

Convert JPG to PDF, Images JPG X VPC Management Console X

eu-north-1.console.aws.amazon.com/vpc/home?region=eu-north-1#Home:

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IAM EC2 S3 VPC

VPC dashboard EC2 Global View New Filter by VPC: Select a VPC ▾

Virtual private cloud Your VPCs New Subnets Route tables Internet gateways Egress-only internet gateways DHCP option sets Elastic IPs Managed prefix lists Endpoints

Create VPC Launch EC2 Instances

Note: Your Instances will launch in the Europe region.

Resources by Region G Refresh Resources

You are using the following Amazon VPC resources

VPCs	Europe 2
Subnets	Europe 3
Route Tables	Europe 3
Internet Gateways	Europe 1
NAT Gateways	Europe 0
VPC Peering Connections	Europe 0
Network ACLs	Europe 2
Security Groups	Europe 8

Service Health

View complete service health details

Settings

Zones Console Experiments

Additional Information

VPC Documentation All VPC Resources Forums Report an Issue

AWS Network Manager

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us-east-1.console.aws.amazon.com/vpc/home?region=us-east-1#VpcDetails:VpcId=vpc-0a68b3f60fcf4dabb

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Managed security lists

You successfully created vpc-0a68b3f60fcf4dabb / myVPC-2

VPC > Your VPCs > vpc-0a68b3f60fcf4dabb

vpc-0a68b3f60fcf4dabb / myVPC-2

Actions ▾

Details		Info	
VPC ID	vpc-0a68b3f60fcf4dabb	State	Available
Tenancy	Default	DHCP option set	dopt-0a3f310dbc5ffda53
Default VPC	No	IPv4 CIDR	10.0.0.0/16
Network Address Usage metrics	Disabled	Route 53 Resolver DNS	Owner ID
		Firewall rule groups	120200897507

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us-east-1.console.aws.amazon.com/vpc/home?region=us-east-1#InternetGateway:internetGatewayId=igw-0d2e482d3e70c3335

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The following internet gateway was created: igw-0d2e482d3e70c3335 - myIGV. You can now attach to a VPC to enable the VPC to communicate with the internet.

Attach to a VPC

VPC > Internet gateways > igw-0d2e482d3e70c3335

igw-0d2e482d3e70c3335 / myIGV

Actions ▾

Details		Info	
Internet gateway ID	igw-0d2e482d3e70c3335	State	Detached
		VPC ID	-
		Owner	120200897507

Tags

Manage tags

Search tags

Key Value

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eu-north-1.console.aws.amazon.com/vpc/home?region=eu-north-1#RouteTableDetails:RouteTableId=rtb-0b725a44cde2678ac

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Route table rtb-0b725a44cde2678ac | myRT was created successfully.

VPC > Route tables > rtb-0b725a44cde2678ac

rtb-0b725a44cde2678ac / myRT

Actions ▾

You can now check network connectivity with Reachability Analyzer Run Reachability Analyzer X

Details		Info
Route table ID	rtb-0b725a44cde2678ac	Main
		<input type="checkbox"/> No
VPC	myVPC	Explicit subnet associations
	120200897507	Edge associations
Owner ID		-
		-

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Route tables (3) Info

Find resources by attribute or tag

Name	Route table ID	Explicit subnet associations	Edge associations
-	rtb-01b1abb00ee0757ae	-	- Yes
-	rtb-0082072664dcd5b12	-	- Yes
myRT	rtb-0b725a44cde2678ac	-	- No

Select a route table

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Routes Subnet associations Edge associations Route propagation Tags

Routes (1)

Filter routes Both < 1 > ⚙️

Destination	Target	Status	Propagated
10.0.0.0/16	local	Active	No

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eu-north-1.console.aws.amazon.com/vpc/home?region=eu-north-1#RouteTableDetails:RouteTableId=rtb-0b725a44cde2678ac

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Route table rtb-0b725a44cde2678ac | myRT was created successfully.

VPC > Route tables > rtb-0b725a44cde2678ac

rtb-0b725a44cde2678ac / myRT

Actions ▾

You can now check network connectivity with Reachability Analyzer Run Reachability Analyzer X

Details		Info
Route table ID	rtb-0b725a44cde2678ac	Main
		<input type="checkbox"/> No
VPC	myVPC	Explicit subnet associations
	120200897507	Edge associations
Owner ID		-
		-

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Route tables (3) Info

Find resources by attribute or tag

Name	Route table ID	Explicit subnet associations	Edge associations
-	rtb-01b1abb00ee0757ae	-	- Yes
-	rtb-0082072664dcd5b12	-	- Yes
myRT	rtb-0b725a44cde2678ac	-	- No

Select a route table

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Filter routes Both < 1 > ⚙️

Destination	Target	Status	Propagated
10.0.0.0/16	local	Active	No

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You successfully created vpc-0a68b3f60fcf4dabb / myVPC-2

VPC > Your VPCs > vpc-0a68b3f60fcf4dabb

vpc-0a68b3f60fcf4dabb / myVPC-2

Actions ▾

Details		Info	
VPC ID	vpc-0a68b3f60fcf4dabb	State	Available
Tenancy	Default	DHCP option set	dopt-0a3f310dbc5ffda53
Default VPC	No	IPv4 CIDR	10.0.0.0/16
Network Address Usage metrics	Disabled	Route 53 Resolver DNS	Owner ID
		Firewall rule groups	120200897507

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us-east-1.console.aws.amazon.com/vpc/home?region=us-east-1#InternetGateway:internetGatewayId=igw-0d2e482d3e70c3335

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Filter by VPC: Select a VPC ▾

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The following internet gateway was created: igw-0d2e482d3e70c3335 - myIGV. You can now attach to a VPC to enable the VPC to communicate with the internet.

