

Instances | EC2 Management Cor Telegram +

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

Q vpc X

Search results for 'vpc'

Services (6)

Features (22)

Documentation (38,219)

Knowledge Articles (30)

Marketplace (317)

Services See all 6 results ►

 **VPC**
Isolated Cloud Resources

Top features

Your VPCs Subnet Route table Internet gateway Egress-only internet gateways

 **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 ►

 **VPC links**
API Gateway feature

Actions ▾

Thanuja Reddy

alarm status Availability Z
alarms + us-east-2a



Search for services, features, marketplace products, and docs

[Alt+S]

Thanuja Reddy

Your VPCs (1) [Info](#)



Actions ▾

Filter VPCs

<input type="checkbox"/>	Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR
<input type="checkbox"/>	-	vpc-b93059d2	Available	172.31.0.0/16	-

Select a VPC above

Create VPC

n of the AWS cloud populated by AWS objects, such as Amazon EC2 instances.

Name' and a value that you specify.

Pv6 CIDR block

me



sign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter AWS costs.

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

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x bell Thanuja Reddy

Name' and a value that you specify.

Pv6 CIDR block

me



sign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter AWS costs.

Value - optional



mynewvpc123



Remove

Cancel

Create VPC

Internet gateways (1/1) [Info](#)



Actions ▾

Create i

Filter internet gateways

<input checked="" type="checkbox"/>	Name	Internet gateway ID	State	VPC ID	Owner
<input checked="" type="checkbox"/>	-	igw-fb232893	Attached	vpc-b93059d2	20932132940

igw-fb232893

[Details](#) [Tags](#)

Details

Internet gateway ID

igw-fb232893

State

Attached

VPC ID

[vpc-b93059d2](#)

Owner

209321329407

Internet gateways (1/1) [Info](#)



Actions ▾

Create i

Filter internet gateways

<input checked="" type="checkbox"/>	Name	Internet gateway ID	State	VPC ID	Owner
<input checked="" type="checkbox"/>	-	igw-fb232893	Attached	vpc-b93059d2	20932132940

igw-fb232893

[Details](#) [Tags](#)

Details

Internet gateway ID

igw-fb232893

State

Attached

VPC ID

[vpc-b93059d2](#)

Owner

209321329407

>Create internet gateway

Internet gateway Info

A virtual router that connects a VPC to the internet. To create a new internet gateway specify the name

settings

Name' and a value that you specify.

Value - optional



mynewigw123



Remove

Cancel

Create internet gateway

VPC Management Console x Telegram x +

st-2.console.aws.amazon.com/vpc/home?region=us-east-2#InternetGateway:internetGatewayId=igw-0b5c58a58e39d6052

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The following internet gateway was created: igw-0b5c58a58e39d6052 . You can now attach to a VPC to enable the VPC to communicate with the internet.

VPC > Internet gateways > igw-0b5c58a58e39d6052

igw-0b5c58a58e39d6052 / mynewigw123

Details [Info](#)

Internet gateway ID igw-0b5c58a58e39d6052	State Detached	VPC ID -	Owner 209321329407
--	-----------------------------------	-------------	---------------------------------------

Tags

Search tags

Key	Value
Name	mynewigw123

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h O B E M D C P W ?

rs > Attach to VPC (igw-0b5c58a58e39d6052)

VPC (igw-0b5c58a58e39d6052) Info

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

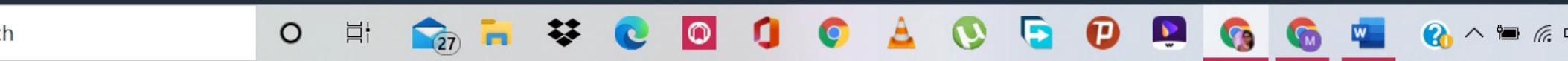
y to this VPC.

