

Task 13: Launch an EC2 instance (Linux and Windows) along with a web server. Then, create an EBS volume of 5 GB, attach it to an EC2 machine (Linux and Windows), and take a snapshot. Finally, create an EBS volume using the taken snapshot.

1. Launch an EC2 instance (amazon Linux) along with a web server:

[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

webserv-er-volume snapchar

[Add additional tags](#)

Quick Start

Amazon Linux

aws

macOS

Mac

Ubuntu

ubuntu

Windows

Microsoft

Red Hat

Red Hat

SUSE Li

SUSE

Browse more AMIs

Including AMIs from AWS, Marketplace and the Community

Amazon Machine Image (AMI)

Amazon Linux 2023 AMI

Free tier eligible

ami-01376101673c89611 (64-bit (x86), uefi-preferred) / ami-0740aeaa53d2ea48a (64-bit (Arm), uefi)

Virtualization: hvm ENA enabled: true Root device type: ebs

Description

Amazon Linux 2023 is a modern, general purpose Linux-based OS that comes with 5 years of long term support. It is optimized for AWS and designed to provide a secure, stable and high-performance execution environment to develop and run your cloud applications.

Architecture

64-bit (x86)

Boot mode

uefi-preferred

AMI ID

ami-01376101673c89611

Verified provider

usually we launch an instance ,for webserver give allow traffic for httpd

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.

☒ Create security group

☐ Select existing security group

We'll create a new security group called '**launch-wizard-1**' with the following rules:

- ☐ Allow SSH traffic from
Helps you connect to your instance
- ☒ Allow HTTPS traffic from the internet
To set up an endpoint, for example when creating a web server
- ☐ Allow HTTP traffic from the internet
To set up an endpoint, for example when creating a web server

We give allow https ,so that security group can added . go and check it in instance→security→i.b.r

Edit inbound rules [Info](#)

Inbound rules control the incoming traffic that's allowed to reach the instance.

Inbound rules [Info](#)

Security group rule ID	Type Info	Protocol Info	Port range Info	Source Info	Description - optional Info
sgr-0692ffc2e59f0f5d7	HTTPS	TCP	443	Custom	

Inbound rules

Outbound rules

Tags

Inbound rules (2)

☐

Name

Security group rule...

IP version

Type

Protocol

Port range

☐

-

sgr-00606d54ef1587b...

IPv4

HTTPS

TCP

443

Instances (1/3) [Info](#)

☐

windowsws

i-073dc0eb17845873a

Running

t2.micro

2/2 checks passed

View alarms

ap-south-1a

ec2-13-231

☒

webserver-vol...

i-0ccfb398bdea837ea

Running

t2.micro

2/2 checks passed

View alarms

ap-south-1a

ec2-13-121

☐

linuxwebserver

i-058387bbec90d47d8

Running

t2.micro

2/2 checks passed

View alarms

ap-south-1a

ec2-15-201

i-0ccfb398bdea837ea (webserver-volume snapchar)

Details

Status and alarms

Monitoring

Security

Networking

Storage

Tags

▼ Instance summary [Info](#)

Instance ID

i-0ccfb398bdea837ea (webserver-volume snapchar)

Public IPv4 address

13.126.152.49 | [open address](#)

Private IPv4 addresses

172.31.37.166

Instance can be created

Then connect that instance give the following commands are used to install httpd webserver in our ec2

sudo yum update

sudo yum install httpd

sudo systemctl httpd start

sudo systemctl httpd status

```
[ec2-user@ip-172-31-37-166 ~]$ sudo yum update
Last metadata expiration check: 0:25:29 ago on Tue Jul 9 10:48:15 2024.
Dependencies resolved.
Nothing to do.
Complete!
[ec2-user@ip-172-31-37-166 ~]$ sudo yum install httpd
Last metadata expiration check: 0:25:58 ago on Tue Jul 9 10:48:15 2024.
Dependencies resolved.
```

Package	Architecture	Version	Repository	Size
Installing:				
httpd	x86_64	2.4.59-2.amzn2023	amazonlinux	47 k
Installing dependencies:				
apr	x86_64	1.7.2-2.amzn2023.0.2	amazonlinux	129 k
apr-util	x86_64	1.6.3-1.amzn2023.0.1	amazonlinux	98 k
generic-logos-httpd	noarch	18.0.0-12.amzn2023.0.3	amazonlinux	19 k
httpd-core	x86_64	2.4.59-2.amzn2023	amazonlinux	1.4 M
httpd-filesystem	noarch	2.4.59-2.amzn2023	amazonlinux	14 k
httpd-tools	x86_64	2.4.59-2.amzn2023	amazonlinux	81 k
libbrotli	x86_64	1.0.9-4.amzn2023.0.2	amazonlinux	315 k
mailcap	noarch	2.1.49-3.amzn2023.0.3	amazonlinux	33 k
Installing weak dependencies:				
apr-util-openssl	x86_64	1.6.3-1.amzn2023.0.1	amazonlinux	17 k
mod_http2	x86_64	2.0.27-1.amzn2023.0.2	amazonlinux	166 k
mod_lua	x86_64	2.4.59-2.amzn2023	amazonlinux	61 k

