

Amazon Workflow

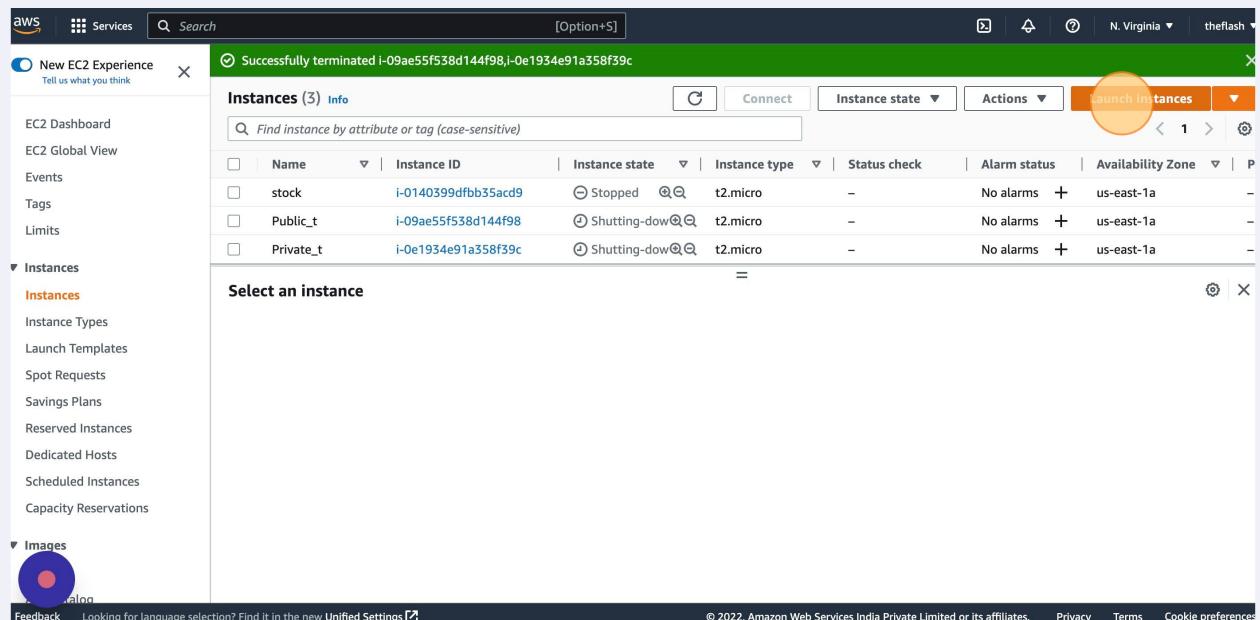
Scribe 

1

Navigate to us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1

2

Click "Launch instances"



The screenshot shows the AWS EC2 Instances page. At the top, there's a success message: "Successfully terminated i-09ae55f538d144f98, i-0e1934e91a358f39c". Below it, the "Instances (3) Info" section displays three stopped t2.micro instances:

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
stock	i-0140399dfbb35acd9	Stopped	t2.micro	-	No alarms	us-east-1a
Public_t	i-09ae55f538d144f98	Shutting-down	t2.micro	-	No alarms	us-east-1a
Private_t	i-0e1934e91a358f39c	Shutting-down	t2.micro	-	No alarms	us-east-1a

The left sidebar includes sections for EC2 Dashboard, Global View, Events, Tags, Limits, Instances (with sub-options for Instances, Instance Types, Launch Templates, etc.), and Images. The bottom of the page has links for Feedback, Unified Settings, and legal information.

- 3 Click the "Name" field.

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

e.g. My Web Server



Add additional tags

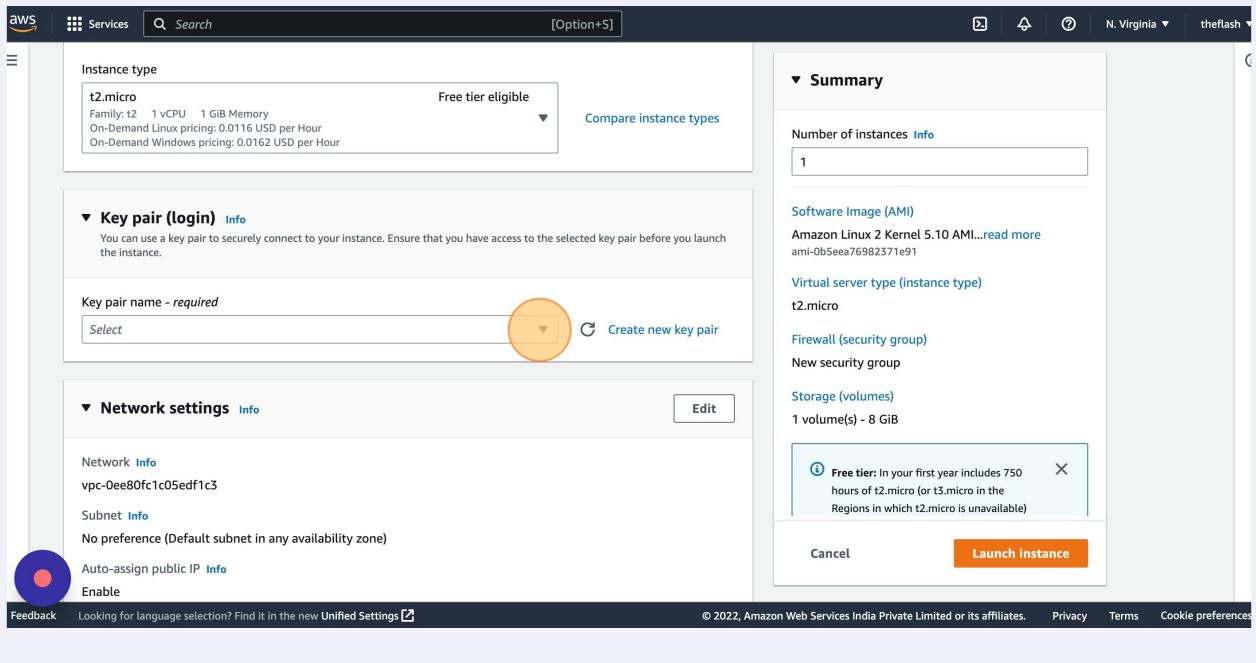
▼ Application and OS Images (Amazon Machine Image) Info