Attach to a VPC

VPC > Internet gateways > igw-0d2e482d3e70c3335

igw-0d2e482d3e70c3335 / myIGV

Actions ▾

Details		Info	
Internet gateway ID	igw-0d2e482d3e70c3335	State	Detached
		VPC ID	-
		Owner	120200897507

Tags

Manage tags

Search tags

Key Value

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us-east-1.console.aws.amazon.com/vpc/home?region=us-east-1#AttachInternetGateway:internetGatewayId=igw-0d2e482d3e70c3335

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IAM EC2 S3 VPC

VPC > Internet gateways > Attach to VPC (igw-0d2e482d3e70c3335)

Attach to VPC (igw-0d2e482d3e70c3335) Info

VPC

Attach an internet gateway to a VPC to enable the VPC to communicate with the internet. Specify the VPC to attach below.

Available VPCs

Attach the internet gateway to this VPC.

Search bar: vpc-0c204b6696e0101c6

AWS Command Line Interface command

Cancel **Attach internet gateway**

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us-east-1.console.aws.amazon.com/vpc/home?region=us-east-1#RouteTables:

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VPC dashboard EC2 S3 VPC

Route tables (1/4) Info Actions Create route table

Find resources by attribute or tag

Name	Route table ID	Explicit subnet associations	Edge associations
-	rtb-035279f848fc70de1	-	Yes
<input checked="" type="checkbox"/> privateRT	rtb-0bb2d50b33857e3e9	2 subnets	No
-	rtb-0cb252f658bb8126d	-	Yes

rtb-0bb2d50b33857e3e9 / privateRT

Details Routes Subnet associations Edge associations Route propagation Tags

You can now check network connectivity with Reachability Analyzer Run Reachability Analyzer

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Route tables (1/4) Info

C Actions Create route table

Find resources by attribute or tag

< 1 > ⚙️

Name	Route table ID	Explicit subnet associations	Edge associations
private-1B	subnet-00f4d204e01c73993	10.0.4.0/24	-
private-1A	subnet-0a496180d1da1e319	10.0.3.0/24	-

Subnets without explicit associations (2)

The following subnets have not been explicitly associated with any route tables and are therefore associated with the main route table:

Edit subnet associations

Find subnet association

< 1 > ⚙️

Name	Subnet ID	IPv4 CIDR	IPv6 CIDR
public-1A	subnet-09b2f30d50f62fcfd	10.0.1.0/24	-

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VPC > Route tables > rtb-0bb2d50b33857e3e9 > Edit subnet associations

Edit subnet associations

Change which subnets are associated with this route table.

Available subnets (2/4)

Available subnets (2/4)					
Edit subnet associations					
-	Name	Subnet ID	IPv4 CIDR	IPv6 CIDR	Route table ID
<input checked="" type="checkbox"/>	private-1B	subnet-00f4d204e01c73993	10.0.4.0/24	-	rtb-0bb2d50b33857e3e9 / private-1B
<input type="checkbox"/>	public-1A	subnet-09b2f30d50f62fcfd	10.0.1.0/24	-	Main (rtb-023c0412e8d74136f)
<input type="checkbox"/>	public-1B	subnet-000e9a5b98fdd4194	10.0.2.0/24	-	Main (rtb-023c0412e8d74136f)
<input checked="" type="checkbox"/>	private-1A	subnet-0a496180d1da1e319	10.0.3.0/24	-	rtb-0bb2d50b33857e3e9 / private-1A

Selected subnets

Screenshot of the AWS Management Console showing the Internet gateways page.

The browser tab bar shows multiple open tabs, including "Internet gateways" which is the active tab.

The AWS navigation bar includes links for Gmail, YouTube, News, Instacks, Dashboard, AWS Management..., Cloud Intern Task 2..., GitHub, Cloud Interns for Se..., and Other bookmarks.

The top navigation bar has links for Services (with a search bar), IAM, EC2, S3, and VPC.

The left sidebar for the VPC dashboard shows:

- VPC dashboard
- EC2 Global View (New)
- Filter by VPC: Select a VPC
- Virtual private cloud
 - Your VPCs (New)
 - Subnets
 - Route tables
- Internet gateways
 - Egress-only internet gateways
 - Carrier gateways
 - DHCP option sets
 - Elastic IPs
- More >

The main content area displays the "Internet gateways (2) Info" page. It includes a search bar, a table, and a message.

Internet gateways (2) Info

<input type="checkbox"/>	Name	Internet gateway ID	State	VPC ID
<input type="checkbox"/>	myIGV	igw-0d2e482d3e70c3335	Attached	vpc-0c204b6696e0101c6 myVPC
<input type="checkbox"/>	-	igw-0dba58066c28a1d1b	Attached	vpc-0536927575ca43d98

Select an internet gateway above

Bottom navigation bar includes links for Privacy, Terms, and Cookie preferences.

System tray icons show the date (18-07-2023), time (10:37), battery level (ENG IN), signal strength, and a notification icon.