69d4b1 x

Interface command

Cancel

Attach internet gateway



ⓘ Internet gateway igw-0b5c58a58e39d6052 successfully attached to vpc-00b2e1e221a69d4b1

VPC > Internet gateways > igw-0b5c58a58e39d6052

igw-0b5c58a58e39d6052 / mynewigw123

Details Info

Internet gateway ID

🔗 igw-0b5c58a58e39d6052

State

ⓘ Attached

VPC ID

vpc-00b2e1e221a69d4b1 |
mynewvpc123

Owner

🔗 209321329407

Tags

🔍 Search tags

Key

Value

Name

mynewigw123

Subnets | VPC Management Cons x Telegram x +

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

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Subnets (3) Info

Filter subnets

	Name	Subnet ID	State	VPC	IPv4 CIDR
<input type="checkbox"/>	-	subnet-00d9167d	Available	vpc-b93059d2	172.31.16.0/20
<input type="checkbox"/>	-	subnet-64f4650f	Available	vpc-b93059d2	172.31.0.0/20
<input type="checkbox"/>	-	subnet-bbbd8af7	Available	vpc-b93059d2	172.31.32.0/20

Select a subnet

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h O H E M B D C P F G W ?

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

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I Availability Zone for the subnet.

f 'Name' and a value that you specify.

56 characters long.

your subnet will reside, or let Amazon choose one for you.

x

Value - optional

x x Remove

is.

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h o 27 m b c n g p w g m u t ?

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✓ You have successfully created 1 subnet: subnet-0647b64626cd1e11d

Subnets (1/1) [Info](#)

Filter subnets

Subnet ID: subnet-0647b64626cd1e11d X

Clear filters

<input checked="" type="checkbox"/>	Name	Subnet ID	State	VPC
-------------------------------------	------	-----------	-------	-----

<input checked="" type="checkbox"/>	mynewssubnet123	subnet-0647b64626cd1e11d	Available	vpc-00b2e1e221a69d4b1 my
-------------------------------------	-----------------	--------------------------	-----------	----------------------------



Actions ▾

- [View details](#)
- [Create flow log](#)
- [Modify auto-assign IP settings](#)
- [Edit IPv6 CIDRs](#)
- [Edit network ACL association](#)
- [Edit route table association](#)
- [Edit CIDR reservations](#)
- [Share subnet](#)
- [Manage tags](#)
- [Delete subnet](#)

subnet-0647b64626cd1e11d / mynewssubnet123

Details

Flow logs

Route table

Network ACL

CIDR reservations

Sharing

Tags

Details

Subnet ID

Subnet ARN

State

IPv4 CIDR

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st-2.console.aws.amazon.com/vpc/home?region=us-east-2#ModifyAutoAssignIpSettings:subnetId=subnet-0647b64626cd1e11d

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subnet-0647b64626cd1e11d > Modify auto-assign IP settings

Assign IP settings Info

Address setting to automatically request a public IPv4 or IPv6 address for a new network interface

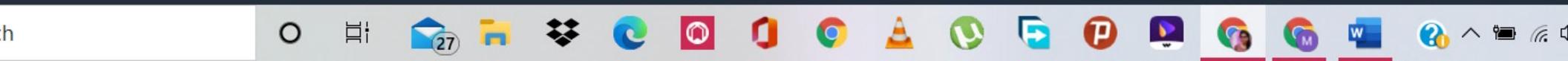
6cd1e11d

public IPv4 address

owned IPv4 address Info

customer-owned IPv4 address
No customer owned pools found.

Cancel Save



Subnets | VPC Management Cons X 1 notification

x +

st-2.console.aws.amazon.com/vpc/home?region=us-east-2#subnets:SubnetId=subnet-0647b64626cd1e11d

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Thanuja Reddy

✓ You have successfully modified auto-assign IP settings.