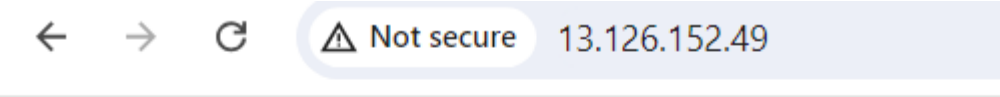
```
Installing      : mod_http2-2.0.27-1.amzn2023.0.2.x86_64
Installing      : mod_lua-2.4.59-2.amzn2023.x86_64
Installing      : generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch
Installing      : httpd-2.4.59-2.amzn2023.x86_64
Running scriptlet: httpd-2.4.59-2.amzn2023.x86_64
Verifying      : apr-1.7.2-2.amzn2023.0.2.x86_64
Verifying      : apr-util-1.6.3-1.amzn2023.0.1.x86_64
Verifying      : apr-util-openssl-1.6.3-1.amzn2023.0.1.x86_64
Verifying      : generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch
Verifying      : httpd-2.4.59-2.amzn2023.x86_64
Verifying      : httpd-core-2.4.59-2.amzn2023.x86_64
Verifying      : httpd-filesystem-2.4.59-2.amzn2023.noarch
Verifying      : httpd-tools-2.4.59-2.amzn2023.x86_64
Verifying      : libbrotli-1.0.9-4.amzn2023.0.2.x86_64
Verifying      : mailcap-2.1.49-3.amzn2023.0.3.noarch
Verifying      : mod_http2-2.0.27-1.amzn2023.0.2.x86_64
Verifying      : mod_lua-2.4.59-2.amzn2023.x86_64

Installed:
apr-1.7.2-2.amzn2023.0.2.x86_64
generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch
httpd-filesystem-2.4.59-2.amzn2023.noarch
mailcap-2.1.49-3.amzn2023.0.3.noarch
apr-util-1.6.3-1.amzn2023.0.1.x86_64
httpd-2.4.59-2.amzn2023.x86_64
httpd-tools-2.4.59-2.amzn2023.x86_64
mod_http2-2.0.27-1.amzn2023.0.2.x86_64
apr-util-openssl-1.6.3-1.amzn2023.0.1.x86_64
httpd-core-2.4.59-2.amzn2023.x86_64
libbrotli-1.0.9-4.amzn2023.0.2.x86_64
mod_lua-2.4.59-2.amzn2023.x86_64

Complete!
[ec2-user@ip-172-31-37-166 ~]$ sudo service httpd start
Redirecting to /bin/systemctl start httpd.service
[ec2-user@ip-172-31-37-166 ~]$
```

sudo systemctl httpd status [for check whether the server is running or not]

```
● httpd.service - The Apache HTTP Server
   Loaded: loaded (/usr/lib/systemd/system/httpd.service; enabled; preset: disabled)
   Active: active (running) since Wed 2024-07-10 05:13:36 UTC; 51s ago
     Docs: man:httpd.service(8)
   Main PID: 26055 (httpd)
    Status: "Total requests: 0; Idle/Busy workers 100/0; Requests/sec: 0; Bytes served/sec: 0 B/sec"
     Tasks: 177 (limit: 1114)
    Memory: 12.9M
      CPU: 92ms
```



It works!

2. Launch an EC2 instance (windows) along with a web server:

[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








[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

Recents

Quick Start

<p>Amazon Linux</p> 	<p>macOS</p> 	<p>Ubuntu</p> 	<p>Windows</p> 	<p>Red Hat</p> 	<p>SUSE Linux</p> 	<p> Browse more AMIs Including AMIs from AWS, Marketplace and the Community</p>
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Subnet | [Info](#)

No preference (Default subnet in any availability zone)

Auto-assign public IP | [Info](#)

Enable

[Additional charges apply](#) when outside of [free tier allowance](#)

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.