Address bar: https://us-east-1.console.aws.amazon.com/vpc/home?region=us-east-1#InternetGateway:internetGatewayId=igw-0d2e482d3e70c3335

Route table settings

Name - optional

Create a tag with a key of 'Name' and a value that you specify.

MainRT

VPC

The VPC to use for this route table.

vpc-0c204b6696e0101c6 (myVPC)

Tags

A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

Key

Value - optional

Name



MainRT



Remove

Add new tag

You can add 49 more tags.

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us-east-1.console.aws.amazon.com/vpc/home?region=us-east-1#RouteTableDetails:RouteTableId=rtb-05d2d58bfa660bf9e

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VPC dashboard EC2 S3 VPC

Route table rtb-05d2d58bfa660bf9e | MainRT was created successfully.

VPC > Route tables > rtb-05d2d58bfa660bf9e

rtb-05d2d58bfa660bf9e / MainRT

Actions ▾

You can now check network connectivity with Reachability Analyzer Run Reachability Analyzer

Details		Info
Route table ID	rtb-05d2d58bfa660bf9e	Main
Egress-only internet gateways	No	Explicit subnet associations
Carrier gateways		Edge associations
DHCP option sets		
Elastic IPs		

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VPC > Route tables > rtb-05d2d58bfa660bf9e > Edit routes

Edit routes

Destination	Target	Status	Propagated
10.0.0.0/16	local	Active	No
0.0.0.0/0	igw-0d2e482d3e70c3335	-	No
Add route			Remove

Cancel

Preview

Save changes

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us-east-1.console.aws.amazon.com/vpc/home?region=us-east-1#RouteTableDetails:RouteTableId=rtb-05d2d58bfa660bf9e

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Updated routes for rtb-05d2d58bfa660bf9e / MainRT successfully

Details

VPC > Route tables > rtb-05d2d58bfa660bf9e

rtb-05d2d58bfa660bf9e / MainRT

Actions ▾

You can now check network connectivity with Reachability Analyzer Run Reachability Analyzer

Details		Info
Route table ID	rtb-05d2d58bfa660bf9e	Main
VPC	vpc-0c204b6696e0101c6 myVPC	Owner ID
		120200897507
		Explicit subnet associations
		-
		Edge associations
		-

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us-east-1.console.aws.amazon.com/vpc/home?region=us-east-1#RouteTableDetails:RouteTableId=rtb-05d2d58bfa660bf9e

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Updated routes for rtb-05d2d58bfa660bf9e / MainRT successfully

Details

Routes Subnet associations Edge associations Route propagation Tags

Routes (2) Edit routes

Filter routes Both < 1 > ⚙️

Destination	Target	Status	Propagated
0.0.0.0/0	igw-0d2e482d3e70c3335	Active	No
10.0.0.0/16	local	Active	No

ENG IN 10:40 18-07-2023

A screenshot of the AWS Management Console showing the Subnets page for a VPC in the us-east-1 region. The browser tab is "Subnets | VPC Ma...". The AWS navigation bar includes links for Gmail, YouTube, News, Instacks, Dashboard, AWS Management..., Cloud Intern Task 2..., GitHub, and Cloud Interns for Se... Other bookmarks.

The main content area displays a table of 10 subnets:

		Subnet ID	Status	VPC ID	CIDR Range
<input type="checkbox"/>	-	subnet-061185bb654b7f9cd	Available	vpc-0536927575ca43d98	172.31.0.0/24
<input type="checkbox"/>	-	subnet-0a314e4dd3e778ebf	Available	vpc-0536927575ca43d98	172.31.1.0/24
<input type="checkbox"/>	private-1B	subnet-00f4d204e01c73993	Available	vpc-0c204b6696e0101c6 my...	10.0.4.0/24
<input type="checkbox"/>	-	subnet-0d84ff4b7f4580c37	Available	vpc-0536927575ca43d98	172.31.2.0/24
<input checked="" type="checkbox"/>	public-1A	subnet-09b2f30d50f62fcfd	Available	vpc-0c204b6696e0101c6 my...	10.0.1.0/24
<input type="checkbox"/>	-	subnet-00b35980adcdb3287	Available	vpc-0536927575ca43d98	172.31.3.0/24
<input type="checkbox"/>	-	subnet-074787ba020ff9875	Available	vpc-0536927575ca43d98	172.31.4.0/24
<input type="checkbox"/>	public-1B	subnet-000e9a5b98fdd4194	Available	vpc-0c204b6696e0101c6 my...	10.0.2.0/24
<input type="checkbox"/>	-	subnet-0863f119368144dee	Available	vpc-0536927575ca43d98	172.31.5.0/24
<input type="checkbox"/>	private-1A	subnet-0a496180d1da1e319	Available	vpc-0c204b6696e0101c6 my...	10.0.3.0/24

The sidebar on the left shows the VPC dashboard, EC2 Global View (New), and a dropdown for Filter by VPC. Below these are sections for Virtual private cloud, Your VPCs (New), Subnets, Route tables, Internet gateways, Egress-only internet gateways, Carrier gateways, DHCP option sets, and Elastic IPs.

The bottom of the screen shows the Windows taskbar with icons for File Explorer, Microsoft Edge, File, Microsoft Word, Microsoft Excel, Microsoft Powerpoint, Microsoft OneDrive, Microsoft Teams, Google Chrome, and Microsoft Store. It also displays the date and time (18-07-2023, 10:42), battery status (ENG IN), and network connectivity.