- Public IPv4 address

Subnets (1/1) Info

Filter subnets

Subnet ID: subnet-0647b64626cd1e11d X Clear filters

Name	Subnet ID	State	VPC	IPv4 CIDR
mynewsubnet123	subnet-0647b64626cd1e11d	Available	vpc-00b2e1e221a69d4b1 my...	40.0.0.0/24

subnet-0647b64626cd1e11d / mynewsubnet123

Details Flow logs Route table Network ACL CIDR reservations Sharing Tags

Details

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Subnets | VPC Management Cons X 1 notification

x +

st-2.console.aws.amazon.com/vpc/home?region=us-east-2#subnets:SubnetId=subnet-0647b64626cd1e11d

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

Thanuja Reddy

✓ You have successfully modified auto-assign IP settings.

- Public IPv4 address

Subnets (1/1) Info

Filter subnets

Subnet ID: subnet-0647b64626cd1e11d X Clear filters

<input checked="" type="checkbox"/>	Name	Subnet ID	State	VPC	IPv4 CIDR
<input checked="" type="checkbox"/>	mynewsubnet123	subnet-0647b64626cd1e11d	Available	vpc-00b2e1e221a69d4b1 my...	40.0.0.0/24

subnet-0647b64626cd1e11d / mynewsubnet123

Details Flow logs Route table Network ACL CIDR reservations Sharing Tags

Details

com/vpc/home?region=us-east-2#dhcOptions:

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Route tables | VPC Management x Telegram x +

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

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Route tables (2) [Info](#)

Filter route tables

<input type="checkbox"/>	Name	Route table ID	Explicit subnet associations	Edge associations	Main	VPC
<input type="checkbox"/>	-	rtb-025d32917d4a5623a	-	-	Yes	vpc-00b2e1e221a69d
<input type="checkbox"/>	-	rtb-5a142231	-	-	Yes	vpc-b93059d2

Select a route table

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Create route table

Route table Info

packets are forwarded between the subnets within your VPC, the internet, and your VPN

Tags

Name' and a value that you specify.

Create table.

l4b1 (mynewvpc123)

sign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter AWS costs.

Value - optional



Search icon mynewroute123



Remove

✓ Route table rtb-0b7182f3f9cb97f09 | mynewroute123 was created successfully.

i You can now check network connectivity with Reachability Analyzer

Run Reachability Analy

Details Info

Route table ID	Main	Explicit subnet associations	Edge associations
rtb-0b7182f3f9cb97f09	No	-	-
VPC	Owner ID		
vpc-00b2e1e221a69d4b1 mynewvpc123	209321329407		

Routes Subnet associations Edge associations Route propagation Tags

Routes (1)

Filter routes

Both ▾

Edi

1

Destination	Target	Status	Propagated
40.0.0.0/16	Local	Active	No

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st-2.console.aws.amazon.com/vpc/home?region=us-east-2#EditRoutes:RouteTableId=rtb-0b7182f3f9cb97f09

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rtb-0b7182f3f9cb97f09 > Edit routes

Target	Status	Propagated
<input type="text"/> local x	Active	No

Cancel Preview



VPC Management Console x 1 notification x | +

st-2.console.aws.amazon.com/vpc/home?region=us-east-2#EditRoutes:RouteTableId=rtb-0b7182f3f9cb97f09

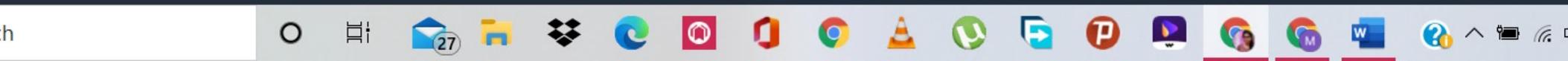
Search for services, features, marketplace products, and docs [Alt+S]

x Thanuja Reddy

rtb-0b7182f3f9cb97f09 > Edit routes

Target	Status	Propagated
<input type="text"/> local x	Active	No
<input type="text"/> igw-0b5c58a58e39d6052 x	-	No Remote