☒ Create security group

☐ Select existing security group

We'll create a new security group called '**launch-wizard-2**' with the following rules:

☒ Allow RDP traffic from
Helps you connect to your instance

Anywhere
0.0.0.0/0

☐ Allow HTTPS traffic from the internet
To set up an endpoint, for example when creating a web server

☐ Allow HTTP traffic from the internet
To set up an endpoint, for example when creating a web server

Instances (1/3) [Info](#)

Find Instance by attribute or tag (case-sensitive)

All states

Refresh

Connect

Instance state

Actions

Launch instances

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv
<input checked="" type="checkbox"/>	windowsws	i-073dc0eb17845873a	Running	t2.micro	2/2 checks passed	View alarms	ap-south-1a	ec2-13-23
<input type="checkbox"/>	webserver-vol...	i-0ccfb398bdea837ea	Running	t2.micro	2/2 checks passed	View alarms	ap-south-1a	ec2-13-12
<input type="checkbox"/>	linuxwebserver	i-058387bbec90d47d8	Running	t2.micro	2/2 checks passed	View alarms	ap-south-1a	ec2-15-20

i-073dc0eb17845873a (windowsws)

Details

Status and alarms

Monitoring

Security

Networking

Storage

Tags

▼ Instance summary [Info](#)

Instance ID

i-073dc0eb17845873a (windowsws)

Public IPv4 address

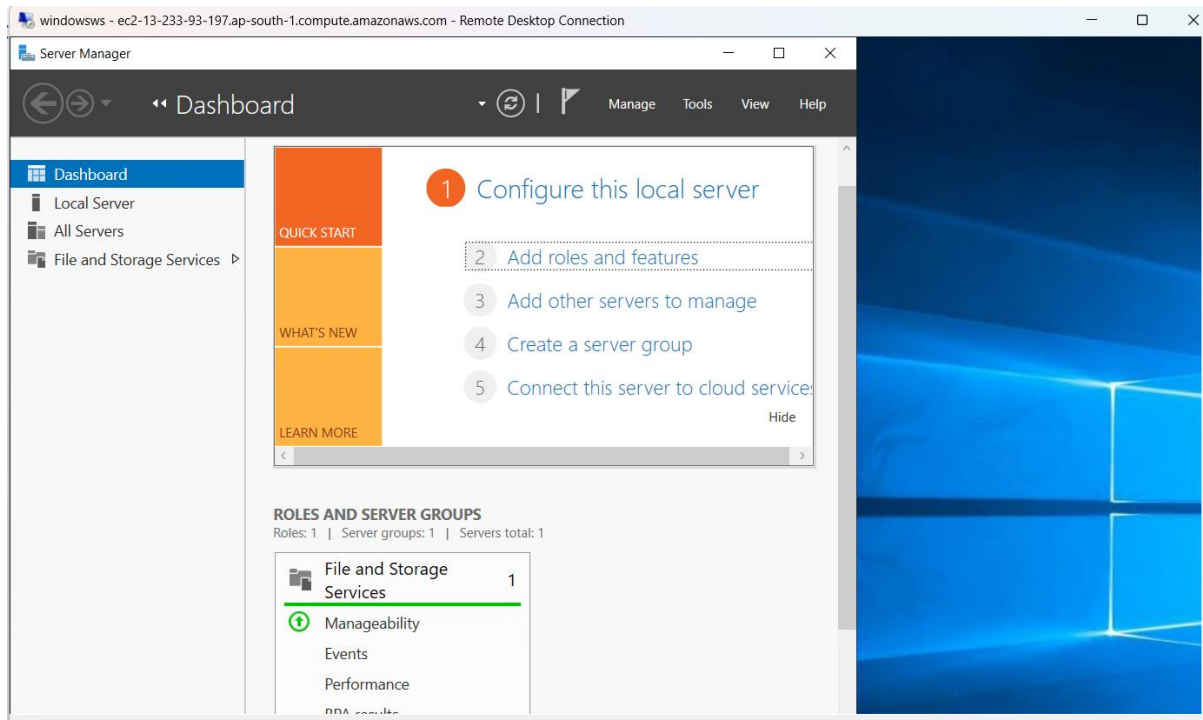
13.233.93.197 | [open address](#)

Private IPv4 addresses

172.31.36.127

Ec2 has installed for windows

In previous aws task we have to connect windows via rdp .follow the same producer.then connect with windows. In search box →server manager →configure all steps 2-5



In server role click web server(iim). Click next next until get install option

 Add Roles and Features Wizard

Select server roles

Before You Begin

Installation Type


Server Selection

Server Roles

Features

Confirmation

Results

 Add Roles and Features Wizard ×

Add features that are required for Web Server (IIS)?