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below

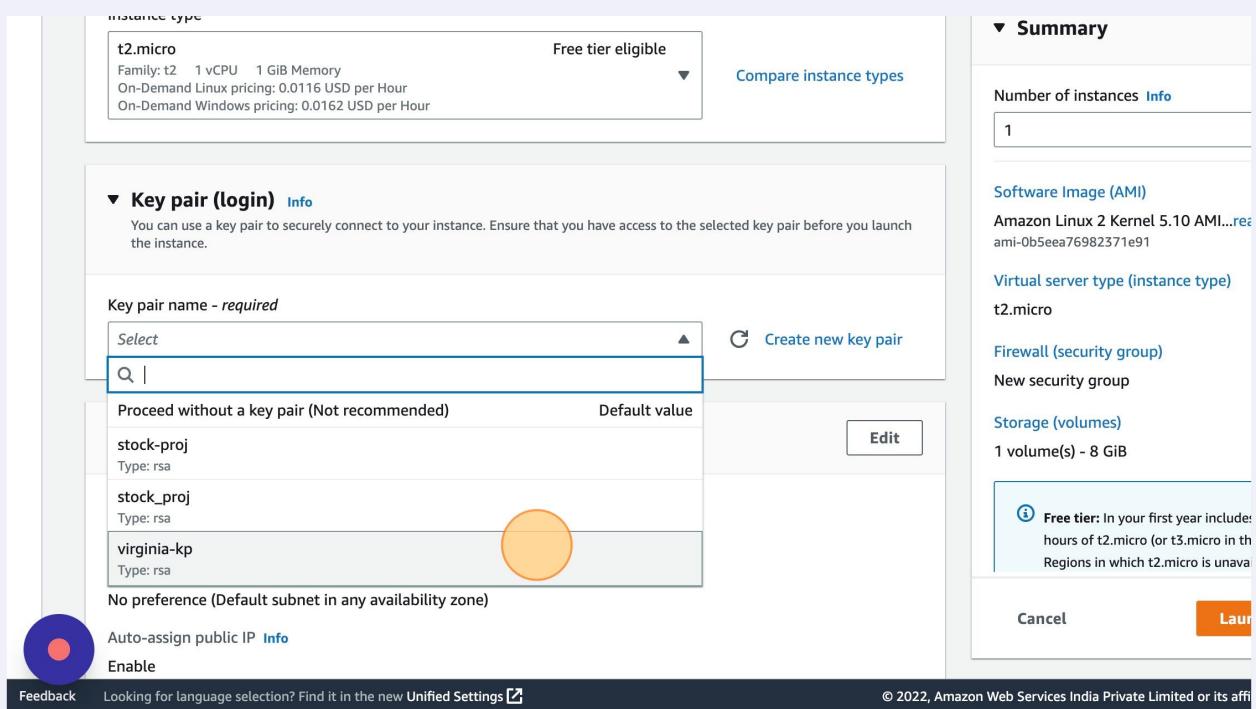
Search our full catalog including 1000s of application and OS images

- 4 Type "Public"

5 Click here.



6 Click "virginia-kp"



7

Click "Edit"

Network settings

Number of instances: 1

Software Image (AMI): Amazon Linux 2 Kernel 5.10 AMI...read more

Virtual server type (instance type): t2.micro

Storage (volumes): 1 volume(s) - 8 GiB

Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable)

Launch Instance

8

Click "(default)"

VPC - required

Subnet info: No preference

Auto-assign public IP: Enable

Firewall (security groups):

Security group name - required: launch-wizard-5

Description - required: launch-wizard-5 created 2022-12-24T12:04:18.825Z

Launch Instance

9

Click "10.0.0.0/16"

Network settings

VPC - required

- vpc-0ee80fc1c05edf1c3 (default) 172.31.0.0/16
- vpc-0538fdc27f865dd24 (project) 10.0.0.0/16
- vpc-0ee80fc1c05edf1c3 (default) 172.31.0.0/16

Firewall (security groups)

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-5

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

Launch instance

10

Click "Availability Zone: us-east-1a"

