

Amazon Workflow



1

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

2

Click "-"

The screenshot shows the AWS VPC dashboard with the EC2 Global View feature enabled. On the left, there's a sidebar with options like 'Your VPCs', 'Subnets' (which is selected and highlighted in orange), 'Route tables', 'Internet gateways', 'Egress-only internet gateways', and 'Carrier gateways'. The main area displays a table titled 'Subnets (10)'. The table has columns for 'Name' and 'Subnet ID'. The 'Name' column includes a checkbox and a dropdown arrow. The 'Subnet ID' column lists ten subnets. The row for 'Public-1a' is highlighted with a yellow circle around its name.

	Name	Subnet ID
<input type="checkbox"/>	-	subnet-0676aabc91f92dbc8
<input type="checkbox"/>	Public-1a	subnet-0cd433234f8b0614d
<input type="checkbox"/>	-	subnet-01daef7f129663397
<input type="checkbox"/>	-	subnet-0513f89758fb04ed8
<input type="checkbox"/>	-	subnet-0fc87a309cefb4bf9
<input type="checkbox"/>	-	subnet-078e341a596e29166
<input type="checkbox"/>	Public-1b	subnet-05bfc22ba2bb3d69b
<input type="checkbox"/>	Private-1a	subnet-08e1dd784a0eefbd3

3 Click this checkbox.

The screenshot shows the AWS VPC Subnets page. On the left, there's a sidebar with various VPC-related options like Virtual private cloud, Your VPCs, Subnets (which is selected and highlighted in orange), Route tables, Internet gateways, Egress-only internet gateways, Carrier gateways, DHCP option sets, Elastic IPs, Managed prefix lists, Endpoints, Endpoint services, NAT gateways, and Direct connections. A feedback link and a language selection note are at the bottom of the sidebar. The main area is titled "Subnets (1/10)" and contains a table with columns: Name, Subnet ID, State, and VPC. There are 10 rows, each representing a subnet. The first row has an empty checkbox. The second row, "Public-1a", has a checked checkbox and is highlighted with a yellow circle. Other subnets listed include "Public-1b", "Private-1a", "Private-1b", and several unnamed subnets. The VPC column shows IDs like "vpc-0ee80fc1c05edf1c3" and "vpc-0538fdc27f865dd24". At the bottom of the table, it says "subnet-0cd433234f8b0614d / Public-1a" and provides links for Details, Flow logs, Route table, Network ACL, CIDR reservations, Sharing, and Tags. The footer of the page includes a copyright notice for 2022 and a link to the AWS homepage.

4 Click "Actions"

The screenshot shows a page for creating or managing subnets. At the top, there are icons for copy, delete, and help, followed by the region "N. Virginia". Below this is a large orange "Create sub" button. In the center, there's a "Actions" button with a dropdown arrow, which is also highlighted with a yellow circle. To the left of the actions button is a "C" icon. At the bottom, there are navigation arrows (< 1 >) and dropdown menus for "IPv4 CIDR" and "IPv6 CIDR".

- 5 Click "Edit subnet settings"

The screenshot shows the AWS VPC Subnets page. At the top, there are navigation icons and a dropdown for 'N. Virginia'. Below that is a search bar and a 'Create subnet' button. A context menu is open over a list of subnets, with the 'Edit subnet settings' option highlighted by a yellow circle. The menu also includes options like 'View details', 'Create flow log', 'Edit IPv6 CIDs', 'Edit network ACL association', 'Edit route table association', 'Edit CIDR reservations', 'Share subnet', and 'Manage tags'. The subnet list below shows several entries, all labeled 'Available'.

- 6 Click "Enable auto-assign public IPv4 addressInfo"

VPC > Subnets > subnet-0cd433234f8b0614d > Edit subnet settings

Edit subnet settings Info

The screenshot shows the 'Edit subnet settings' page for a specific subnet. It includes sections for 'Subnet' (with Subnet ID and Name), 'Auto-assign IP settings' (with an 'Enable' checkbox highlighted by an orange circle), 'Resource-based name (RBN) settings' (with a 'Enable' checkbox), and a footer with 'Feedback' and copyright information.