Screenshot of the AWS Management Console showing the Subnets page for a VPC in the us-east-1 region.

The browser tab bar shows several open tabs, including "Subnets | VPC Ma..." which is the active tab.

The AWS navigation bar includes links for Gmail, YouTube, News, Instacks, Dashboard, AWS Management..., Cloud Intern Task 2..., GitHub, Cloud Interns for Se..., and Other bookmarks.

The top navigation bar for the AWS VPC service shows "Services", "Search", and "[Alt+S]" keyboard shortcut.

The main content area displays the "Subnets (1/10)" page with the following table:

<input type="checkbox"/>	-	subnet-061185bb654b7f9cd	Available	vpc-0
<input type="checkbox"/>	-	subnet-0a314e4dd3e778ebf	Available	vpc-0
<input type="checkbox"/>	private-1B	subnet-00f4d204e01c73993	Available	vpc-0
<input type="checkbox"/>	-	subnet-0d84ff4b7f4580c37	Available	vpc-0
<input checked="" type="checkbox"/>	public-1A	subnet-09b2f30d50f62fcfd	Available	vpc-0
<input type="checkbox"/>	-	subnet-00b35980adcdb3287	Available	vpc-0
<input type="checkbox"/>	-	subnet-074787ba020ff9875	Available	vpc-0
<input type="checkbox"/>	public-1B	subnet-000e9a5b98fdd4194	Available	vpc-0
<input type="checkbox"/>	-	subnet-0863f119368144dee	Available	vpc-0
<input type="checkbox"/>	private-1A	subnet-0a496180d1da1e319	Available	vpc-0

The "Actions" column contains a dropdown menu for the selected subnet "public-1A", listing options such as "Edit subnet settings", "Edit IPv6 CIDs", "Edit network ACL association", "Edit route table association", "Edit CIDR reservations", "Share subnet", "Manage tags", and "Delete subnet".

The left sidebar provides navigation for the VPC dashboard, EC2 Global View, and various VPC components like Subnets, Route tables, Internet gateways, Egress-only internet gateways, Carrier gateways, DHCP option sets, and Elastic IPs.

The bottom navigation bar includes links for CloudShell, Feedback, Language, Privacy, Terms, and Cookie preferences.

The system tray at the bottom shows the date (18-07-2023), time (10:42), battery status (ENG IN), signal strength, and a notification icon.

Screenshot of a web browser showing the AWS VPC Management console for editing subnet settings. The URL is us-east-1.console.aws.amazon.com/vpc/home?region=us-east-1#EditSubnetSettings:SubnetId=subnet-09b2f30d50f62fcfd.

The page displays the "Auto-assign IP settings" section, which includes two options:

- Enable auto-assign public IPv4 address [Info](#)
- Enable auto-assign customer-owned IPv4 address [Info](#)
Option disabled because no customer owned pools found.

Below this, the "Resource-based name (RBN) settings" section is shown, with the following configuration:

- Enable resource name DNS A record on launch [Info](#)
- Enable resource name DNS AAAA record on launch [Info](#)

For the "Hostname type" setting, the "IP name" option is selected:

- Resource name
- IP name

At the bottom of the page, there are standard navigation links and system status indicators, including CloudShell, Feedback, Language, Privacy, Terms, and Cookie preferences. The weather is 28°C Cloudy, and the system time is 10:42 on 18-07-2023.

⚡ tuesday.methods x | 🔨 Python Operators x | 📡 Telegram Web x | 💬 WhatsApp x | Subnets | VPC Ma x | Cloud Intern Task x | +

us-east-1.console.aws.amazon.com/vpc/home?region=us-east-1#subnets:

Gmail YouTube News Instacks Dashboard AWS Management... Cloud Intern Task 2... GitHub Cloud Interns for Se... Other bookmarks

AWS Services Search [Alt+S]

VPC dashboard EC2 S3 VPC

You have successfully changed subnet settings:

- Enable auto-assign public IPv4 address

Subnets (1/10) Info Actions Create subnet

Name	Subnet ID	State	VPC	IPv4 CIDR
-	subnet-061185bb654b7f9cd	Available	vpc-0536927575ca43d98	172.31.32
-	subnet-0a314e4dd3e778ebf	Available	vpc-0536927575ca43d98	172.31.48
private-1B	subnet-00f4d204e01c73993	Available	vpc-0c204b6696e0101c6 my...	10.0.4.0/2
	subnet-0d01ffab7faef90c27	Available	vpc-0536927575ca43d98	172.31.0/24

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us-east-1.console.aws.amazon.com/vpc/home?region=us-east-1#SecurityGroups:

Gmail YouTube News Instacks Dashboard AWS Management... Cloud Intern Task 2... GitHub Cloud Interns for Se... Other bookmarks

aws Services Search [Alt+S]

IAM EC2 S3 VPC DHCP option sets

Elastic IPs

Managed prefix lists

Endpoints

Endpoint services

NAT gateways

Peering connections

▼ Security

Network ACLs

Security groups

▼ DNS firewall

Rule groups

Domain lists

▼ Network Firewall

Firewalls

CloudShell Feedback Language

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28°C Cloudy

Search

Cloud Intern Task 2...

Cloud Interns for Se...

