

(123) AWS Cloud Computing ZER

S3 Management Console

← → ↺ s3.console.aws.amazon.com/s3/home?region=us-east-2#

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aws

Services

Q vpc

X

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Global

Support

Amazon

Buckets

Access Po

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Multi-Reg

Batch Ope

Access an

Block Pub

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Storage L

Dashboar

AWS Orga

Services (6)

Features (22)

Documentation (38,488)

Knowledge Articles (30)

Marketplace (318)

Search results for 'vpc'

Services

See all 6 results

VPC

Isolated Cloud Resources

AWS Network Firewall

AWS Network Firewall

AWS Firewall Manager

Central management of firewall rules

Detective

Investigate and analyze potential security issues

Features

See all 22 results

Learn more

X

View Storage Lens dashboard

Delete

Create bucket

< 1 >

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Feedback

English (US)

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VPC Management Console x

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← → ↺ us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2# ☆ ≡ m ⋮

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aws Services ▾

Search for services, features, marketplace products, and docs [Alt+S]

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New VPC Experience
Tell us what you think

VPC Dashboard

EC2 Global View New

Filter by VPC:
🔍 Select a VPC

VIRTUAL PRIVATE CLOUD

Your VPCs

Subnets

Route Tables New

Internet Gateways

Egress Only Internet Gateways

DHCP Options Sets

Elastic IPs

Managed Prefix Lists

Launch VPC Wizard

Launch EC2 Instances

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

Resources by Region

🔄 Refresh Resources

You are using the following Amazon VPC resources

VPCs
See all regions ▾

Ohio 1

NAT Gateways
See all regions ▾

Ohio 0

Subnets
See all regions ▾

Ohio 3

VPC Peering Connections
See all regions ▾

Ohio 0

Route Tables
See all regions ▾

Ohio 1

Network ACLs
See all regions ▾

Ohio 1

Internet Gateways
See all regions ▾

Ohio 1

Security Groups
See all regions ▾

Ohio 2

Service Health

Current Status

Details

✅ Amazon EC2 - US East (Ohio)

Service is operating normally

[View complete service health details](#)

Settings

[Zones](#)

[Console Experiments](#)

Additional Information

[VPC Documentation](#)

[All VPC Resources](#)

[Forums](#)

[Report an Issue](#)

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Your VPCs | VPC Management Co x

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Managed Prefix Lists

Your VPCs (1) Info

Filter VPCs

1

Actions

Create VPC

| | Name | VPC ID | State | IPv4 CIDR | IPv6 CIDR |
|--------------------------|------|--------------|-----------|---------------|-----------|
| <input type="checkbox"/> | - | vpc-158ee57e | Available | 172.31.0.0/16 | - |

Select a VPC above

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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.

mynewvpc5

IPv4 CIDR block [Info](#)

30.0.0.0/16

IPv6 CIDR block [Info](#)

☒ No IPv6 CIDR block

☐ Amazon-provided IPv6 CIDR block

☐ IPv6 CIDR owned by me

Tenancy [Info](#)

Default ▾

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System Tray: 25°C Rain, Network, Volume, ENG IN, 4:33 PM, 9/13/2021, Notifications (1)

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Create internet gateway | VPC M x

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us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#CreateInternetGateway:

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VPC > Internet gateways > Create internet gateway

Create internet gateway

Info

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.

mynewiqw

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 |
|-----|------------------|
|-----|------------------|

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← → ↺ us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#CreateSubnet: ☆ ≡ m ⋮

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VPC > Subnets > Create subnet

Create subnet Info

VPC

VPC ID

Create subnets in this VPC.

vpc-0c22eb1429d15af64 (mynewvpc5) ▾

Associated VPC CIDRs

IPv4 CIDRs

30.0.0.0/16

Subnet settings

Specify the CIDR blocks and Availability Zone for the subnet.

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← → ↺ us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#CreateSubnet: ☆ ≡ m ⋮

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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.

mynewsubnet1

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](#)

🔍 30.0.0.0/24 ✕

30.0.0.0/24

Key

Value - optional

🔍 Name ✕

🔍 mynewsubnet1 ✕

Remove

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(123) AWS Cloud Computing ZER x VPC Management Console x +

← → ↺ us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#ModifyAutoAssignIpSettings:subnetId=subnet-026d8488429bfe5f5 ☆ ≡ m ⋮

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VPC > Subnets > subnet-026d8488429bfe5f5 > 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-026d8488429bfe5f5

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.

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← → ↺ us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#ModifyAutoAssignIpSettings:subnetId=subnet-026d8488429bfe5f5 ☆ ≡ m ⋮

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VPC > Subnets > subnet-026d8488429bfe5f5 > 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-026d8488429bfe5f5

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.

