolving Dependencies
--> Running transaction check
--> Package jenkins.noarch 0:2.303.1-1.1 will be installed
--> Processing Dependency: daemonize for package: jenkins-2.303.1-1.1.noarch
--> Finished Dependency Resolution
Error: Package: jenkins-2.303.1-1.1.noarch (jenkins)
    Requires: daemonize
    You could try using --skip-broken to work around the problem
    You could try running: rpm -Va --nofiles --nodigest
[ec2-user@ip-172-31-94-6 ~]$
```

installed Java 1.8 on Jenkins, EC2 session

```
[ec2-user@ip-172-31-94-6 ~]$ yum install -y jenkins
[ec2-user@ip-172-31-94-6 ~]$ sudo systemctl start jenkins
[ec2-user@ip-172-31-94-6 ~]$ sudo systemctl status jenkins
● jenkins.service - LSB: Jenkins Automation Server
   Loaded: loaded (/etc/rc.d/init.d/jenkins; bad; vendor preset: disabled)
   Active: active (running) since Sun 2021-09-26 22:39:58 UTC; 9s ago
     Docs: man:systemd-sysv-generator(8)
  Process: 5746 ExecStart=/etc/rc.d/init.d/jenkins start (code=exited, status=0/SUCCESS)
 CGroup: /system.slice/jenkins.service
         └─ 5750 /usr/lib/jvm/java-1.8.0/bin/java -Djava.awt.headless=true -DJENKINS_HOME=/var/lib/jenkins -jar ...

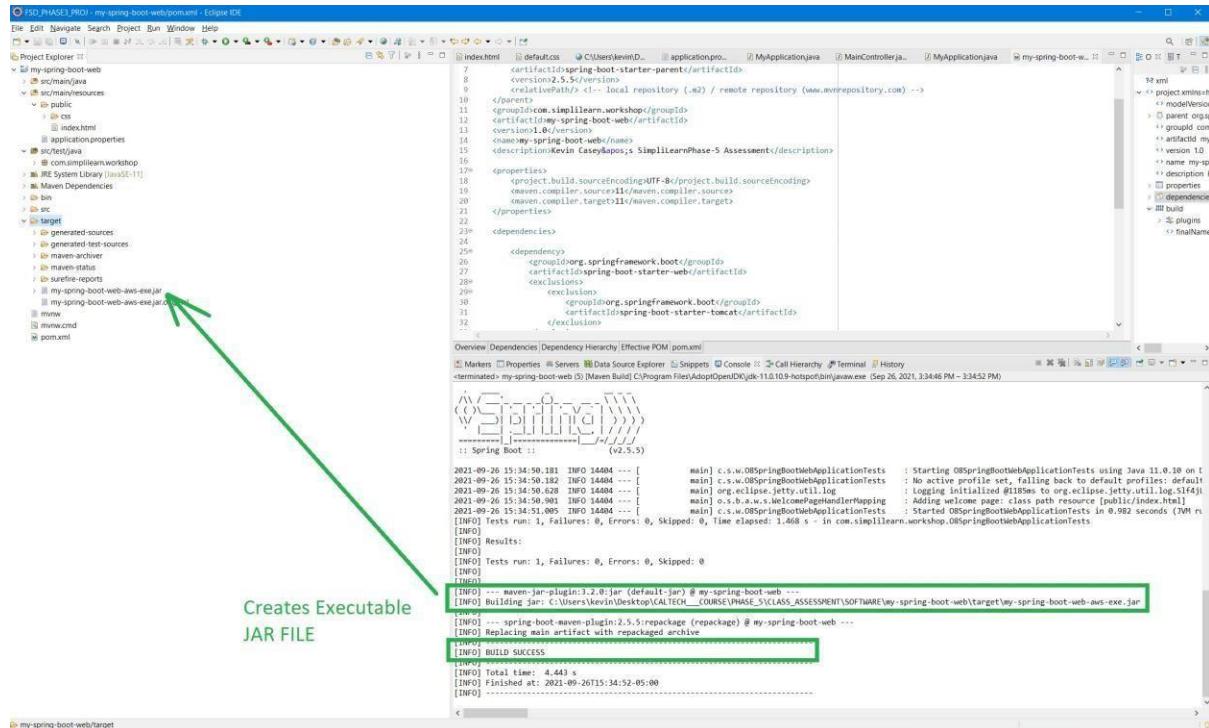
Sep 26 22:39:58 ip-172-31-94-6.ec2.internal systemd[1]: Starting LSB: Jenkins Automation Server...
Sep 26 22:39:58 ip-172-31-94-6.ec2.internal jenkins[5746]: Starting Jenkins [ OK ]
Sep 26 22:39:58 ip-172-31-94-6.ec2.internal systemd[1]: Started LSB: Jenkins Automation Server.
[ec2-user@ip-172-31-94-6 ~]$
```

Jenkins Now Running on EC2 - as a service

```
my-spring-boot-web [ Maven Build] C:\Program Files\AdoptOpenJDK\jdk-11.0.9-hotspot\bin\javaw.exe (Sep 26, 2021, 1:45:19 PM)

