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vpc-f8cca793

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Explore AWS

10 Things You Can Do Today to Reduce AWS Costs

Explore how to effectively manage your AWS costs without compromising on performance or capacity.

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Launch VPC Wizard

Launch EC2 Instances

Note: Your Instances will launch in the US East (Ohio) region.

Resources by Region

You are using the following Amazon VPC resources

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See all regions

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Service Health

Current Status

Details

Amazon EC2 - US East (Ohio)

Service is operating normally

View complete service health details

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Transit Gateway Network Manager

Network Manager enables centrally manage your global network across AWS and on-premises.

Get started with Network Manager

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New VPC Experience

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Your VPCs (1)

Info

Filter VPCs

< 1 >

Actions

Create VPC

	Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR	IPv6 pool
<input type="checkbox"/>	-	vpc-f8cca793	Available	172.31.0.0/16	-	-

Select a VPC above

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Create VPC

Info

A VPC is an isolated portion of the AWS cloud populated by AWS objects, such as Amazon EC2 instances.

VPC settings

Name tag - optional

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

myvpc150921

IPv4 CIDR block

10.0.0.0/16

IPv6 CIDR block

No IPv6 CIDR block

Amazon-provided IPv6 CIDR block

IPv6 CIDR owned by me

Tenancy

Default

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.

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You successfully created vpc-0a3c271c5bfa3d681 / myvpc150921

VPC > Your VPCs > vpc-0a3c271c5bfa3d681

vpc-0a3c271c5bfa3d681 / myvpc150921

Actions

Details

Info

VPC ID

vpc-0a3c271c5bfa3d681

Tenancy

Default

Default VPC

No

Route 53 Resolver DNS Firewall rule groups

-

State

Available

DHCP options set

dopt-0a612d61

IPv4 CIDR

10.0.0/16

Owner ID

444794327289

DNS hostnames

Disabled

Main route table

rtb-058a588b70991ef40

IPv6 pool

-

DNS resolution

Enabled

Main network ACL

acl-09c86afd9fefdb80b

IPv6 CIDR

-

CIDRs

Flow logs

Tags

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Internet gateways (1/1)

Info

Actions

Create Internet gateway

Filter internet gateways

< 1 >

Name

Internet gateway ID

State

VPC ID

Owner

-

igw-247e6a4c

Attached

vpc-f8cca793

444794327289

igw-247e6a4c

Details

Tags

Internet gateway ID

igw-247e6a4c

State

Attached

VPC ID

vpc-f8cca793

Owner

444794327289

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VPC

Internet gateways

Create internet gateway

Create internet gateway

An internet gateway is a virtual router that connects a VPC to the internet. To create a new internet gateway specify the name for the gateway below.

Internet gateway settings

Name tag

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

myigw

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.

Key

Value - optional

Q Name X

Q myigw X

Remove

Add new tag

You can add 49 more tags.

Cancel

Create internet gateway

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The following internet gateway was created: igw-0b7841cf807ea3731 . You can now attach to a VPC to enable the VPC to communicate with the internet.

Attach to a VPC

VPC

Internet gateways

igw-0b7841cf807ea3731

igw-0b7841cf807ea3731 / myigw

Details

Info

Internet gateway ID

igw-0b7841cf807ea3731

State

Detached

VPC ID

-

Owner

444794327289

Tags

Manage tags

Search tags

Key	Value
Name	myigw

Actions

Attach to VPC

Detach from VPC

Manage tags

Delete

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VPC

Internet gateways

Attach to VPC (igw-0b7841cf807ea3731)

Attach to VPC (igw-0b7841cf807ea3731)

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.