The following tools are required to manage this feature, but do not have to be installed on the same server.

- Web Server (IIS)
 - Management Tools
 - [Tools] IIS Management Console

☒ Include management tools (if applicable)

Add Features Cancel

Select server roles

DESTINATION SERVER
EC2AMAZ-NR2GR84

Before You Begin

Installation Type

Server Selection

Server Roles

Features

Web Server Role (IIS)

Role Services

Confirmation

Results

Select one or more roles to install on the selected server.

Roles

- ☐ Active Directory Certificate Services
- ☐ Active Directory Domain Services
- ☐ Active Directory Federation Services
- ☐ Active Directory Lightweight Directory Services
- ☐ Active Directory Rights Management Services
- ☐ Device Health Attestation
- ☐ DHCP Server
- ☐ DNS Server
- ☐ Fax Server
- ▷ ☒ File and Storage Services (1 of 12 installed)
- ☐ Host Guardian Service
- ☐ Hyper-V
- ☐ Network Controller
- ☐ Network Policy and Access Services
- ☐ Print and Document Services
- ☐ Remote Access
- ☐ Remote Desktop Services
- ☐ Volume Activation Services
- ☒ Web Server (IIS)
- ☐ Windows Deployment Services

Description

Web Server (IIS) provides a reliable, manageable, and scalable Web application infrastructure.

< Previous

Next >

Install

Cancel

Confirm installation selections

DESTINATION SERVER
EC2AMAZ-NR2GR84

Before You Begin

Installation Type

Server Selection

Server Roles

Features

Web Server Role (IIS)

Role Services

Confirmation

Results

To install the following roles, role services, or features on selected server, click Install.

☐ Restart the destination server automatically if required

Optional features (such as administration tools) might be displayed on this page because they have been selected automatically. If you do not want to install these optional features, click Previous to clear their check boxes.

Web Server (IIS)

- Management Tools
 - IIS Management Console
- Web Server
 - Common HTTP Features
 - Default Document
 - Directory Browsing
 - HTTP Errors
 - Static Content
 - Health and Diagnostics
 - HTTP Logging

[Export configuration settings](#)
[Specify an alternate source path](#)

< Previous

Next >

Install

Cancel

Installation progress

DESTINATION SERVER
EC2AMAZ-NR2GR84

Before You Begin

Installation Type

Server Selection

Server Roles

Features

Web Server Role (IIS)

Role Services

Confirmation

Results

View installation progress

i Feature installation

Installation succeeded on EC2AMAZ-NR2GR84.

Web Server (IIS)

- Management Tools
 - IIS Management Console
- Web Server
 - Common HTTP Features
 - Default Document
 - Directory Browsing
 - HTTP Errors
 - Static Content
 - Health and Diagnostics
 - HTTP Logging

1 You can close this wizard without interrupting running tasks. View task progress or open this page again by clicking Notifications in the command bar, and then Task Details.

[Export configuration settings](#)

