Your VPCs (1) Info

Actions ▼   **Create VPC**

VPC Dashboard

EC2 Global View New

Filter by VPC:

Q Select a VPC

VIRTUAL PRIVATE CLOUD

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Q Filter VPCs

< 1 >   ⚙

	Name	▽	VPC ID	▽	State	▽	IPv4 CIDR	IPv6 CIDR	IPv6 pool
☐	–		vpc-3eee3855		⊘ Available		172.31.0.0/16	–	–

Select a VPC above

mynewkeypair.pem   ^

Show all   ✕

mynewvpc123

IPv4 CIDR block   Info

40.0.0.0/16

IPv6 CIDR block   Info
- No IPv6 CIDR block
- Amazon-provided IPv6 CIDR block
- IPv6 CIDR owned by me

Tenancy   Info

Default   ▼

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*	
Q Name ✕	Q mynewvpc123 ✕	Remove

Add new tag

You can add 49 more tags.

mynewkeypair.pem   ^   Show all   ✕

⊘ You successfully created vpc-02881f9c51294356b / mynewvpc123   ✕   ⓘ

VPC Dashboard
EC2 Global View New
Filter by VPC:

🔍 Select a VPC

▼ **VIRTUAL PRIVATE
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VPC > Your VPCs > vpc-02881f9c51294356b

vpc-02881f9c51294356b / mynewvpc123   Actions ▼

Details Info

VPC ID	State	DNS hostnames	DNS resolution
▢ vpc-02881f9c51294356b	⊘ Available	Disabled	Enabled
Tenancy	DHCP options set	Main route table	Main network ACL
Default	dopt-97873afc	rtb-075bfd2181798efe8	acl-05207362a1dfe7bf0
Default VPC	IPv4 CIDR	IPv6 pool	IPv6 CIDR
No	40.0.0.0/16	–	–
Route 53 Resolver DNS Firewall rule groups	Owner ID		
–	▢ 825592371974		

CIDRs   Flow logs   Tags

▢ mynewkeypair.pem   ∧   Show all   ✕

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.

mynewigw123

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*	
🔍 Name ✕	🔍 mynewigw123 ✕	Remove

Add new tag

You can add 49 more tags.

Cancel   **Create internet gateway**

mynewkeypair.pem   ^   Show all   ✕

Attach to VPC (igw-0e06216cb9d9ad9a0) 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.

🔍 vpc-02881f9c51294356b   ✕

▶ AWS Command Line Interface command

Cancel   **Attach internet gateway**

mynewkeypair.pem   ^   Show all   ✕

Internet gateway igw-0e06216cb9d9ad9a0 successfully attached to vpc-02881f9c51294356b   ✕   ⓘ

VPC Dashboard

EC2 Global View New

Filter by VPC:

🔍 Select a VPC

▼ VIRTUAL PRIVATE
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VPC > Internet gateways > igw-0e06216cb9d9ad9a0

igw-0e06216cb9d9ad9a0 / mynewigw123

Actions ▼

Details Info

Internet gateway ID	State	VPC ID	Owner
🗗 igw-0e06216cb9d9ad9a0	⊘ Attached	vpc-02881f9c51294356b | mynewvpc123	🗗 825592371974

Tags

Manage tags

🔍 Search tags

‹ 1 ›   ⚙

Key	Value
Name	mynewigw123

📄 mynewkeypair.pem   ^

Show all   ✕

VPC ID
Create subnets in this VPC.

vpc-02881f9c51294356b (mynewvpc123) ▼

Associated VPC CIDRs

IPv4 CIDRs

40.0.0.0/16

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.

mynewsubnet123

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

🔍 40.0.0.0/24   ✕

▼ Tags - *optional*

📄 mynewkeypair.pem   ^   Show all   ✕

⊘ You have successfully created 1 subnet: subnet-0c96fb2f0d6c4a64d   ✕   ⓘ

VPC Dashboard

EC2 Global View New

Filter by VPC:

🔍 Select a VPC

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Subnets (1) Info   ⟳   Actions ▼   **Create subnet**