Q Select a VPC

vpc-0a3c271c5bfa3d681 - myvpc150921

AWS Command Line Interface command

Cancel

Attach Internet gateway

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Filter by VPC:

Q Select a VPC

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Connections

Internet gateway igw-0b7841cf807ea3731 successfully attached to vpc-0a3c271c5bfa3d681

VPC

Internet gateways

igw-0b7841cf807ea3731

igw-0b7841cf807ea3731 / myigw

Actions

Details

Info

Internet gateway ID

igw-0b7841cf807ea3731

State

Attached

VPC ID

vpc-0a3c271c5bfa3d681 | myvpc150921

Owner

444794327289

Tags

Manage tags

Q Search tags

< 1 >

Key

Value

Name

myigw

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Subnets (3)

Info

Filter subnets

Name

Subnet ID

State

VPC

IPv4 CIDR

IPv6 CIDR

-

subnet-b4f8c8f8

Available

vpc-f8cca793

172.31.32.0/20

-

-

subnet-203fac4b

Available

vpc-f8cca793

172.31.0.0/20

-

-

subnet-fcad6581

Available

vpc-f8cca793

172.31.16.0/20

-

Select a subnet

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VPC

Subnets

Create subnet

Create subnet

Info

VPC

VPC ID

Create subnets in this VPC.

vpc-0a3c271c5bfa3d681 (myvpc150921)

Associated VPC CIDRs

IPv4 CIDRs

10.0.0.0/16

Subnet settings

Specify the CIDR blocks and Availability Zone for the subnet.

Subnet 1 of 1

Subnet name

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

mysubnet

The name can be up to 256 characters long.

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Subnet settings

Specify the CIDR blocks and Availability Zone for the subnet.

Subnet 1 of 1

Subnet name

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

mysubnet

The name can be up to 256 characters long.

Availability Zone

Info

Choose the zone in which your subnet will reside, or let Amazon choose one for you.

No preference

IPv4 CIDR block

Info

10.0.0.0/24

Tags - optional

Key

Name

Value - optional

mysubnet

Remove

Add new tag

You can add 49 more tags.

Remove

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You have successfully created 1 subnet: subnet-0ff991b201b834b9a

Subnets (1)

Info

Filter subnets

Subnet ID: subnet-0ff991b201b834b9a

Clear filters

	Name	Subnet ID	State	VPC	IPv4 CIDR	IPv6 CIDR
	mysubnet	subnet-0ff991b201b834b9a	Available	vpc-0a3c271c5bfa3d681   my...	10.0.0.0/24	-

Select a subnet

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Subnets | VPC Management Console — Mozilla Firefox

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https://us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#subnets:SubnetId=subnet-0ff991b201b834b9a

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You have successfully created 1 subnet: subnet-0ff991b201b834b9a

Subnets (1/1) Info

Filter subnets

Subnet ID: subnet-0ff991b201b834b9a Clear filters

	Name	Subnet ID	State	VPC
<input checked="" type="checkbox"/>	mysubnet	subnet-0ff991b201b834b9a	Available	vpc-0a3c271c5bfa3d681   my.

subnets-0ff991b201b834b9a / mysubnet

Details Flow logs Route table Network ACL CIDR reservations Sharing Tags

Details

Subnet ID Subnet ARN State IPv4 CIDR

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VPC Subnets subnet-0ff991b201b834b9a Modify auto-assign IP settings

## Modify auto-assign IP settings Info

Enable the auto-assign IP address setting to automatically request a public IPv4 or IPv6 address for a new network interface in this subnet.

**Settings**

Subnet ID  
subnet-0ff991b201b834b9a

Auto-assign IPv4 Info

☒ Enable auto-assign public IPv4 address

Auto-assign customer-owned IPv4 address Info

☐ Enable auto-assign customer-owned IPv4 address  
Option disabled because no customer owned pools found.

Cancel Save

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You have successfully modified auto-assign IP settings.