Network settings

VPC - required

vpc-0538fdc27f865dd24 (project) 10.0.0.0/16

Subnet info

subnet-0cd43324f8b0614d VPC: vpc-0538fdc27f865dd24 Owner: 111617026718 Availability Zone: us-east-1a IP addresses available: 4091 CIDR: 10.0.0.0/20

Auto-assign public IP

Enable

Firewall (security groups)

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-5

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

Launch-wizard-5 created 2022-12-24T12:04:18.825Z

Inbound security groups rules

Feedback Looking for language selection? Find it in the new Unified Settings

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11 Click "Public-1a"

The screenshot shows the AWS VPC Network settings page. In the 'Subnet info' section, there are four subnets listed under 'Public-1':

- subnet-0cd433234f8b0614d (selected, highlighted with a yellow circle)
- subnet-0cd433234f8b0614d (Public-1a)
- subnet-05bfcc22ba2bb3d69b (Public-1b)
- subnet-0e5b5a459f7d4b282 (Private-1a)

The 'Public-1a' subnet is selected. On the right side of the screen, the 'Summary' section shows:

- Number of instances: 1
- Software Image (AMI): Amazon Linux 2 Kernel 5.10 AMI...read more
- Virtual server type (instance type): t2.micro
- Firewall (security group): New security group
- Storage (volumes): 1 volume(s) - 8 GiB

A tooltip for the 'Free tier' is visible, stating: 'Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable)'.

12 Click "Select existing security group"

The screenshot shows the AWS VPC Network settings page. In the 'Firewall (security groups)' section, there are two options:

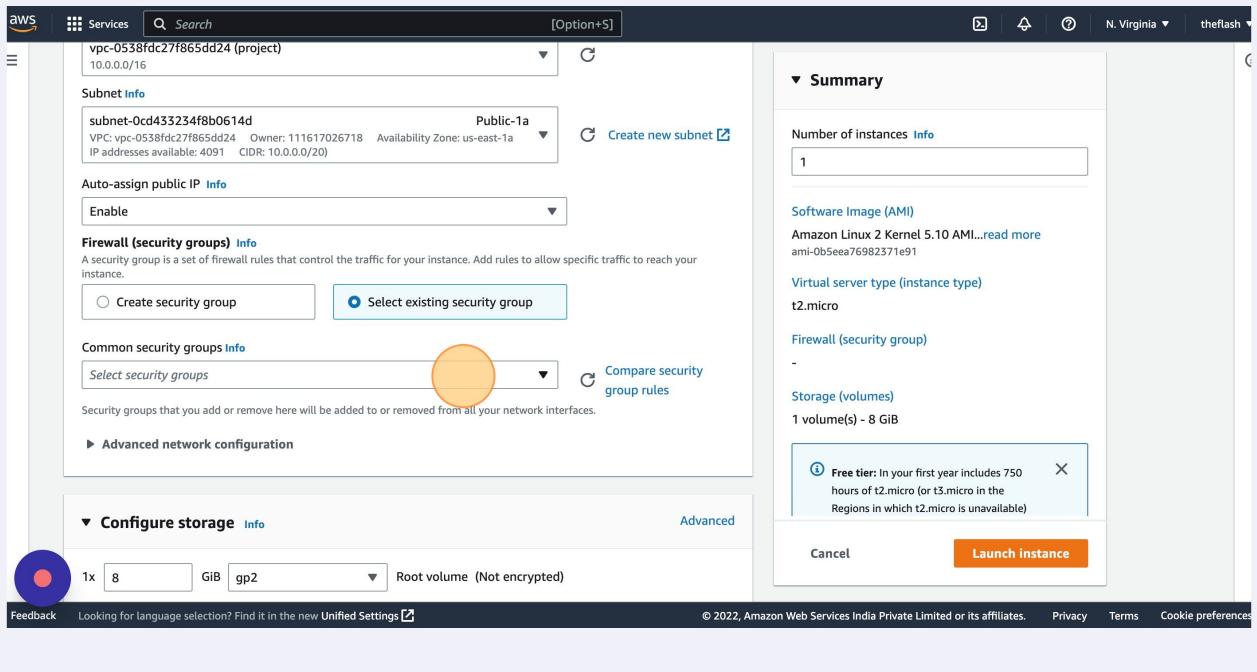
- Create security group
- Select existing security group (highlighted with a yellow circle)

The 'Select existing security group' option is selected. On the right side of the screen, the 'Summary' section shows:

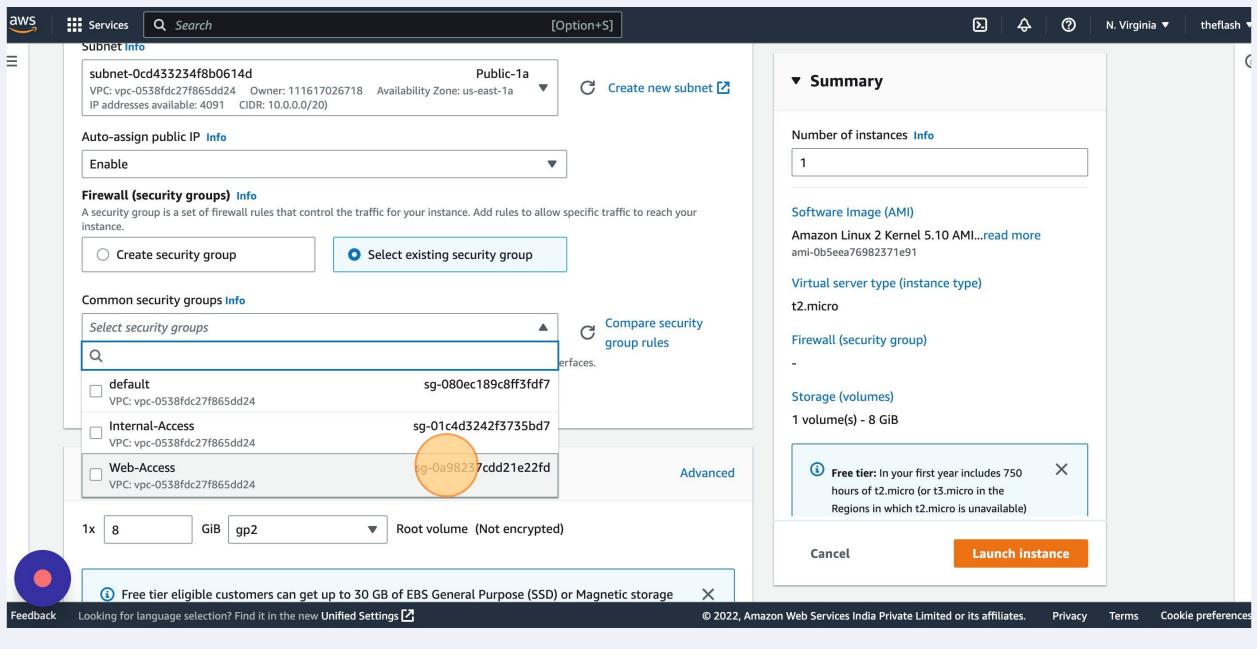
- Number of instances: 1
- Software Image (AMI): Amazon Linux 2 Kernel 5.10 AMI...read more
- Virtual server type (instance type): t2.micro
- Firewall (security group): New security group
- Storage (volumes): 1 volume(s) - 8 GiB

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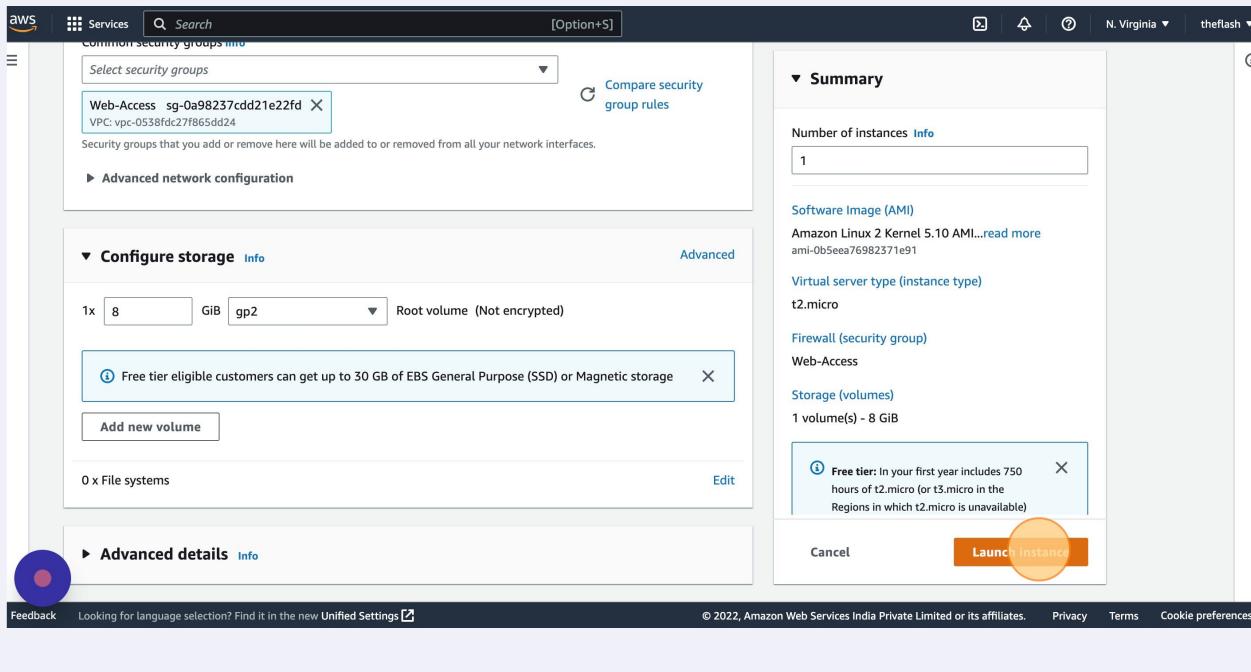
13 Click "Select security groups"