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Route tables | VPC Management x

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us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#RouteTables:

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VPC Dashboard

EC2 Global View New

Filter by VPC:

Select a VPC

VIRTUAL PRIVATE CLOUD

Your VPCs

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Route Tables New

Internet Gateways

Egress Only Internet Gateways

DHCP Options Sets

Elastic IPs

Managed Prefix Lists

Route tables (2)

Info

Refresh

Actions

Create route table

Filter route tables

< 1 >

Settings

| <input type="checkbox"/> | Name | Route table ID | Explicit subnet associat... | Edge associations | Main | VPC |
|--------------------------|------|-----------------------|-----------------------------|-------------------|------|---------------------|
| <input type="checkbox"/> | - | rtb-0aa96d875942d538d | - | - | Yes | vpc-0c22eb1429d15af |
| <input type="checkbox"/> | - | rtb-b9ab9bd2 | - | - | Yes | vpc-158ee57e |

Select a route table

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Show all

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VPC > Route tables > Create route table

Create route table [Info](#)

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.

mynewroute

VPC

The VPC to use for this route table.

vpc-0c22eb1429d15af64 (mynewvpc5)

Tags

(123) AWS Cloud Computing ZER x

VPC Management Console x

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us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#RouteTableDetails:RouteTableId=rtb-07af0a153ef473990

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VPC Dashboard

EC2 Global View New

Filter by VPC: Select a VPC

VIRTUAL PRIVATE CLOUD

Your VPCs

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Route Tables New

Internet Gateways

Egress Only Internet Gateways

DHCP Options Sets

Elastic IPs

Managed Prefix Lists

Route table rtb-07af0a153ef473990 | mynewroute was created successfully.

VPC > Route tables > rtb-07af0a153ef473990

rtb-07af0a153ef473990 / mynewroute

You can now check network connectivity with Reachability Analyzer

Run Reachability Analyzer

Details Info

| | | | |
|-----------------------------------|--------------|------------------------------|------|
| Route table ID | Main | Explicit subnet associations | Edge |
| rtb-07af0a153ef473990 | No | - | - |
| VPC | Owner ID | | |
| vpc-0c22eb1429d15af64 mynewvpc5 | 430097452208 | | |

Actions

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

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VPC Management Console

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← → ↺

us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#RouteTableDetails:RouteTableId=rtb-07af0a153ef473990

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Select a VPC

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Managed Prefix Lists

Route table rtb-07af0a153ef473990 | mynewroute was created successfully.

VPC > Route tables > rtb-07af0a153ef473990

rtb-07af0a153ef473990

You can now check network

Details Info

Route table ID
rtb-07af0a153ef473990

VPC
vpc-0c22eb1429d15af64 | mynewvpc5

Owner ID
430097452208

Actions

Ability Analyzer

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-07af0a153ef473990 / mynewroute

To confirm setting, type set in the field.

set

Cancel OK

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us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#RouteTableDetails:RouteTableId=rtb-07af0a153ef473990

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🔍 You successfully set the route table rtb-07af0a153ef473990 / mynewroute as main.

VPC > Route tables > rtb-07af0a153ef473990

rtb-07af0a153ef473990 / mynewroute

Actions

🔍 You can now check network connectivity with Reachability Analyzer

Run Reachability Analyzer

Details Info

| | | | |
|---|----------------------------|-----------------------------------|------------------------|
| Route table ID 📄 rtb-07af0a153ef473990 | Main 📄 Yes | Explicit subnet associations - | Edge associations - |
| VPC vpc-0c22eb1429d15af64 mynewvpc5 | Owner ID 📄 430097452208 | | |

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VPC > Route tables > rtb-07af0a153ef473990 > Edit routes

Edit routes

| Destination | Target | Status | Propagated |
|-------------|--------|--------|------------|
| 30.0.0.0/16 | local | Active | No |
| Add route | | | |

Cancel

Preview

Save changes

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VPC > Route tables > rtb-07af0a153ef473990 > Edit routes

Edit routes

| Destination | Target | Status | Propagated |
|----------------------|-----------------------|--------|------------|
| 30.0.0.0/16 | local | Active | No |
| 0.0.0.0/0 | igw-0e04cf56048e0a56e | - | No |
| <div>Add route</div> | | | |

Cancel Preview Save changes

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Instances | EC2 Management Cor x

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us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#Instances:

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Events

Tags

Limits

Instances

Instances New

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances New

Dedicated Hosts

Capacity Reservations

Instances (1) Info

Filter instances

| | Name | Instance ID | Instance state | Instance type | Status check | Alarm status | Availability Zone |
|--------------------------|-------------|---------------------|----------------|---------------|-------------------|--------------|-------------------|
| <input type="checkbox"/> | mynewserver | i-0d7871dc6d1e63bef | Running | t2.micro | 2/2 checks passed | No alarms | us-east-2a |

Select an instance above

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

Step 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-158ee57e (default)

Create new VPC

Subnet

vpc-0c22eb1429d15af64 | mynewvpc5

vpc-158ee57e (default)

Create new subnet

Auto-assign Public IP

Use subnet setting (Enable)

Placement group

☐ Add instance to placement group

Capacity Reservation

Open

Cancel Previous Review and Launch Next: Add Storage