N. Virginia Meghana Oruganti

Security Groups (4) Info

C Actions Export security groups to CSV Create security group

	Name	Security group ID	Security group name	VPC ID	Description
<input type="checkbox"/>	-	sg-062b316401f3acffb	default	vpc-0c204b6696e0101c6	default VPC s
<input type="checkbox"/>	-	sg-00469d60413b236f1	default	vpc-0536927575ca43d98	default VPC s
<input type="checkbox"/>	-	sg-034fe6c30301c35de	default	vpc-0a68b3f60fcf4dabb	default VPC s
<input type="checkbox"/>	-	sg-0cac0a9136f4b673f	launch-wizard-1	vpc-0536927575ca43d98	launch-wizard

10:47 18-07-2023

vpc-0536927575ca43d98

Inbound rules Info					
Type Info	Protocol Info	Port range Info	Source Info	Description - optional Info	
SSH	TCP	22	Anywhere ▼ <input type="text"/> Search 0.0.0.0/0 X		Delete
HTTP	TCP	80	Anywhere ▼ <input type="text"/> Search 0.0.0.0/0 X		Delete

All traffic ▾ All Custom ▾ X Delete

Add rule

Tags - optional

A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

No tags associated with the resource.

Add new tag

You can add up to 50 more tags

Cancel

Create security group

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us-east-1.console.aws.amazon.com/vpc/home?region=us-east-1#CreateSecurityGroup:

Gmail YouTube News Instacks Dashboard AWS Management... Cloud Intern Task 2... GitHub Cloud Interns for Se... Other bookmark

aws Services Search [Alt+S]

IAM EC2 S3 VPC

VPC > Security Groups > Create security group

Create security group Info

A security group acts as a virtual firewall for your instance to control inbound and outbound traffic. To create a new security group, complete the fields below.

Basic details

Security group name Info

WebAccess-myVPC

Name cannot be edited after creation.

Description Info

WebAccess-myVPC

VPC Info

vpc-0536927575ca43d98

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us-east-1.console.aws.amazon.com/vpc/home?region=us-east-1#SecurityGroup:groupId=sg-03725b5eda90ebc4a

Gmail YouTube News Instacks Dashboard AWS Management... Cloud Intern Task 2... GitHub Cloud Interns for Se... Other bookmarks

aws Services Search [Alt+S]

IAM EC2 S3 VPC

VPC dashboard X

EC2 Global View New

Filter by VPC:
Select a VPC ▾

Virtual private cloud

Your VPCs New

Subnets

Route tables

Internet gateways

Egress-only internet gateways

Carrier gateways

DHCP option sets

Elastic IPs

Managed security lists

CloudShell Feedback Language

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Search

Cloud Shell Feedback Language

ENG IN 10:50 18-07-2023

Security group (sg-03725b5eda90ebc4a | WebAccess-myVPC) was created successfully

▶ Details

VPC > Security Groups > sg-03725b5eda90ebc4a - WebAccess-myVPC

sg-03725b5eda90ebc4a - WebAccess-myVPC

Actions ▾

Details			
Security group name	Security group ID	Description	VPC ID
WebAccess-myVPC	sg-03725b5eda90ebc4a	WebAccess-myVPC	vpc-0536927575ca43d98
Owner	Inbound rules count	Outbound rules count	
120200897507	2 Permission entries	1 Permission entry	

A screenshot of the AWS Management Console VPC Management service. The browser tab shows "us-east-1.console.aws.amazon.com/vpc/home?region=us-east-1#SecurityGroups:". The AWS navigation bar includes links for Gmail, YouTube, News, Instacks, Dashboard, AWS Management..., Cloud Intern Task 2..., GitHub, Cloud Interns for Se..., and Other bookmarks. The top navigation bar has tabs for Services, Search, and [Alt+S]. The main menu on the left lists VPC dashboard, EC2 Global View (New), Filter by VPC (Select a VPC dropdown), Virtual private cloud (Your VPCs New, Subnets, Route tables, Internet gateways, Egress-only internet gateways, Carrier gateways, DHCP option sets, Elastic IPs), and Managed security groups. The main content area displays the "Security Groups (5)" page with the following table:

<input type="checkbox"/>	Name	Security group ID	Security group name	VPC ID	Description
<input type="checkbox"/>	-	sg-062b316401f3acffb	default	vpc-0c204b6696e0101c6	default VP
<input type="checkbox"/>	-	sg-03725b5eda90ebc4a	WebAccess-myVPC	vpc-0536927575ca43d98	WebAccess
<input type="checkbox"/>	-	sg-00469d60413b236f1	default	vpc-0536927575ca43d98	default VP
<input type="checkbox"/>	-	sg-034fe6c30301c35de	default	vpc-0a68b3f60fcf4dabb	default VP
<input type="checkbox"/>	-	sg-0cac0a9136f4b673f	launch-wizard-1	vpc-0536927575ca43d98	launch-wiz

The bottom navigation bar includes CloudShell, Feedback, Language, Privacy, Terms, and Cookie preferences. The system tray shows the date (18-07-2023), time (10:51), battery level (ENG IN), signal strength, and a notification icon.