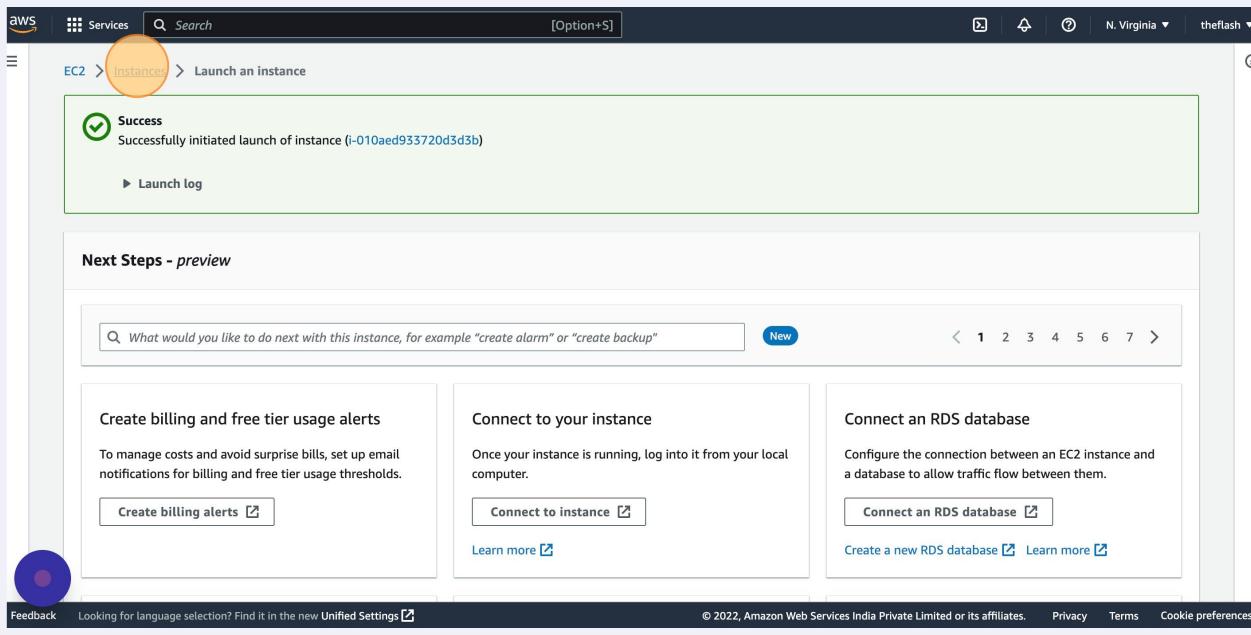
14 Click "sg-0a98237cdd21e22fd"



15 Click "Launch instance"



16 Click "Instances"



17 Click this checkbox.

The screenshot shows the AWS EC2 Instances page. On the left, there's a sidebar with links like EC2 Dashboard, EC2 Global View, Events, Tags, Limits, Instances (selected), Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Scheduled Instances, Capacity Reservations, and Images. The main area shows a table of instances:

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
Private_t	i-0e1934e91a358f39c	Terminated	t2.micro	-	No alarms	us-east-1a
Public	i-010aed933720d3d3b	Pending	t2.micro	-	No alarms	us-east-1a

A yellow circle highlights the checkbox next to the "Public" instance. Below the table, a modal window titled "Select an instance" is open.

18 Click "Launch instances"

The screenshot shows the AWS EC2 Instances page with the "Public" instance selected. The "Actions" dropdown menu is open, and the "Launch instances" button is highlighted with a yellow circle.

The main area shows the instance details for "Public":

Instance: i-010aed933720d3d3b (Public)

Details	Security	Networking	Storage	Status checks	Monitoring	Tags
Instance summary						
Instance ID i-010aed933720d3d3b (Public)	Public IPv4 address 3.82.155.13 open address	Private IPv4 addresses 10.0.7.196				
IPv6 address -	Instance state Pending	Public IPv4 DNS -				
Hostname type IP name: ip-10-0-7-196.ec2.internal	Private IP DNS name (IPv4 only) ip-10-0-7-196.ec2.internal	Elastic IP addresses -				
Answer private resource DNS name IPv4 (A)	Instance type t2.micro					

- 19** Click the "Name" field.