Subnet

Subnet ID subnet-0cd433234f8b0614d	Name Public-1a
---------------------------------------	-------------------

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

Enable auto-assign public IPv4 address Info

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

Resource-based name (RBN) settings Info
Specify the hostname type for EC2 instances in this subnet and optional RBN DNS query settings.

Enable resource name DNS A record on launch Info

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

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7

Click "Save"

The screenshot shows the AWS VPC configuration interface for a subnet. At the top, there are two checkboxes: 'Enable auto-assign public IPv4 address' (checked) and 'Enable auto-assign customer-owned IPv4 address'. Below these are sections for 'Resource-based name (RBN) settings' and 'DNS64 settings'. In the 'DNS64 settings' section, the 'Enable DNS64' checkbox is checked. At the bottom right of the form, there is a 'Save' button, which is highlighted with a yellow circle.

8

Click this checkbox.

The screenshot shows the AWS VPC dashboard with the 'Subnets' section selected. A green banner at the top states: 'You have successfully changed subnet settings: • Enable auto-assign public IPv4 address'. Below this, the 'Subnets (1/10)' table is displayed. The first row, 'Public-1a', has its 'Available' checkbox highlighted with a yellow circle. The table columns include Name, Subnet ID, State, and VPC. The 'Public-1a' row shows: Name - Public-1a, Subnet ID - subnet-0cd433234f8b0614d, State - Available, VPC - vpc-0538fdc27f865dd24 | proj... . Other rows listed are 'Public-1b' and 'Private-1a'.

9 Click here.

The screenshot shows the AWS VPC Subnets page. At the top, there's a green banner with the text "Enable auto-assign public IPv4 address". Below it, a table lists 10 subnets. The subnet "Public-1b" is circled in orange. The table columns are: Name, Subnet ID, State, and VPC. The subnets listed are: -, subnet-0676aabc91f92dbc8 (Available, vpc-0ee80fc1c05edf1c3); Public-1a, subnet-0cd433234f8b0614d (Available, vpc-0538fdc27f865dd24 | proj...); -, subnet-01daef7f129663397 (Available, vpc-0ee80fc1c05edf1c3); -, subnet-0513f89758fb04ed8 (Available, vpc-0ee80fc1c05edf1c3); -, subnet-0fc87a309cefb4bf9 (Available, vpc-0ee80fc1c05edf1c3); -, subnet-078e341a596e29166 (Available, vpc-0ee80fc1c05edf1c3); Public-1b, subnet-05bfc22ba2bb3d69b (Available, vpc-0538fdc27f865dd24 | proj...); Private-1a, subnet-08e1dd784a0eefbd3 (Available, vpc-0538fdc27f865dd24 | proj...).

10 Click "Public-1b"

The screenshot shows the AWS VPC Subnets page with a table of 10 subnets. The subnet "Public-1b" is circled in orange. The table columns are: Name, Subnet ID, State, VPC, and a numerical column. The subnets listed are: Public-1a, subnet-0cd433234f8b0614d (Available, vpc-0538fdc27f865dd24 | proj..., 10.0); Public-1a, subnet-01daef7f129663397 (Available, vpc-0ee80fc1c05edf1c3, 172); Public-1a, subnet-0513f89758fb04ed8 (Available, vpc-0ee80fc1c05edf1c3, 172); Public-1a, subnet-0fc87a309cefb4bf9 (Available, vpc-0ee80fc1c05edf1c3, 172); Public-1a, subnet-078e341a596e29166 (Available, vpc-0ee80fc1c05edf1c3, 172); Public-1b, subnet-05bfc22ba2bb3d69b (Available, vpc-0538fdc27f865dd24 | proj..., 10.0); Private-1a, subnet-08e1dd784a0eefbd3 (Available, vpc-0538fdc27f865dd24 | proj..., 10.0); Private-1b, subnet-0e5b5a459f7d4b282 (Available, vpc-0538fdc27f865dd24 | proj..., 10.0); Private-1b, subnet-0403899833550cc7b (Available, vpc-0ee80fc1c05edf1c3, 172).