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

publicInstance

Add additional tags

Application and OS Images (Amazon Machine Image) Info

▼ Summary

Number of instances Info

1

Software Image (AMI)

Amazon Linux 2023 AMI 2023.1.2... [read more](#)
ami-06ca3ca175f37dd66

Virtual server type (instance type)

t2.micro

Firewall (security group)

New security group

Cancel

Launch instance

Review commands

⚡ tuesday.methods | 🔴 Python Operators | 💬 Telegram Web | 📞 WhatsApp | 🚀 Launch an instance | 📁 Cloud Intern Task | +

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

Gmail YouTube News Instacks Dashboard AWS Management... Cloud Intern Task 2... GitHub Cloud Interns for Se... Other bookmarks

AWS Services Search [Alt+S]

IAM EC2 S3 VPC

Instance type

t2.micro Free tier eligible

Family: t2 1 vCPU 1 GiB Memory Current generation: true
On-Demand Windows pricing: 0.0162 USD per Hour
On-Demand SUSE pricing: 0.0116 USD per Hour
On-Demand RHEL pricing: 0.0716 USD per Hour
On-Demand Linux pricing: 0.0116 USD per Hour

All generations

Compare instance types

▼ Key pair (login) Info

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

Key pair name - required

Proceed without a key pair (Not recommended) Default value ▾ Create new key pair

▼ Summary

Number of instances [Info](#) 1

Software Image (AMI)

Amazon Linux 2023 AMI 2023.1.2... [read more](#)
ami-06ca3ca175f37dd66

Virtual server type (instance type)

t2.micro

Firewall (security group)

New security group

Cancel [Launch instance](#)

Review commands

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

Gmail YouTube News Instacks Dashboard AWS Management... Cloud Intern Task 2... GitHub Cloud Interns for Se... Other bookmarks

aws Services Search [Alt+S]

IAM EC2 S3 VPC

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

Security group name - *required*
launch-wizard-2

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

Description - *required* [Info](#)
launch-wizard-2 created 2023-07-18T05:22:11.184Z

Inbound Security Group Rules

▼ Security group rule 1 (TCP, 22, 0.0.0.0/0)

Type [Info](#): ssh Protocol [Info](#): TCP Port range [Info](#): 22 Remove

Summary

Number of instances [Info](#)
1

Software Image (AMI)
Amazon Linux 2023 AMI 2023.1.2... [read more](#)
ami-06ca3ca175f37dd66

Virtual server type (instance type)
t2.micro

Firewall (security group)
New security group

Cancel [Launch instance](#)

Review commands

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

Gmail YouTube News Instacks Dashboard AWS Management... Cloud Intern Task 2... GitHub Cloud Interns for Se... Other bookmarks

aws Services Search [Alt+S]

IAM EC2 S3 VPC

Source type [Info](#) Source [Info](#) Description - optional [Info](#)
Anywhere Add CIDR, prefix list or security rule e.g. SSH for admin desktop

0.0.0.0/0 ::/0

▼ Security group rule 2 (TCP, 80)
Type [Info](#) Protocol [Info](#) Port range [Info](#)
HTTP TCP 80

Source type [Info](#) Source [Info](#) Description - optional [Info](#)
Custom Add CIDR, prefix list or security rule e.g. SSH for admin desktop

⚠ 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. X

Add security group rule

▼ Summary

Number of instances [Info](#)
1

Software Image (AMI)
Amazon Linux 2023 AMI 2023.1.2... [read more](#)
ami-06ca3ca175f37dd66

Virtual server type (instance type)
t2.micro

Firewall (security group)
New security group

Cancel **Launch instance**

Review commands

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

Gmail YouTube News Instacks Dashboard AWS Management... Cloud Intern Task 2... GitHub Cloud Interns for Se... Other bookmarks

aws Services Search [Alt+S]

IAM EC2 S3 VPC

Upload a file with your user data or enter it in the field.

```
#!/bin/bash
yum update -y
yum install -y httpd
systemctl start httpd
systemctl enable httpd
```

▼ Summary

Number of instances [Info](#)

Software Image (AMI)
Amazon Linux 2023 AMI 2023.1.2...[read more](#)
ami-06ca3ca175f37dd66

Virtual server type (instance type)
t2.micro

Firewall (security group)
[New security group](#)

[Review commands](#)

User data has already been base64 encoded

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Cloudy



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Success

Successfully initiated launch of instance ([i-023c3d7d8d5877542](#))

▶ Launch log

Next Steps

What would you like to do next with this instance, for example "create alarm" or "create backup"

< 1 2 3 4 5 6 >

Create billing and free tier usage alerts

Connect to your instance

Once your instance is running

Connect an RDS database

Create EBS snapshot policy



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

Gmail YouTube News Instacks Dashboard AWS Management... Cloud Intern Task 2... GitHub Cloud Interns for Se... Other bookmarks

aws Services Search [Alt+S]

IAM EC2 S3 VPC

▼ Network settings [Info](#)

VPC - required [Info](#)
vpc-0c204b6696e0101c6 (myVPC)
10.0.0.0/16

Subnet [Info](#)
subnet-09b2f30d50f62fcfd public-1A
VPC: vpc-0c204b6696e0101c6 Owner: 120200897507
Availability Zone: us-east-1a IP addresses available: 251 CIDR: 10.0.1.0/24

Create new subnet [\[+\]](#)

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

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

Security group name - required

▼ Summary

Number of instances [Info](#)
1

Software Image (AMI)
Amazon Linux 2023 AMI 2023.1.2... [read more](#)
ami-06ca3ca175f37dd66

Virtual server type (instance type)
t2.micro

Firewall (security group)
New security group

Cancel [Launch instance](#)