Cancel Preview



✓ Updated routes for **rtb-0b7182f3f9cb97f09 / mynewroute123** successfully

► Details

Route table ID	Main	Explicit subnet associations	Edge associations
<input type="checkbox"/> rtb-0b7182f3f9cb97f09	<input type="checkbox"/> Yes	-	-
VPC	Owner ID		
vpc-00b2e1e221a69d4b1 mynewvpc123	<input type="checkbox"/> 209321329407		

Routes Subnet associations Edge associations Route propagation Tags

Routes (2)

Filter routes

Both

1

Destination	Target	Status	Propagated
40.0.0.0/16	local	<input checked="" type="checkbox"/> Active	No
0.0.0.0/0	igw-0b5c58a58e39d6052	<input checked="" type="checkbox"/> Active	No

Launch instance wizard | EC2 Mar 2024 1 notification

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

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Thanuja Reddy

Instance Type: 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

Instance Details

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 instances.

Instances: 1 Launch into Auto Scaling Group

Request Spot instances:

Network: vpc-b93059d2 (default) Create new VPC

Subnet: No preference (default subnet in any Availability Zone) Create new subnet

Public IP: Use subnet setting (Enable)

Add instance to placement group:

Termination protection: Open

Directory: No directory Create new directory

IAM role: None Create new IAM role

Stop behavior: Stop

Hibernation behavior: Enable hibernation as an additional stop behavior

Termination protection: Protect against accidental termination

CloudWatch monitoring: Enable CloudWatch detailed monitoring

Cancel Previous Review and Launch

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Launch instance wizard | EC2 Mar 27 2021 1 notification

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

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Thanuja Reddy

Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

Configure storage device settings. You can attach additional EBS volumes and instance store volumes to your instance, or none. You can also attach additional EBS volumes after launching an instance, but not instance store volumes. [Learn more](#) about

Device	Snapshot	Size (GiB)	Volume Type	IOPS	Throughput (MB/s)	Delete on Termination
dev/xvda	snap-074ce2aabf60fabaf	8	General Purpose SSD (gp2)	100 / 3000	N/A	<input checked="" type="checkbox"/>

You can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage. [Learn more](#) about free usage tier eligibility and

Cancel Previous Review and Next

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Launch instance wizard | EC2 Mar x Telegram

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

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Thanuja Reddy

Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

Security Group

All 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 restricted 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.

security group: Create a new security group
 Select an existing security group

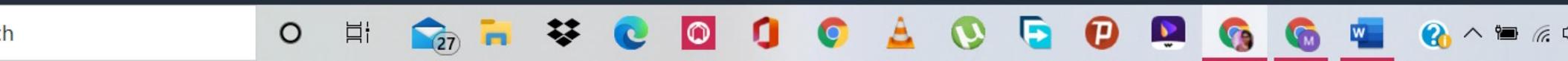
group name: launch-wizard-2

Description: launch-wizard-2 created 2021-08-30T12:15:52.861+05:30

Protocol	Port Range	Source	Description
All	0 - 65535	Anywhere	0.0.0.0/0, ::/0 e.g. SSH for Admin

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



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

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

Thanuja Reddy

Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

Instance Launch

bs Virtualization type: hvm

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

launch-wizard-2

launch-wizard-2 created 2021-08-30T12:15:52.861+05:30

Protocol	Port Range	Source	Description
All	All	0.0.0.0/0	
All	All	::/0	

Can



are now launching

One launches have been initiated: [i-0421b50f4e11ebada](#) [View launch log](#)

Estimated charges

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).

Instances

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.

Check 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.

Useful resources to get you started

Launch instance

- [Amazon EC2: User Guide](#)
- [Amazon EC2: Discussion Forum](#)

Free Tier

Something you can also

Be notified when these instances fail status checks. (Additional charges may apply)



X Instances | EC2 Management Cor X Telegram X | +

st-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#Instances:search=i-0421b50f4e11ebada

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Thanuja Reddy

Instances (1) Info C Connect Instance state Actions

Filter instances

search: i-0421b50f4e11ebada X Clear filters

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Z
-	i-0421b50f4e11ebada	Running	t2.micro	-	No alarms	+ us-east-2a

Select an instance above

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