bfc22ba2bb3d69b / Public-1b

11 See "project" vpc is attached.

The screenshot shows the AWS CloudFormation console with a subnet named '1a' selected. The 'Info' tab is active. At the top right are 'Actions' and a refresh button. Below is a table with two rows:

Subnet	Subnet ID	Status	VPC	CIDR Block
1a	subnet-0cd433234f8b0614d	Available	vpc-0538fdc27f865dd24 project	10.0.0.0/24
	subnet-01daef7f129663397	Available	vpc-0ee80fc1c05edf1c3	172.31.4.0/24

Below the table is a detailed configuration section:

Subnet	VPC vpc-0538fdc27f865dd24 project	Auto-assign IPv6 address No	Auto-assign public IPv4 address No	IPv4 CIDR reservations -	IPv6 CIDR reservations -
	Outpost ID -	Resource name DNS A record Disabled	Hostname type IP name	Owner arn:aws:iam::111111111111:root	Resource name Disabled

12 Click "Actions"

The screenshot shows the AWS CloudFormation console with a subnet named '1a' selected. The 'Actions' button is highlighted with a yellow circle. Other visible buttons include 'Create subnet' and navigation controls (< 1 > and settings gear).

Below the actions bar, the subnet details are shown:

Subnet	Subnet ID	CIDR Block	Region
1a	subnet-0cd433234f8b0614d	10.0.0.0/24	us-east-1

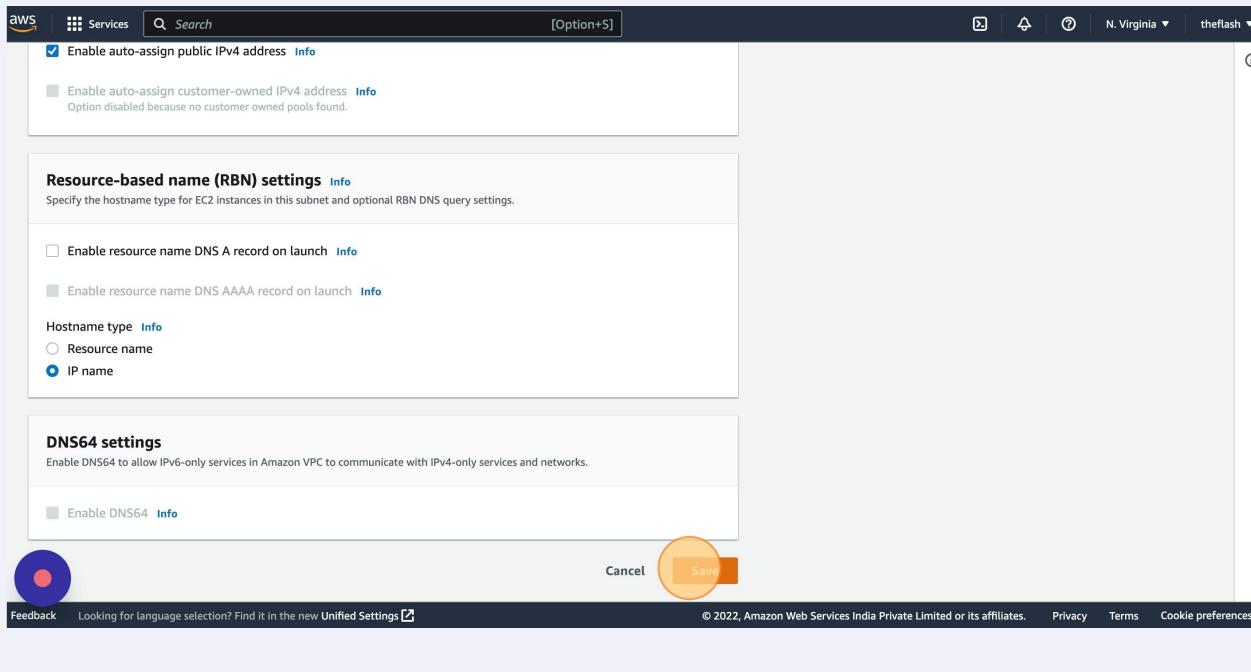
13 Click "Edit subnet settings"

The screenshot shows the AWS VPC dashboard. At the top, a green banner displays the message: "You have successfully changed subnet settings: • Enable auto-assign public IPv4 address". Below the banner, the "Subnets (1/10)" table is shown. The table has two rows: "Public-1a" and "-". The "Actions" column for "Public-1a" contains a circled "Edit subnet settings" option. The "Actions" column for "-" contains "Edit route table association", "Edit CIDR reservations", "Share subnet", "Manage tags", and "Delete subnet".