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

e.g. My Web Server

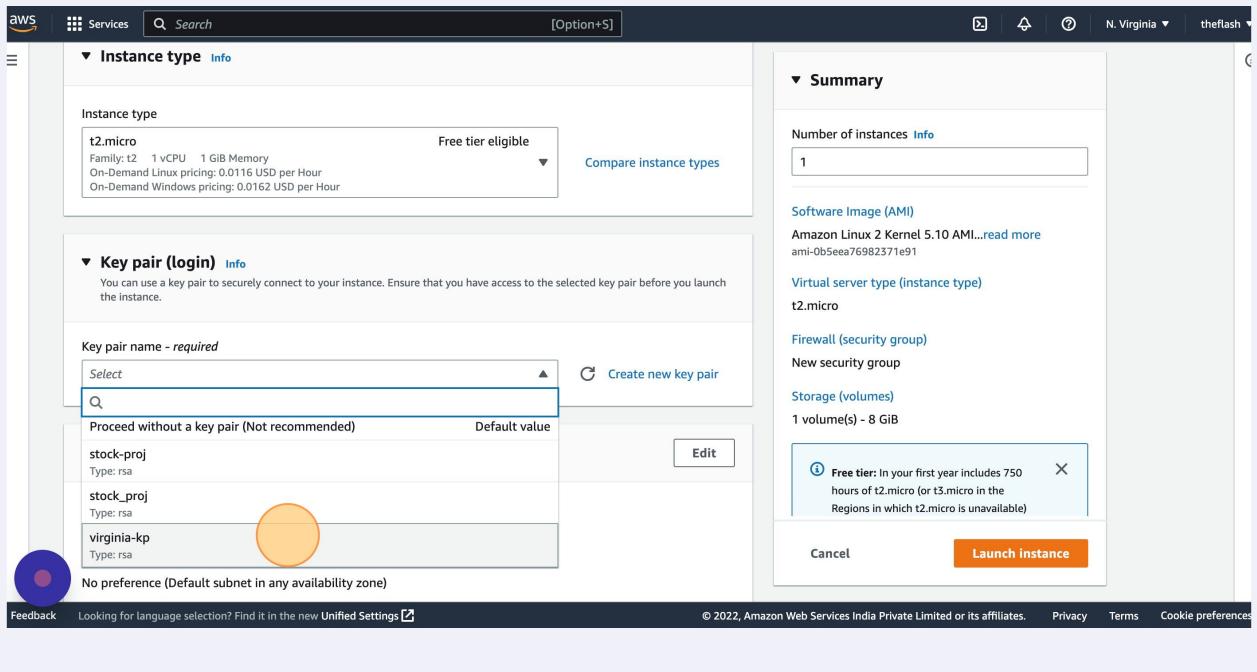
Add additional tags

▼ Application and OS Images (Amazon Machine Image) Info

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below

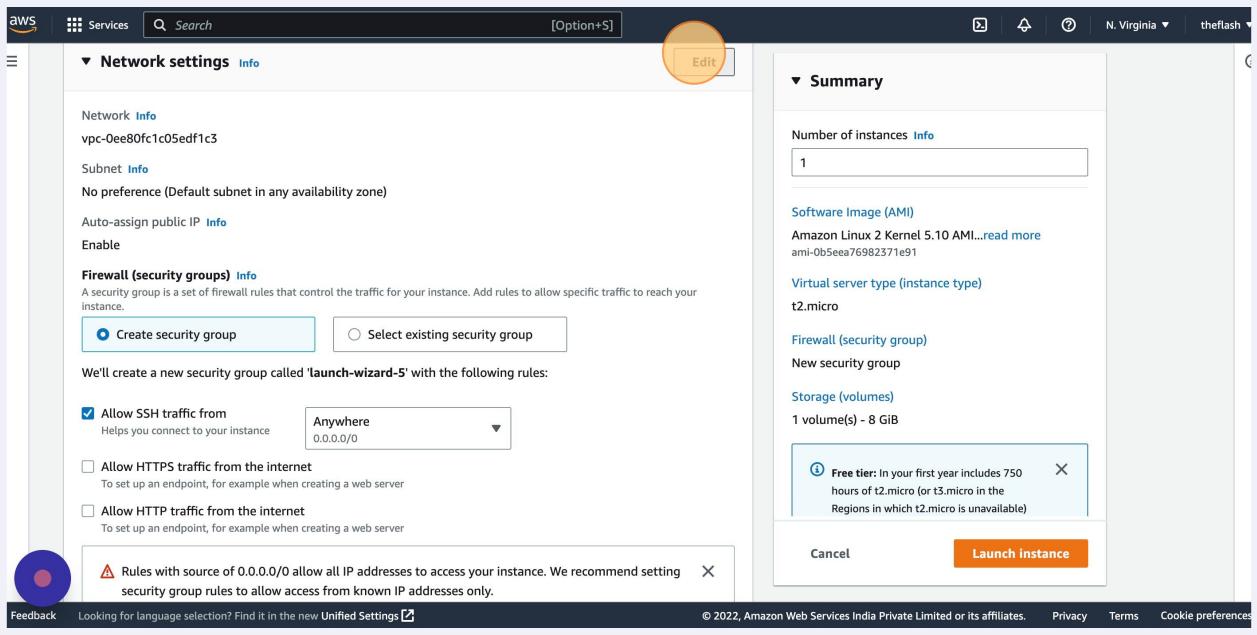
- 20** Type "Private"

21 Click "virginia-kp"



The screenshot shows the AWS Launch Wizard interface. On the left, under 'Instance type', a 't2.micro' instance is selected, described as 'Free tier eligible'. Below it, the 'Key pair (login)' section shows a dropdown menu with two options: 'stock-proj' and 'virginia-kp'. The 'virginia-kp' option is highlighted with an orange circle. To the right, the 'Summary' section shows 'Number of instances' set to 1. It also includes details about the 'Software Image (AMI)', 'Virtual server type (instance type)' as 't2.micro', and 'Storage (volumes)'. A tooltip for the 'Free tier' indicates it covers 750 hours of t2.micro usage. At the bottom right is a large orange 'Launch Instance' button.