🔍 Filter subnets   ⟨ 1 ⟩   ⚙

Subnet ID: subnet-0c96fb2f0d6c4a64d ✕   **Clear filters**

☐	Name	▽	Subnet ID	▽	State	▽	VPC	▽	IPv4 CIDR	▽	IPv6 CIDR
☐	mynewsubnet123		subnet-0c96fb2f0d6c4a64d		⊘ Available		vpc-02881f9c51294356b | my...		40.0.0.0/24		–

═

Select a subnet   ▭ ▣ ▣

📄 mynewkeypair.pem   ⌃   Show all   ✕

Subnets (1) Info

Actions ▼   **Create subnet**

VPC Dashboard

EC2 Global View New

Filter by VPC:

🔍 Select a VPC

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🔍 Filter subnets

Subnet ID: subnet-0c96fb2f0d6c4a64d ✕   **Clear filters**

☐	Name	▽	Subnet ID	▽	State	▽	VPC	▽	IPv4 CIDR	▽	IPv6 CIDR
☐	mynewsubnet123		subnet-0c96fb2f0d6c4a64d		⊘ Available		vpc-02881f9c51294356b | my...		40.0.0.0/24		–

Select a subnet

mynewkeypair.pem   ∧   Show all   ✕

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-0c96fb2f0d6c4a64d

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

mynewkeypair.pem   ⌃   Show all   ✕

⊘ **You have successfully modified auto-assign IP settings.**
 • Public IPv4 address

✕

ⓘ

VPC Dashboard

EC2 Global View New

Filter by VPC:

🔍 Select a VPC

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Subnets (1/1) Info

🗘   Actions ▼   **Create subnet**

🔍 Filter subnets

‹ 1 ›   ⚙

Subnet ID: subnet-0c96fb2f0d6c4a64d ✕   **Clear filters**

☑	Name	▽	Subnet ID	▽	State	▽	VPC	▽	IPv4 CIDR	▽	IPv6 CIDR
☑	mynewsubnet123		subnet-0c96fb2f0d6c4a64d		⊘ Available		vpc-02881f9c51294356b | my...		40.0.0.0/24		–

🗕 🗖 🗗

subnet-0c96fb2f0d6c4a64d / mynewsubnet123

Details   Flow logs   Route table   Network ACL   CIDR reservations   Sharing   Tags

Details

📄 mynewkeypair.pem   ⌃

Show all   ✕

Route table settings

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

mynewroutetable123

VPC
The VPC to use for this route table.

vpc-02881f9c51294356b (mynewvpc123) ▼

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 ✕	🔍 mynewroutetable123 ✕	Remove

Add new tag

You can add 49 more tags.

Cancel   **Create route table**

📄 mynewkeypair.pem   ∧   Show all ✕

New VPC Experience
Tell us what you think

VPC Dashboard
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🔍 Select a VPC

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VPC > Route tables > rtb-067724e9d3094c2ac

rtb-067724e9d3094c2ac / mynewroutetable123

Actions ▼

ⓘ You can now check network connectivity with Reachability Analyzer

Run Reachability Analyzer   ✕

Details Info

Route table ID	Main	Explicit subnet associations	Edge associations
⬚ rtb-067724e9d3094c2ac	⬚ No	–	–
VPC	Owner ID		
vpc-02881f9c51294356b | mynewvpc123	⬚ 825592371974		

Routes	Subnet associations	Edge associations	Route propagation	Tags

New VPC Experience
Tell us what you think

VPC Dashboard
EC2 Global View New

Filter by VPC:

Q Select a VPC

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VPC > Route tables > rtb-067724e9d3094c2ac

rtb-067724e9d3094c2ac / mynewroutetable123

Actions ▼

ⓘ You can now check network connectivity with Reachability Analyzer

Run Reachability Analyzer ✕

Details Info

Route table ID	Main	Explicit subnet associations	Edge associations
🗇 rtb-067724e9d3094c2ac	🗇 Yes	–	–

VPC	Owner ID
vpc-02881f9c51294356b | mynewvpc123	🗇 825592371974

| **Routes** | Subnet associations | Edge associations | Route propagation | Tags |

mynewkeypair.pem   ∧   Show all   ✕

Edit routes

Destination	Target		Status	Propagated	
40.0.0.0/16	Q local	✕	⊘ Active	No	
Q 0.0.0.0/0 ✕	Q igw-0e06216cb9d9ad9a0	✕	–	No	Remove