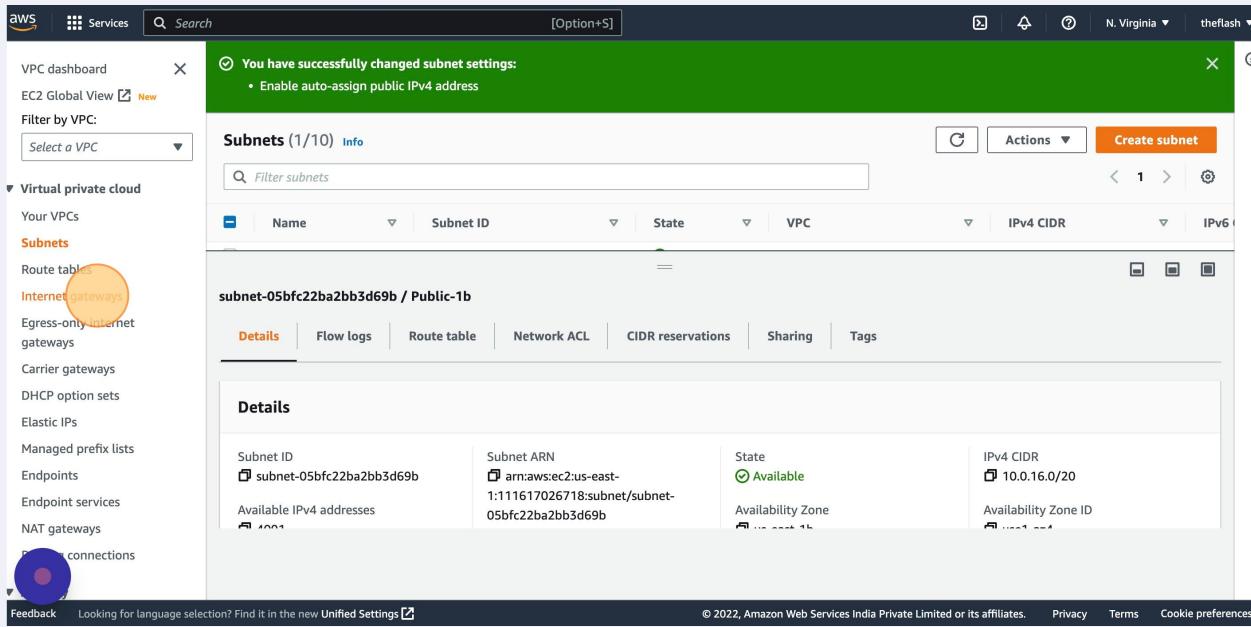
14 Click "Enable auto-assign public IPv4 addressInfo"

The screenshot shows the "Edit subnet settings" page for subnet "Public-1b". The "Auto-assign IP settings" section contains two options: "Enable auto-assign public IPv4 address" (which is highlighted with a yellow circle) and "Enable auto-assign customer-owned IPv4 address". The "Resource-based name (RBN) settings" section contains one option: "Enable resource name DNS A record on launch".