22 Click "Edit"



The screenshot shows the AWS Launch Wizard interface. On the left, under 'Network settings', a 'Network' section is shown with 'vpc-0ee80fc1c05edf1c3'. Below it, the 'Subnet' section shows 'No preference (Default subnet in any availability zone)'. Under 'Firewall (security groups)', there are two buttons: 'Create security group' (selected) and 'Select existing security group'. A note says 'We'll create a new security group called 'launch-wizard-5' with the following rules:'. Under 'Allow SSH traffic from', 'Anywhere' is selected. Below this, there are three unchecked checkboxes for 'Allow HTTPS traffic from the internet', 'Allow HTTP traffic from the internet', and a note about IP rules. To the right, the 'Summary' section is identical to the previous screenshot, showing 1 instance, AMI details, and a 'Launch Instance' button.

23 Click "172.31.0.0/16"

VPC - required info

vpc-0ee80fc1c05edf1c3
172.31.0.0/16 (default)

Subnet info

No preference Create new subnet

Auto-assign public IP Info

Enable

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-5

Description - required Info

launch-wizard-5 created 2022-12-24T12:05:08.422Z

Inbound security groups rules

Security group rule 1 (TCP_22_0_0_0_0/0)

Summary

Number of instances Info

1

Software Image (AMI)

Amazon Linux 2 Kernel 5.10 AMI...read more

ami-0b5eaa76982371e91

Virtual server type (instance type)

t2.micro

Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 8 GiB

Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable)

Cancel Launch instance

24 Click "vpc-0538fdc27f865dd24 (project)"

VPC - required info

vpc-0ee80fc1c05edf1c3
172.31.0.0/16 (default)

vpc-0538fdc27f865dd24 (project)
10.0.0.0/16

Subnet info

Q Create new subnet

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-5

Description - required Info

launch-wizard-5 created 2022-12-24T12:05:08.422Z

Inbound security groups rules

Security group rule 1 (TCP_22_0_0_0_0/0)

Summary

Number of instances Info

1

Software Image (AMI)

Amazon Linux 2 Kernel 5.10 AMI...read more

ami-0b5eaa76982371e91

Virtual server type (instance type)

t2.micro

Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 8 GiB

Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable)

Cancel Launch instance

25 Click "Availability Zone: us-east-1a"

The screenshot shows the AWS Launch Wizard interface. On the left, under 'Network settings', there's a dropdown for 'VPC - required info' set to 'vpc-0538fdc27f865dd24 (project) 10.0.0.0/16'. In the 'Subnet info' section, a yellow circle highlights the 'Availability Zone: us-east-1a' dropdown. Below it, there's an 'Auto-assign public IP' dropdown set to 'Enable'. Under 'Firewall (security groups)', there are two options: 'Create security group' (selected) and 'Select existing security group'. The 'Security group name - required' field contains 'launch-wizard-5'. The 'Description - required info' field contains 'launch-wizard-5 created 2022-12-24T12:05:08.422Z'. On the right, the 'Summary' section shows 'Number of instances: 1'. It includes details about the 'Software Image (AMI)', 'Virtual server type (instance type)', 'Storage (volumes)', and a 'Free tier' information box. At the bottom right are 'Cancel' and 'Launch instance' buttons.

26 Click "Availability Zone: us-east-1a"

This screenshot is identical to the one above, showing the 'Network settings' step of the AWS Launch Wizard. The 'Availability Zone: us-east-1a' dropdown is highlighted with a yellow circle. The rest of the interface, including the subnet list, security group options, and summary details, is consistent with the previous screenshot.

27

Click "Select existing security group"

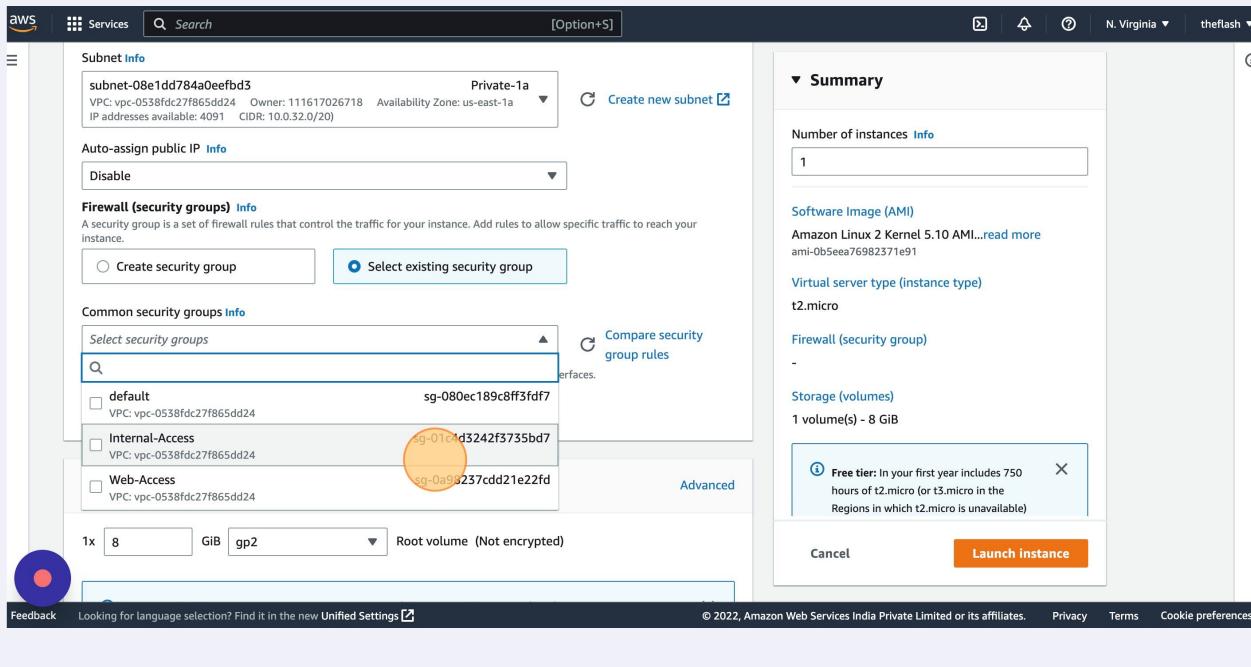
The screenshot shows the AWS Launch Wizard interface at Step 27. In the 'Network settings' section, there is a 'Firewall (security groups)' info block. It contains two radio buttons: 'Create security group' (selected) and 'Select existing security group'. A yellow circle highlights the 'Select existing security group' button. To the right, the 'Summary' section shows a single instance being launched with an Amazon Linux 2 AMI and t2.micro instance type.