< Previous

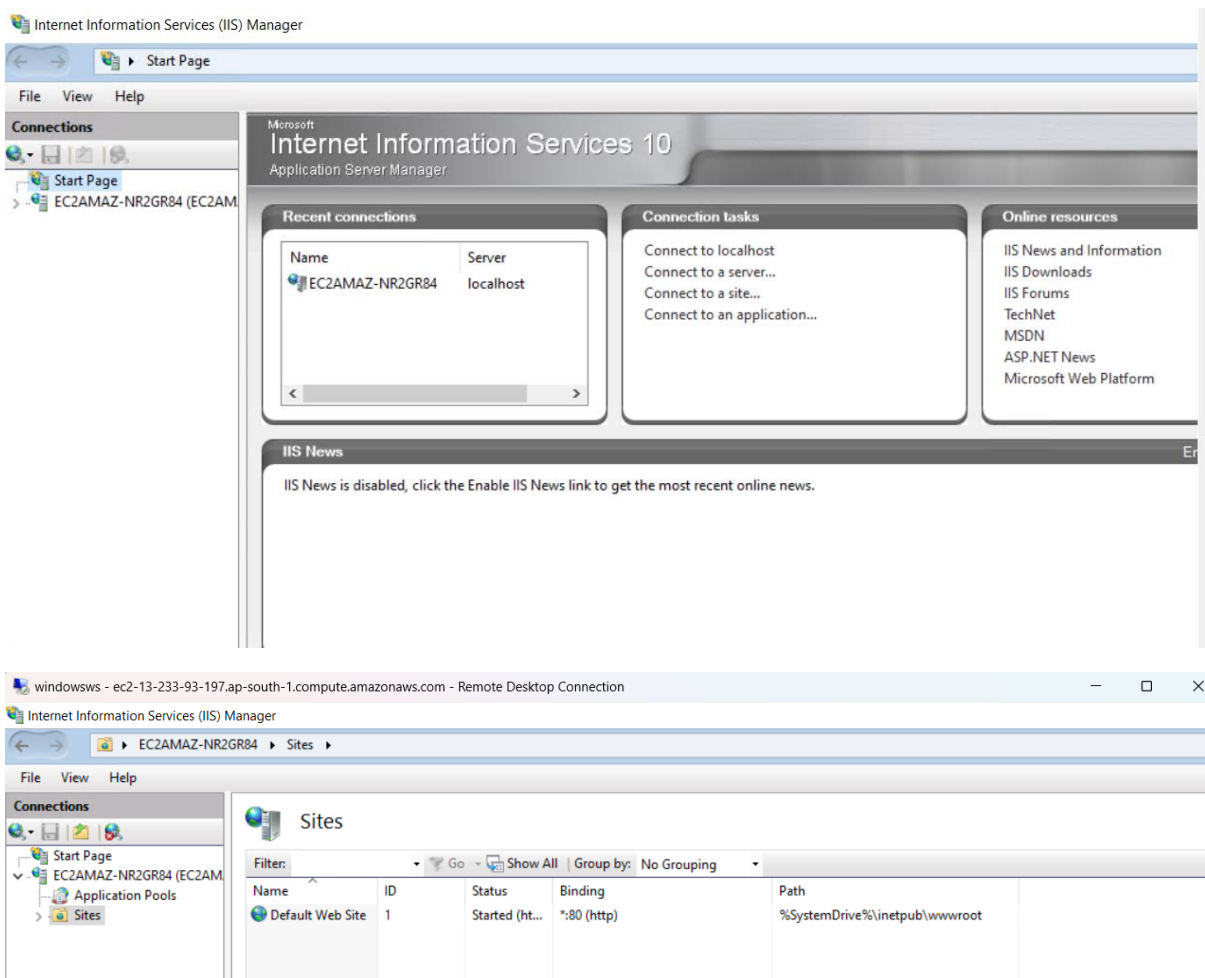
Next >

Close

Cancel

Web server installed for windows

In chatgpt show all steps.i follow this



3. create an EBS volume of 5 GB, attach it to an EC2 machine (Linux):

Volumes (6) [Info](#)

Search

<input type="checkbox"/>	Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot	Created
<input type="checkbox"/>	-	vol-02fd1e1506b271d8f	gp3	8 GiB	3000	125	snap-0f7a56a...	2024/07/10 12:49 GMT+5:...
<input type="checkbox"/>	-	vol-0fe7e0bb90f5f2855	gp3	8 GiB	3000	125	snap-0f7a56a...	2024/07/10 12:54 GMT+5:...
<input type="checkbox"/>	-	vol-02be1d4f22aa916db	gp2	30 GiB	100	-	snap-05c7be9...	2024/07/09 16:21 GMT+5:...
<input type="checkbox"/>	5gib-volume	vol-0a5bbd8ae6cd6f057	gp3	5 GiB	3000	125	-	2024/07/09 18:20 GMT+5:...
<input type="checkbox"/>	5gib-windows...	vol-0088eafdae46b521a	gp3	5 GiB	3000	125	-	2024/07/10 07:59 GMT+5:...
<input type="checkbox"/>	-	vol-08f4c4603621c1a30	gp3	8 GiB	3000	125	snap-0f7a56a...	2024/07/10 10:36 GMT+5:...

Fault tolerance for all volumes in this Region

Snapshot summary Last updated on Wed, Jul 10, 2024, 03:55:54 PM (GMT+05:30)

Recently backed up volumes / Total # volumes

2 / 6

Data Lifecycle Manager default policy for EBS Snapshots status
No default policy set up | [Create policy](#)

Volume settings

Volume type [Info](#)

General Purpose SSD (gp3)

Size (GiB) [Info](#)

5

Min: 1 GiB, Max: 16384 GiB. The value must be an integer.

IOPS [Info](#)

3000

Min: 3000 IOPS, Max: 16000 IOPS. The value must be an integer.

Throughput (MiB/s) [Info](#)

125

Min: 125 MiB, Max: 1000 MiB. Baseline: 125 MiB/s.

5gib mentioned in task. remaining don't change ..click create volume.