Add route

Cancel   Preview   **Save changes**

mynewkeypair.pem   ^   Show all   ✕

VPC Dashboard

EC2 Global View New

Filter by VPC:

🔍 Select a VPC

▼ **VIRTUAL PRIVATE CLOUD**

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VPC > Route tables > rtb-067724e9d3094c2ac

rtb-067724e9d3094c2ac / mynewroutetable123

Actions ▼

ⓘ You can now check network connectivity with Reachability Analyzer

Run Reachability Analyzer ✕

Details Info

Route table ID	Main	Explicit subnet associations	Edge associations
🗇 rtb-067724e9d3094c2ac	🗇 Yes	–	–

VPC	Owner ID
vpc-02881f9c51294356b | mynewvpc123	🗇 825592371974

Routes | Subnet associations | Edge associations | Route propagation | Tags

📄 mynewkeypair.pem   ∧

Show all   ✕

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	(i)	1 Launch into Auto Scaling Group (i)
Purchasing option	(i)	☐ Request Spot instances
Network	(i)	vpc-02881f9c51294356b | mynewvpc123 ⬍ C Create new VPC
Subnet	(i)	subnet-0c96fb2f0d6c4a64d | mynewsubnet123 | ap-s ⬍ Create new subnet
		251 IP Addresses available
Auto-assign Public IP	(i)	Enable ⬍
Placement group	(i)	☐ Add instance to placement group
Capacity Reservation	(i)	Open ⬍
Domain join directory	(i)	No directory ⬍ C Create new directory
IAM role	(i)	None ⬍ C Create new IAM role
Shutdown behavior	(i)	Stop ⬍

Cancel   **Previous**   **Review and Launch**   **Next: Add Storage**

☐ mynewkeypair.pem   ^   Show all   ✕

Step 4: Add Storage

Your instance will be launched with the following storage device settings. You can attach additional EBS volumes and instance store volumes to your instance, or edit the settings of the root volume. You can also attach additional EBS volumes after launching an instance, but not instance store volumes. Learn more about storage options in Amazon EC2.

Volume Type ⓘ	Device ⓘ	Snapshot ⓘ	Size (GiB) ⓘ	Volume Type ⓘ	IOPS ⓘ	Throughput (MB/s) ⓘ	Delete on Termination ⓘ	Encryption ⓘ
Root	/dev/xvda	snap-0bdcc50b291983cea	8	General Purpose SSD (gp2)	100 / 3000	N/A	☑	Not Encrypted ▾

Add New Volume

Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage. Learn more about free usage tier eligibility and usage restrictions.

Cancel   Previous   **Review and Launch**   Next: Add Tags

mynewkeypair.pem   ^   triplesss   Show all   ✕

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:	launch-wizard-2	
Description:	launch-wizard-2 created 2021-08-31T18:18:32.539+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   Previous   **Review and Launch**

mynewkeypair.pem   ^   Show all   ✕

Step 7: Review Instance Launch

▼ AMI Details   Edit AMI

Amazon Linux 2 AMI (HVM), SSD Volume Type - ami-04db49c0fb2215364

Free tier eligible

Amazon Linux 2 comes with five years support. It provides Linux kernel 4.14 tuned for optimal performance on Amazon EC2, systemd 219, GCC 7.3, Glibc 2.26, Binutils 2.29.1, and the latest software packages through extras. This AMI is the successor of the Amazon Linux AMI that is a...

Root Device Type: ebs   Virtualization type: hvm

▼ Instance Type   Edit instance type

Instance Type	ECUs	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance
t2.micro	-	1	1	EBS only	-	Low to Moderate

▼ Security Groups   Edit security groups

Security group name   launch-wizard-2
Description   launch-wizard-2 created 2021-08-31T18:18:32.539+05:30

Type ⓘ	Protocol ⓘ	Port Range ⓘ	Source ⓘ	Description ⓘ

Cancel   Previous   **Launch**

mynewkeypair.pem   ^   Show all   ✕