28

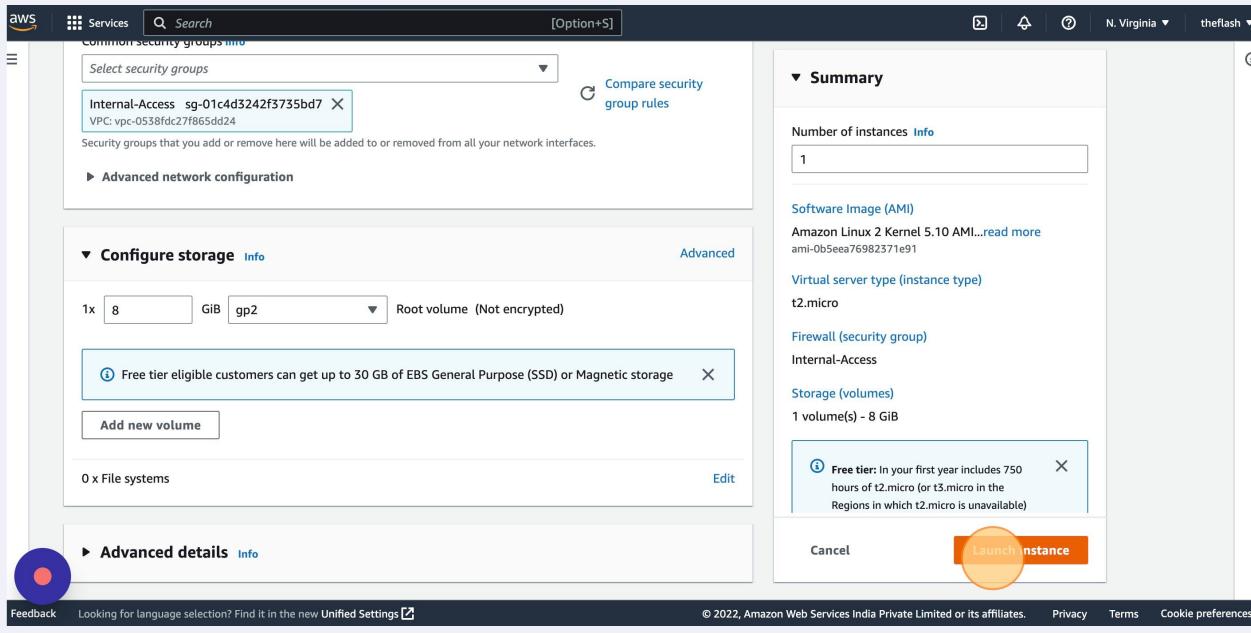
Click "Select security groups"

The screenshot shows the AWS Launch Wizard interface at Step 28. In the 'Network settings' section, there is a 'Common security groups' info block. It features a dropdown menu labeled 'Select security groups' with a yellow circle highlighting it. Below the dropdown, a note says 'Security groups that you add or remove here will be added to or removed from all your network interfaces.' To the right, the 'Summary' section shows a single instance being launched with an Amazon Linux 2 AMI and t2.micro instance type.

29 Click "VPC: vpc-0538fdc27f865dd24"



30 Click "Launch instance"



31 Click "Instances"

The screenshot shows the AWS EC2 Instances launch wizard. At the top, there's a success message: "Success Successfully initiated launch of instance (i-028696bc95586a6de)". Below it is a link to "Launch log". The main area is titled "Next Steps - preview" with a search bar and a navigation menu (1-7). Three cards are displayed: "Create billing and free tier usage alerts", "Connect to your instance", and "Connect an RDS database".

32 Click this checkbox.

The screenshot shows the AWS EC2 Instances list page. On the left, there's a sidebar with various options like EC2 Dashboard, EC2 Global View, Events, Tags, Instances (with sub-options like Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Scheduled Instances, Capacity Reservations), and Images. The main area shows a table of instances with two rows: "Public" (Instance ID: i-010aed933720d3d3b) and "Private" (Instance ID: i-028696bc95586a6de). A checkbox is highlighted with a yellow circle next to the "Public" instance. The table has columns for Name, Instance ID, Instance state, Instance type, Status check, Alarm status, and Availability Zone.