<input type="checkbox"/>	5gib-volume	vol-0a5bbd8ae6cd6f057	gp3	5 GiB	3000	125	-	2024/07/09 18:20 GMT+5:...
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While launch instance Default 8gib volume also created along this. Above 5gib we created. After that give name for volume

Attach that volume to our linux ec2

The screenshot shows the AWS Management Console 'Volumes' page. A table lists several volumes. The volume '5gib-volume' with ID 'vol-0a5bbd8ae6cd6f057' is selected. An 'Actions' dropdown menu is open, showing options like 'Modify volume', 'Create snapshot', and 'Attach volume'. The 'Attach volume' option is highlighted with a red box.

Name	Volume ID	Type	Size	IOPS	Throughput	Snapshots
-	vol-02fd1e1506b271d8f	gp3	8 GiB	3000	125	snap-Of
-	vol-0fe7e0bb90f5f2855	gp3	8 GiB	3000	125	snap-Of
-	vol-02be1d4f22aa916db	gp2	30 GiB	100	-	snap-05
5gib-volume	vol-0a5bbd8ae6cd6f057	gp3	5 GiB	3000	125	-
5gib-windows...	vol-0088eafdae46b521a	gp3	5 GiB	3000	125	-
-	vol-08f4c4603621c1a30	gp3	8 GiB	3000	125	snap-Of

In this we select our ec2

The screenshot shows the 'Attach volume' page in the AWS Management Console. The breadcrumb trail is 'EC2 > Volumes > vol-0a5bbd8ae6cd6f057 > Attach volume'. The page title is 'Attach volume'. Below the title, there's a section 'Basic details' with a search bar and a list of instances. The instance 'i-0ccfb398bdea837ea' (webserver-volume snapchar) (running) is selected. Below the list, there's a dropdown for 'Device name' with the value 'i-0ccfb398bdea837ea'. A note at the bottom states: 'Newer Linux kernels may rename your devices to /dev/xvdf through /dev/xvdp internally, even when the device name entered here (and shown in the details) is /dev/sdf through /dev/sdp.'

EC2 > Volumes > vol-0a5bbd8ae6cd6f057 > Attach volume

Attach volume

Attach a volume to an instance to use it as you would a regular physical hard disk drive.

Basic details

Search: |

- i-0ccfb398bdea837ea (webserver-volume snapchar) (running) ✓
- i-073dc0eb17845873a (windowsws) (running)
- i-058387bbec90d47d8 (linuxwebserver) (running)

i-0ccfb398bdea837ea

Only instances in the same Availability Zone as the selected volume are displayed.

Device name: Info

Select a device name

Recommended device names for Linux: /dev/xvda for root volume. /dev/sd[f-p] for data volumes.

i Newer Linux kernels may rename your devices to /dev/xvdf through /dev/xvdp internally, even when the device name entered here (and shown in the details) is /dev/sdf through /dev/sdp.

/dev/sdp default device name

Basic details

Volume ID

vol-0a5bbd8ae6cd6f057 (5gib-volume)

Availability Zone

ap-south-1a

Instance

Info

i-0ccfb398bdea837ea

Only instances in the same Availability Zone as the selected volume are displayed.

Device name

Info

/dev/sdf

Recommended device names for Linux: /dev/xvda for root volume. /dev/sd[f-p] for data volumes.

Newer Linux kernels may rename your devices to **/dev/xvdf** through **/dev/xvdp** internally, even when the device name entered here (and shown in the details) is **/dev/sdf** through **/dev/sdp**.

Cancel

Attach volume

Successfully attached volume vol-0a5bbd8ae6cd6f057 to instance i-0ccfb398bdea837ea.

Volumes (4) Info

Actions

Create volume

Q Search

< 1 >

	Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot	Created
<input type="checkbox"/>	-	vol-0ad824550a8d89234	gp3	8 GiB	3000	125	snap-0f7a56a...	2024/07/09 16:17 GMT+5:...
<input type="checkbox"/>	-	vol-02be1d4f22aa916db	gp2	30 GiB	100	-	snap-05c7be9...	2024/07/09 16:21 GMT+5:...
<input type="checkbox"/>	-	vol-02fb5cdd53900c581	gp3	8 GiB	3000	125	snap-0f7a56a...	2024/07/09 16:56 GMT+5:...
<input type="checkbox"/>	5gib-volume	vol-0a5bbd8ae6cd6f057	gp3	5 GiB	3000	125	-	2024/07/09 18:20 GMT+5:...