Review commands

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

Gmail YouTube News Instacks Dashboard AWS Management... Cloud Intern Task 2... GitHub Cloud Interns for Se... Other bookmarks

aws Services Search [Alt+S]

IAM EC2 S3 VPC

Type Info Protocol Info Port range Info
ssh TCP 22

Source type Info Source Info Description - optional Info
Anywhere Add CIDR, prefix list or secur e.g. SSH for admin desktop

0.0.0.0/0 X ::/0 X

▼ Security group rule 2 (ICMP, All, Multiple sources)
Remove

Type Info Protocol Info Port range Info
All ICMP - IPv4 ICMP All

Source type Info Source Info Description - optional Info
Anywhere Add CIDR, prefix list or secur e.g. SSH for admin desktop

0.0.0.0/0 X ::/0 X

▼ Summary

Number of instances Info 1

Software Image (AMI) Amazon Linux 2023 AMI 2023.1.2...read more ami-06ca3ca175f37dd66

Virtual server type (instance type) t2.micro

Firewall (security group) New security group

Cancel Launch instance

Review commands

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

Gmail YouTube News Instacks Dashboard AWS Management... Cloud Intern Task 2... GitHub Cloud Interns for Se... Other bookmarks

AWS Services Search [Alt+S]

IAM EC2 S3 VPC

EC2 > Instances > Launch an instance

 Success
Successfully initiated launch of instance (i-07c2c09db8691fe8b)

▶ Launch log

Next Steps

What would you like to do next with this instance, for example "create alarm" or "create backup"

1 2 3 4 5 6 >

Create billing and free tier usage alerts

Connect to your instance
Once your instance is running

Connect an RDS database

Create EBS snapshot policy

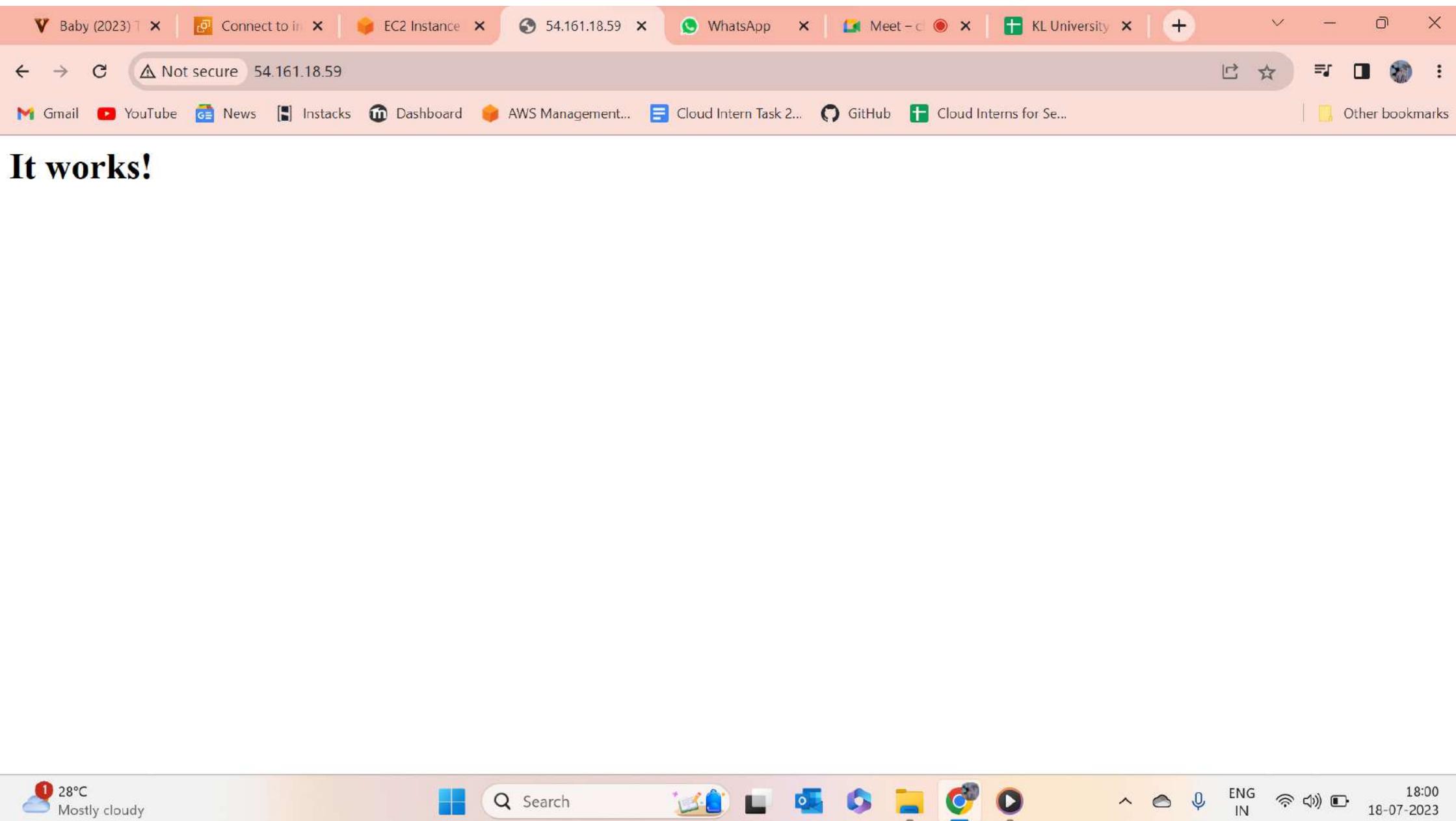
CloudShell Feedback Language

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Search

11:09 18-07-2023 ENG IN



V Baby (2023) | Connect to in... | EC2 Instance | 54.161.18.59 | (1) WhatsApp | Meet - d | KL University | +

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-098d58f15a45e5478&osUser...