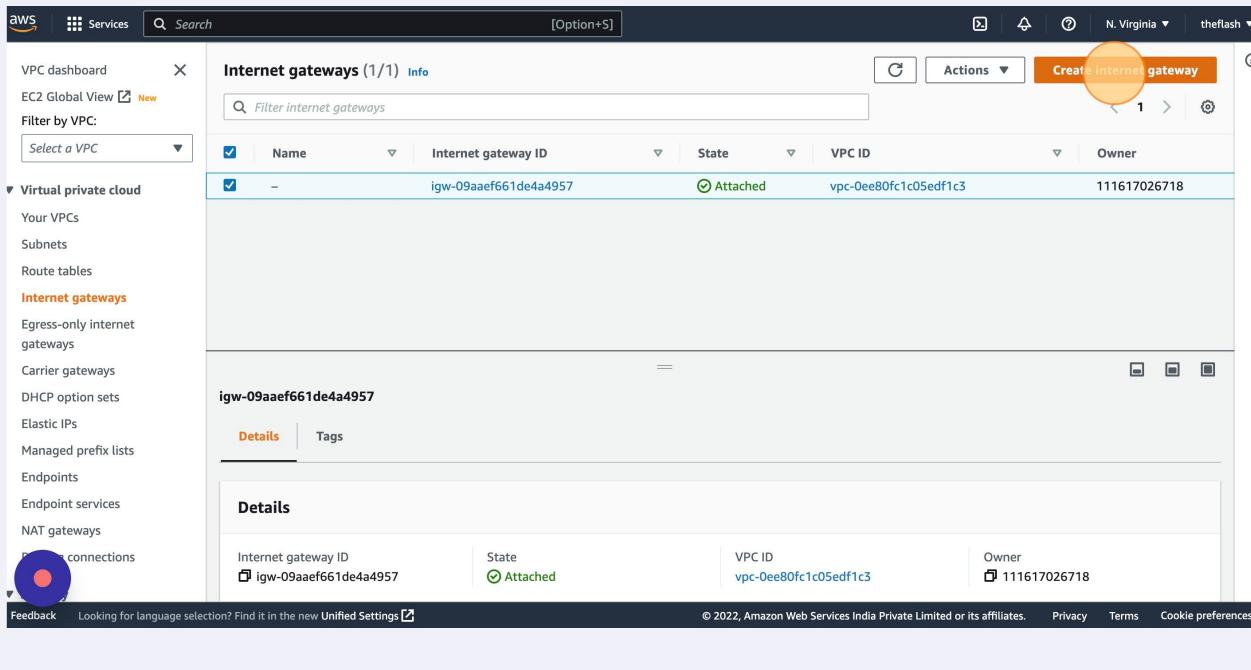
15 Click "Save"