Volumes (1) Info

Actions

Create volume

Q Search

Volume ID = vol-0a5bbd8ae6cd6f057

Clear filters

< 1 >

	Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot	Created
<input type="checkbox"/>	5gib-volume	vol-0a5bbd8ae6cd6f057	gp3	5 GiB	3000	125	-	2024/07/09 18:20 GMT+5:...

<input checked="" type="checkbox"/>	5gib-volume	vol-0a5bbd8ae6cd6f057	gp3	5 GiB	3000	125	-	2024/07/09 18:20 GMT+5:...
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Volume ID: vol-0a5bbd8ae6cd6f057 (5gib-volume)

Details	Status checks	Monitoring	Tags
<div>Volume ID</div> <div> vol-0a5bbd8ae6cd6f057 (5gib-volume)</div> <div>AWS Compute Optimizer finding</div> <div> Opt-in to AWS Compute Optimizer for recommendations. Learn more </div> <div>Encryption</div> <div>Not encrypted</div>	<div>Size</div> <div> 5 GiB</div> <div>Volume state</div> <div> Available</div> <div>KMS key ID</div> <div>-</div>	<div>Type</div> <div>gp3</div> <div>IOPS</div> <div>3000</div> <div>KMS key alias</div> <div>-</div>	<div>Volume status</div> <div> Okay</div> <div>Throughput</div> <div>125</div> <div>KMS key ARN</div> <div>-</div>

Instances (1/3) [Info](#) [Connect](#) [Instance state](#) [Actions](#) [Launch instances](#)

<input type="text" value="Find Instance by attribute or tag (case-sensitive)"/>	All states	< 1 >
---	----------------------------	---

<input checked="" type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4
<input checked="" type="checkbox"/>	webserver-vol...	i-0ccfb398bdea837ea	Running	t2.micro	2/2 checks passed	View alarms	ap-south-1a	ec2-13-232
<input type="checkbox"/>	windowssws	i-073dc0eb17845873a	Running	t2.micro	2/2 checks passed	View alarms	ap-south-1a	ec2-43-204
<input type="checkbox"/>	linuxwebserver	i-058387bbec90d47d8	Stopped	t2.micro	-	View alarms	ap-south-1a	-

i-0ccfb398bdea837ea (webserver-volume snapchar)

<input type="checkbox"/>	vol-0a5bbd8ae6cd6f057	/dev/sdf	5	Attached	2024/07/09 18:23 GMT+5:30	No	-
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4. create an EBS volume of 5 GB, attach it to an EC2 machine (windows):

follow above steps for windows ec2

Volume type [Info](#)

General Purpose SSD (gp3) ▼

📘

 General Purpose SSD gp3 is now the default selection. gp3 provides up to 20% lower cost per GB than gp2.
[Learn More](#) 

Size (GiB) [Info](#)

5

Min: 1 GiB, Max: 16384 GiB. The value must be an integer.

IOPS [Info](#)

3000

Min: 3000 IOPS, Max: 16000 IOPS. The value must be an integer.

Throughput (MiB/s) [Info](#)

125


Min: 125 MiB, Max: 1000 MiB. Baseline: 125 MiB/s.

Availability Zone [Info](#)

ap-south-1a ▼

Snapshot ID - *optional* [Info](#)

Don't create volume from a snapshot ▼



Attach volume Info

Attach a volume to an instance to use it as you would a regular physical hard disk drive.

Basic details

Q |

i-0ccfb398bdea837ea
(webserver-volume snapchar) (running)

i-073dc0eb17845873a
(windowssws) (running)

i-058387bbec90d47d8
(linuxwebserver) (stopped)

i-073dc0eb17845873a

▲



Only instances in the same Availability Zone as the selected volume are displayed.

Device name Info

Select a device name ▼

Recommended device names for Windows: /dev/sda1 for root volume. xvd[f-p] for data volumes.

Cancel

Attach volume

<input checked="" type="checkbox"/>	5gib-windows...	vol-0088eafdae46b521a	gp3	5 GiB	3000	125	-	2024/07/10 07:59 GMT+5:
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Volume ID: vol-0088eafdae46b521a (5gib-windowssvol)

Details | Status checks | Monitoring | Tags

Volume ID vol-0088eafdae46b521a (5gib-windowssvol)	Size 5 GiB	Type gp3	Volume status Insufficient data
AWS Compute Optimizer finding Opt-in to AWS Compute Optimizer for recommendations. Learn more	Volume state In-use	IOPS 3000	Throughput 125

Notifications 0 0 2 0 0

Instances (1/3) Info



Connect

Instance state ▼

Actions ▼

Launch instances

Find Instance by attribute or tag (case-sensitive)