Public IPv4 address

Subnets (1/1)

Info

Actions

Create subnet

Filter subnets

Subnet ID: subnet-0ff991b201b834b9a

Clear filters

<input checked="" type="checkbox"/>	Name	Subnet ID	State	VPC	IPv4 CIDR	IPv6 CIDR
<input checked="" type="checkbox"/>	mysubnet	subnet-0ff991b201b834b9a	Available	vpc-0a3c271c5bfa3d681   my...	10.0.0.0/24	-

subnet-0ff991b201b834b9a / mysubnet

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Route tables (2)

Info

Actions

Create route table

Filter route tables

<input type="checkbox"/>	Name	Route table ID	Explicit subnet associat...	Edge associations	Main	VPC	Ow...
<input type="checkbox"/>	-	rtb-058a588b70991ef40	-	-	Yes	vpc-0a3c271c5bfa3d681   my...	44479.
<input type="checkbox"/>	-	rtb-43407328	-	-	Yes	vpc-f8cca793	44479.

Select a route table

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Route tables

Create route table

Create route table

A route table specifies how packets are forwarded between the subnets within your VPC, the internet, and your VPN connection.

Route table settings

Name - optional

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

myroute

VPC

The VPC to use for this route table.

vpc-0a3c271c5bfa3d681 (myvpc150921)

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

Q Name

Value - optional

Q myroute

Remove

Add new tag

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Route table rtb-00eabbb307a61b7a4 | myroute was created successfully.

VPC

Route tables

rtb-00eabbb307a61b7a4

rtb-00eabbb307a61b7a4 / myroute

You can now check network connectivity with Reachability Analyzer

Run Reachability Analyzer

Details

Route table ID

rtb-00eabbb307a61b7a4

Main

No

Explicit subnet associations

Edge associations

VPC

vpc-0a3c271c5bfa3d681 | myvpc150921

Owner ID

444794327289

Routes

Subnet associations

Edge associations

Route propagation

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Routes (1)

Edit routes

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https://us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#RouteTableDetails:RouteTableId=rtb-00eabbb307a61b7a4

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Route table rtb-00eabbb307a61b7a4 | myroute was created successfully.

VPC > Route tables > rtb-00eabbb307a61b7a4

### rtb-00eabbb307a61b7a4 / myroute

You can now check network connectivity with Reachability Analyzer

Run Reachability Analyzer

Details Info

Route table ID	Main	Explicit subnet associations	Edge associations
rtb-00eabbb307a61b7a4	No	-	-
VPC	Owner ID		
vpc-0a3c271c5bfa3d681   myvpc150921	444794327289		

Routes Subnet associations Edge associations Route propagation Tags

Routes (1) Edit routes

Actions

- Set main route table
- Edit subnet associations
- Edit edge associations
- Edit route propagation
- Edit routes
- Manage tags
- Delete

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Route table rtb-00eabbb307a61b7a4 | myroute was created successfully.

VPC > Route tables > rtb-00eabbb307a61b7a4

### rtb-00eabbb307a61b7a4 / myroute

You can now check network connectivity with Reachability Analyzer

Run Reachability Analyzer

Details Info

Route table ID	Main	Explicit subnet associations	Edge associations
rtb-00eabbb307a61b7a4	No	-	-
VPC	Owner ID		
vpc-0a3c271c5bfa3d681   myvpc150921	444794327289		

Routes Subnet associations Edge associations Route propagation Tags

Routes (1) Edit routes

Set main route table

Main route table controls the routing for all subnets that are not explicitly associated with any other route table. Are you sure you want to set this route table as the main route table?

- rtb-00eabbb307a61b7a4 / myroute

To confirm setting, type set in the field.

set

Cancel OK

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You successfully set the route table rtb-00eabbb307a61b7a4 / myroute as main.