Gmail YouTube News Instacks Dashboard AWS Management... Cloud Intern Task 2... GitHub Cloud Interns for Se... Other bookmarks

aws Services Search [Alt+S]

IAM EC2 S3 VPC

```
'~\_\#\#\#_ Amazon Linux 2023
~~ \####\_
~~ \|##|
~~ \#/ https://aws.amazon.com/linux/amazon-linux-2023
~~ v~, '--->
~~~ /_
~~ ._. /_
/_m/' [ec2-user@ip-172-31-38-10 ~]$
```

i-098d58f15a45e5478 (public1)

Public IPs: 54.161.18.59 Private IPs: 172.31.38.10

Connect to in × EC2 Instance × EC2 Instance × 54.161.18.59 × (1) WhatsApp × Meet - d × KL University × +

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-098d58f15a45e5478&osUser=ec2...

Gmail YouTube News Instacks Dashboard AWS Management... Cloud Intern Task 2... GitHub Cloud Interns for Se... Other bookmarks

aWS Services Search [Alt+S]

IAM EC2 S3 VPC

/m/'

```
Last login: Tue Jul 18 12:46:16 2023 from 18.206.107.29
[ec2-user@ip-172-31-38-10 ~]$ ping 172.31.83.135
PING 172.31.83.135 (172.31.83.135) 56(84) bytes of data.
64 bytes from 172.31.83.135: icmp_seq=1 ttl=127 time=1.87 ms
64 bytes from 172.31.83.135: icmp_seq=2 ttl=127 time=1.15 ms
64 bytes from 172.31.83.135: icmp_seq=3 ttl=127 time=1.04 ms
64 bytes from 172.31.83.135: icmp_seq=4 ttl=127 time=1.28 ms
64 bytes from 172.31.83.135: icmp_seq=5 ttl=127 time=1.10 ms
64 bytes from 172.31.83.135: icmp_seq=6 ttl=127 time=1.05 ms
64 bytes from 172.31.83.135: icmp_seq=7 ttl=127 time=1.05 ms
64 bytes from 172.31.83.135: icmp_seq=8 ttl=127 time=1.03 ms
64 bytes from 172.31.83.135: icmp_seq=9 ttl=127 time=1.13 ms
64 bytes from 172.31.83.135: icmp_seq=10 ttl=127 time=1.11 ms
64 bytes from 172.31.83.135: icmp_seq=11 ttl=127 time=1.06 ms
64 bytes from 172.31.83.135: icmp_seq=12 ttl=127 time=1.07 ms
64 bytes from 172.31.83.135: icmp_seq=13 ttl=127 time=1.02 ms
64 bytes from 172.31.83.135: icmp_seq=14 ttl=127 time=1.06 ms
```

i-098d58f15a45e5478 (public1)

Public IPs: 54.161.18.59 Private IPs: 172.31.38.10

Connect to in × EC2 Instance × EC2 Instance × 54.161.18.59 × (1) WhatsApp × Meet - d × KL University × + ↻ ⌂ ⌂ ⌂ ⌂ ⌂ ⌂

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-098d58f15a45e5478&osUser=ec2-...

Gmail YouTube News Instacks Dashboard AWS Management... Cloud Intern Task 2... GitHub Cloud Interns for Se... Other bookmarks

aWS Services Search [Alt+S]

IAM EC2 S3 VPC

```
64 bytes from 172.31.83.135: icmp_seq=35 ttl=127 time=1.07 ms
64 bytes from 172.31.83.135: icmp_seq=36 ttl=127 time=1.06 ms
64 bytes from 172.31.83.135: icmp_seq=37 ttl=127 time=1.02 ms
64 bytes from 172.31.83.135: icmp_seq=38 ttl=127 time=1.13 ms
64 bytes from 172.31.83.135: icmp_seq=39 ttl=127 time=1.07 ms
64 bytes from 172.31.83.135: icmp_seq=40 ttl=127 time=1.06 ms
64 bytes from 172.31.83.135: icmp_seq=41 ttl=127 time=1.06 ms
64 bytes from 172.31.83.135: icmp_seq=42 ttl=127 time=1.01 ms
64 bytes from 172.31.83.135: icmp_seq=43 ttl=127 time=1.08 ms
64 bytes from 172.31.83.135: icmp_seq=44 ttl=127 time=1.09 ms
64 bytes from 172.31.83.135: icmp_seq=45 ttl=127 time=1.14 ms
64 bytes from 172.31.83.135: icmp_seq=46 ttl=127 time=1.08 ms
64 bytes from 172.31.83.135: icmp_seq=47 ttl=127 time=1.11 ms
^C
--- 172.31.83.135 ping statistics ---
47 packets transmitted, 47 received, 0% packet loss, time 46055ms
rtt min/avg/max/mdev = 0.999/1.083/1.871/0.125 ms
[ec2-user@ip-172-31-38-10 ~]$
```

i-098d58f15a45e5478 (public1)

Public IPs: 54.161.18.59 Private IPs: 172.31.38.10