All states ▼

< 1 >

<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4
<input type="checkbox"/>	webserver-vol...	i-0ccfb398bdea837ea	Running	t2.micro	2/2 checks passed	View alarms +	ap-south-1a	ec2-13-232
<input checked="" type="checkbox"/>	windowssws	i-073dc0eb17845873a	Running	t2.micro	2/2 checks passed	View alarms +	ap-south-1a	ec2-43-204
<input type="checkbox"/>	linuxwebserver	i-058387bbec90d47d8	Stopped	t2.micro	-	View alarms +	ap-south-1a	-

i-073dc0eb17845873a (windowssws)

<input type="checkbox"/>	vol-0088eafdae46b521a	xvdp	5	Attached	2024/07/10 08:04 GMT+5:30	No	-
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5. snapshot for Linux & Windows:

The screenshot shows the AWS Management Console 'Volumes' page. On the left sidebar, 'Elastic Block Store' > 'Volumes' is selected. The main panel shows a table of volumes. The volume '5gib-volume' (ID: vol-0a5bbd8ae6cd6f057) is selected. The 'Actions' dropdown menu is open, and 'Create snapshot' is highlighted. Below the table, the details for the selected volume are shown.

Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot
-	vol-02fd1e1506b271d8f	gp3	8 GiB	3000	125	snap-Of...
-	vol-0fe7e0bb90f5f2855	gp3	8 GiB	3000	125	snap-Of...
-	vol-02be1d4f22aa916db	gp2	30 GiB	100	-	snap-05...
5gib-volume	vol-0a5bbd8ae6cd6f057	gp3	5 GiB	3000	125	-
5gib-windows...	vol-0088eafdae46b521a	gp3	5 GiB	3000	125	-
-	vol-08f4c4603621c1a30	gp3	8 GiB	3000	125	snap-Of...

Volume ID: vol-0a5bbd8ae6cd6f057 (5gib-volume)

Details	Status checks	Monitoring	Tags
Volume ID vol-0a5bbd8ae6cd6f057 (5gib-volume)	Size 5 GiB	Type gp3	Volume status Okay
AWS Compute Optimizer finding Opt-in to AWS Compute Optimizer for recommendations. Learn more	Volume state Available	IOPS 3000	Throughput 125
Encryption Not encrypted	KMS key ID -	KMS key alias -	KMS key ARN -

This screenshot is similar to the one above, showing the 'Volumes' page with the '5gib-volume' selected. The 'Actions' dropdown menu is open, and 'Create snapshot' is highlighted. The table of volumes and the details for the selected volume are the same as in the previous screenshot.

The screenshot shows the AWS Management Console 'Snapshots' page for the snapshot 'snap-0f2317358777fc475'. The snapshot is in 'Pending' status. The details for the snapshot are shown below.

Snapshot ID	Volume size	Progress	Snapshot status
snap-0f2317358777fc475	5 GiB	Unavailable 99%	Pending
Owner 891377228959	Volume ID vol-0a5bbd8ae6cd6f057	Started Wed Jul 10 2024 08:17:50 GMT+0530 (India Standard Time)	Product codes -
Encryption Not encrypted	KMS key ID -	KMS key alias -	KMS key ARN -
Fast snapshot restore -	Description linuxsnapchat		

Snapchat created for linux. Follow same steps for windows ec2 also.

snap-069a8e6aa080e5ef2

↻

Delete

Actions ▼

Snapshot ID 📄 snap-069a8e6aa080e5ef2	Volume size 📄 5 GiB	Progress ✅ Available (100%)	Snapshot status ✅ Completed
Owner 📄 891377228959	Volume ID 📄 vol-0088eafdae46b521a	Started 📄 Wed Jul 10 2024 08:20:14 GMT+0530 (India Standard Time)	Product codes -
Encryption Not encrypted	KMS key ID -	KMS key alias -	KMS key ARN -
Fast snapshot restore -	Description 📄 windowssnapchat		

Snapshots (1/2) Info

↻

🗑️ Recycle Bin

Actions ▼

Create snapshot

Owned by me ▼

🔍 Search

< 1 > ⚙️

☑	Name ▼	Snapshot ID ▼	Volume size ▼	Description ▼	Storage tier ▼	Snapshot status ▼	Started
<input type="checkbox"/>	linuxsnapchat	snap-069a8e6aa080e5ef2	5 GiB	windowssnapchat	Standard	✅ Completed	2024/07/10 08:20 G
<input checked="" type="checkbox"/>	windowssn...	snap-0f2317358777fc475	5 GiB	linuxsnapchat	Standard	✅ Completed	2024/07/10 08:17 G