VPC > Route tables > rtb-00eabbb307a61b7a4

rtb-00eabbb307a61b7a4 / myroute

Actions

You can now check network connectivity with Reachability Analyzer

Run Reachability Analyzer

Details

Route table ID

rtb-00eabbb307a61b7a4

VPC

vpc-0a3c271c5bfa3d681 | myvpc150921

Main

Yes

Owner ID

444794327289

Explicit subnet associations

-

Edge associations

-

Routes

Subnet associations

Edge associations

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Tags

Routes (1)

Edit routes

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VPC > Route tables > rtb-00eabbb307a61b7a4 > Edit routes

Edit routes

Destination	Target	Status	Propagated
10.0.0.0/16	local	Active	No
0.0.0.0/0	igw-0b7841cf807ea3731	-	No

Add route

Remove

Cancel

Preview

Save changes

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Egress Only Internet Gateways

DHCP Options Sets

Elastic IPs

Managed Prefix Lists

Endpoints

Endpoint Services

NAT Gateways

Peering Connections

Updated routes for rtb-00eabbb307a61b7a4 / myroute successfully

Details

VPC > Route tables > rtb-00eabbb307a61b7a4

rtb-00eabbb307a61b7a4 / myroute

Actions

You can now check network connectivity with Reachability Analyzer

Run Reachability Analyzer

Details

Info

Route table ID

rtb-00eabbb307a61b7a4

VPC

vpc-0a3c271c5bfa3d681 | myvpc150921

Main

Yes

Owner ID

444794327289

Explicit subnet associations

-

Edge associations

-

Routes

Subnet associations

Edge associations

Route propagation

Tags

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Instances (1)

Info

Refresh

Connect

Instance state

Actions

Launch instances

Filter instances

Instance state: running

Clear filters

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 D
<input type="checkbox"/>	-	i-02992ed4afd30aef3	Running	t2.micro	2/2 checks passed	No alarms	us-east-2a	ec2-3-12-163-

Select an instance above

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Support

1. Choose AMI

2. Choose Instance Type

3. Configure Instance

4. Add Storage

5. Add Tags

6. Configure Security Group

7. Review

Step 2: Choose an Instance Type

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

Filter by:

All instance families

Current generation

Show/Hide Columns

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

	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance	IPv6 Support
<input type="checkbox"/>	t2	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
<input checked="" type="checkbox"/>	t2	t2.micro Free tier eligible	1	1	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.small	1	2	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.medium	2	4	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.large	2	8	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.xlarge	4	16	EBS only	-	Moderate	Yes
<input type="checkbox"/>	t2	t2.2xlarge	8	32	EBS only	-	Moderate	Yes
<input type="checkbox"/>	t3	t3.nano	2	0.5	FBS only	Yes	Up to 5 Gbps	Yes

Cancel

Previous

Review and Launch

Next: Configure Instance Details

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7. Review

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-0a3c271c5bfa3d681 | myvpc150921

Create new VPC

Subnet

subnet-0ff991b201b834b9a | mysubnet | us-east-2a

Create new subnet

251 IP Addresses available

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

Cancel

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Next: Add Storage

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### 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:

security2

Description:

launch-wizard-1 created 2021-09-15T23:26:17.824+05:30

Type	Protocol	Port Range	Source	Description
All traffic	All	0 - 65535	Anywhere 0.0.0.0/0, ::/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.

Cancel

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### Launch Status

✔

**Your instances are now launching**

The following instance launches have been initiated: [i-076df945195311a10](#) [Hide launch log](#)

Creating security groups

Successful (sg-085749fbcba4857d4)

Authorizing inbound rules

Successful

Initiating launches

Successful

Launch initiation complete

ℹ

**Get notified of estimated charges**

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

#### How to connect to your instances

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

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

▼ Here are some helpful resources to get you started

• [How to connect to your Linux instance](#)

• [Amazon EC2: User Guide](#)

• [Learn about AWS Free Usage Tier](#)

• [Amazon EC2: Discussion Forum](#)

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Instances (2)

Info

Filter instances

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 D
<input type="checkbox"/>	-	i-02992ed4afd30aef3	Running	t2.micro	2/2 checks passed	No alarms	us-east-2a	ec2-3-12-163-
<input type="checkbox"/>	-	i-076df945195311af0	Running	t2.micro	2/2 checks passed	No alarms	us-east-2a	-

Select an instance above

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