[INFO] -----> < com.simplelearn.workshop:my-spring-boot-web >-----
[INFO] Building my-spring-boot-web 1.0.0
[INFO] ---[ jar ]-----
[INFO]
[INFO] >>> spring-boot-maven-plugin:2.5.5:run (default-cli) > test-compile @ my-spring-boot-web >>>
[INFO]
[INFO] --- maven-resources-plugin:3.2.0:resources (default-resources) @ my-spring-boot-web ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] Using 'UTF-8' encoding to copy filtered properties files.
[INFO] Copying 1 resource
[INFO] Copying 4 resources
[INFO]
[INFO] --- maven-compiler-plugin:3.8.1:compile (default-compile) @ my-spring-boot-web ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] --- maven-resources-plugin:3.2.0:testResources (default-testResources) @ my-spring-boot-web ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] Using 'UTF-8' encoding to copy filtered properties files.
[INFO] skip non existing resourceDirectory C:\Users\kevin\Desktop\ALTECH__COURSE\PHASE_5\CLASS_ASSESSMENT\SOFTWARE\my-spring-boot-web\src\test\resources
[INFO]
[INFO] --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @ my-spring-boot-web ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] <<< spring-boot-maven-plugin:2.5.5:run (default-cli) < test-compile @ my-spring-boot-web <<<
[INFO]
[INFO] --- spring-boot-maven-plugin:2.5.5:run (default-cli) @ my-spring-boot-web ---
[INFO] Attaching agents: []
[INFO] :: Spring Boot ::
[INFO] (v2.5.5)
[INFO] -----
[INFO] [main] com.simplelearn.workshop.MyApplication : Starting MyApplication using Java 11.0.10 on DESKTOP-GRFP1TP with PID 12132 (C:\Users\kevin\Desktop\ALTECH__COURSE\PHASE_5\CLASS_ASSESSMENT\SOFTWARE\my-spring-boot-web\src\main\java\com\simplelearn\workshop\MyApplication.java)
[INFO] [main] com.simplelearn.workshop.MyApplication : No active profile set, falling back to default profiles: default
[INFO] [main] org.eclipse.jetty.util.log : Logging initialized @750ms to org.eclipse.jetty.util.log.Slf4jlog
[INFO] [main] o.s.b.w.e.j.JettyServletWebServerFactory : Server initialized with port: 8080
[INFO] [main] org.eclipse.jetty.server.Server : jetty-9.4.43-v20210629; built: 2021-06-30T11:07:22.254Z; git: 526006ecfa3af7f1a27ef3a288e2bef7ea9dd7e8; OS: Windows 10; arch: amd64
[INFO] [main] o.e.j.s.h.ContextHandler.application : Initializing Spring embedded WebApplicationContext
[INFO] [main] w.s.c.ServletContainerInitializer : Root WebApplicationContext: initialization completed in 438 ms
[INFO] [main] org.eclipse.jetty.server.session : DefaultSessionIdManager workerName=node0
[INFO] [main] org.eclipse.jetty.server.session : SessionScavenger set, using defaults
[INFO] [main] org.eclipse.jetty.server.session : node0 Scavenging every 600000ms
[INFO] [main] o.e.j.server.handler.ContextHandler : Started o.s.b.w.e.j.JettyEmbeddedWebAppContext@1a28b346(application,,[file:///C:/Users/kevin/AppData/Local/Temp/jetty-0.0.0-8080-12132-1qk3yj8])
[INFO] [main] o.s.b.a.WelcomePageHandlerMapping : Started @20ms
[INFO] [main] o.e.j.s.h.ContextHandler.application : Adding welcome page: class path resource [public/index.html]
[INFO] [main] o.s.w.s.DispatcherServlet : Initializing Spring DispatcherServlet 'dispatcherServlet'
[INFO] [main] o.s.w.s.DispatcherServlet : Completed initialization in 1 ms
[INFO] [main] o.e.j.server.AbstractConnector : Started ServerConnector@7e02081[HTTP/1.1, (http/1.1)]{0.0.0.0:8080}
[INFO] [main] o.s.w.embedded.jetty.JettyWebServer : Jetty started on port(s) 8080 (http/1.1) with context path '/'
[INFO] [main] com.simplelearn.workshop.MyApplication : Started MyApplication in 0.849 seconds (JVM running for 1.064)
```

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
3   xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 https://maven.apache.org/xsd/maven-4.0.0.xsd">
4     <modelVersion>4.0.0</modelVersion>
5     <parent>
6       <groupId>org.springframework.boot</groupId>
7       <artifactId>spring-boot-starter-parent</artifactId>
8       <version>2.5.5</version>
9       <relativePath/> <!-- local repository (.m2) / remote repository (www.mvnrepository.com) -->
10    </parent>
11    <groupId>com.simplilearn.workshop</groupId>
12    <artifactId>my-spring-boot-web</artifactId>
13    <version>1.0</version>
14    <name>my-spring-boot-web</name>
15    <description>Kevin Casey's SimpliLearnPhase-5 Assessment</description>
16    <properties>
17      <java.version>11</java.version>
18    </properties>
19    <dependencies>
20      <dependency>
21        <groupId>org.springframework.boot</groupId>
22        <artifactId>spring-boot-starter-web</artifactId>
23        <exclusions>
24          <exclusion>
25            <groupId>org.springframework.boot</groupId>
26            <artifactId>spring-boot-starter-tomcat</artifactId>
27          </exclusion>
28        </exclusions>
29      </dependency>
30
31      <dependency>
32        <groupId>org.springframework.boot</groupId>
33        <artifactId>spring-boot-starter-jetty</artifactId>
34      </dependency>
35
36      <dependency>
37        <groupId>org.springframework.boot</groupId>
38        <artifactId>spring-boot-starter-test</artifactId>
39        <scope>test</scope>
40      </dependency>
41    </dependencies>
42
43    <build>
44      <plugins>
45        <plugin>
46          <groupId>org.springframework.boot</groupId>
47          <artifactId>spring-boot-maven-plugin</artifactId>
48        </plugin>
49      </plugins>
50    </build>
51
52 </project>
53
```



Creates Executable
JAR FILE

Now running my Spring-Boot App on EC2 instance