16 Click "Internet gateways"



17 Click "Create internet gateway"

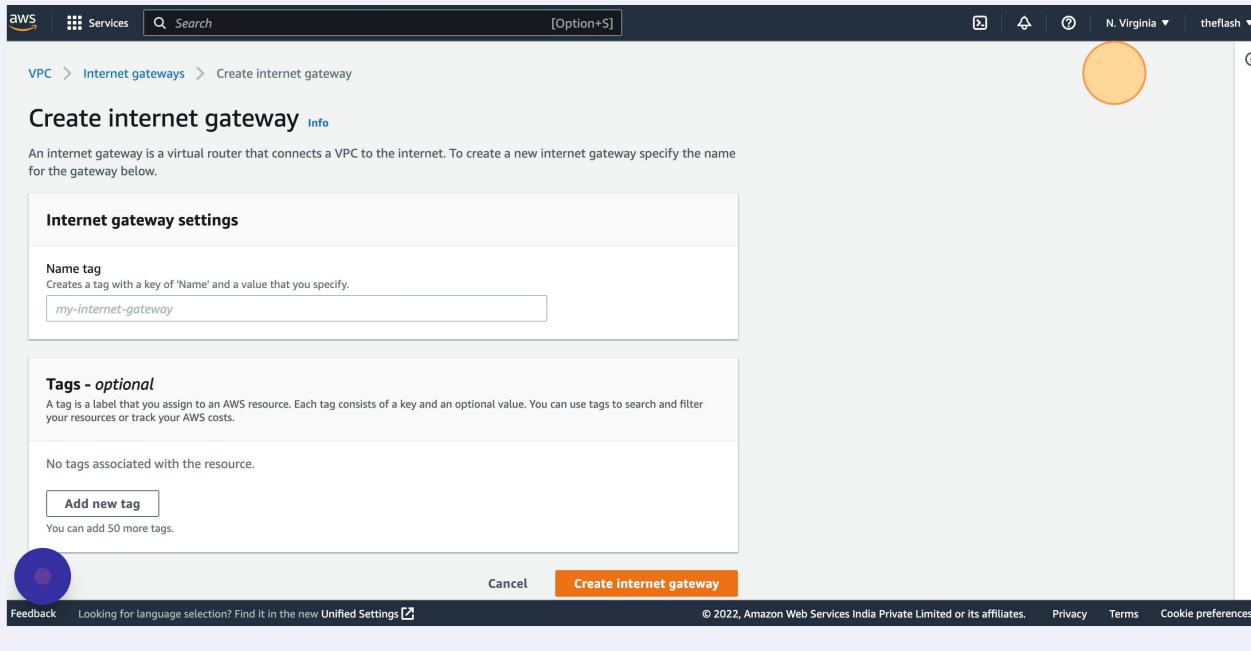


The screenshot shows the AWS VPC dashboard with the 'Internet gateways' section selected. A single internet gateway is listed:

Name	Internet gateway ID	State	VPC ID	Owner
-	igw-09aaef661de4a4957	Attached	vpc-0ee80fc1c05edf1c3	111617026718

At the top right of the list table, there is an orange button labeled "Create Internet gateway" which is circled in yellow.

18 Click here.



The screenshot shows the "Create internet gateway" settings page. It includes fields for a name tag and optional tags, along with a "Create Internet gateway" button at the bottom.

Internet gateway settings

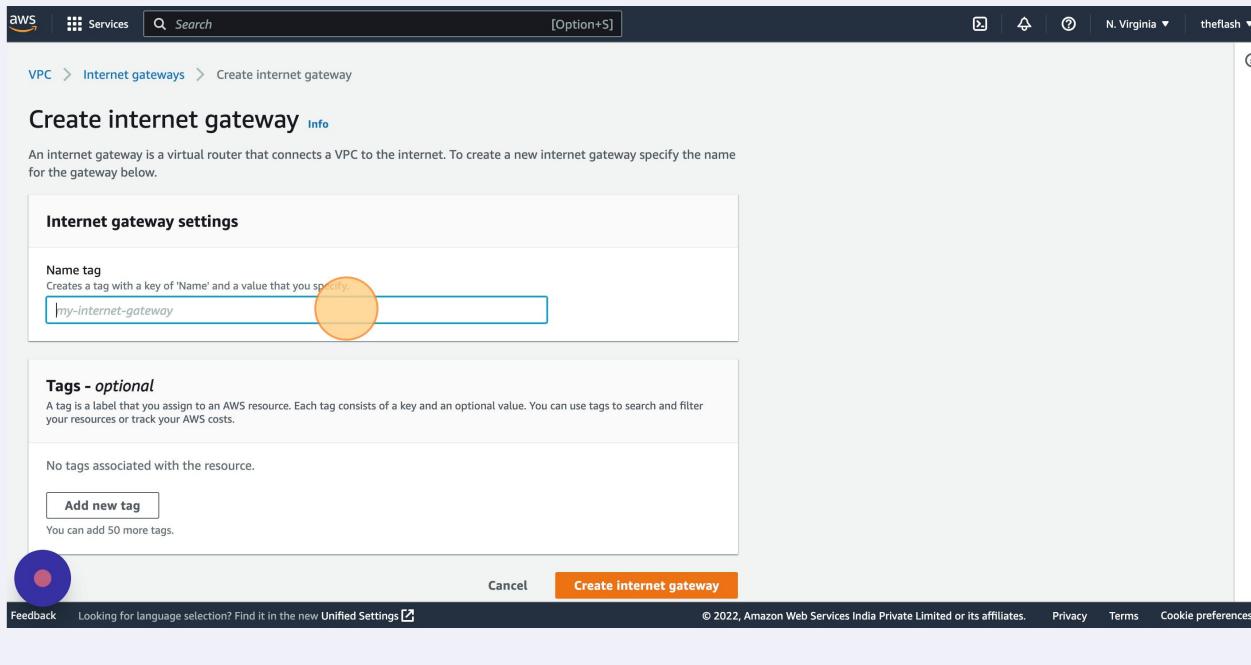
Name tag
Creates a tag with a key of 'Name' and a value that you specify.

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.

No tags associated with the resource.
[Add new tag](#)
You can add 50 more tags.

[Cancel](#) [Create Internet gateway](#)

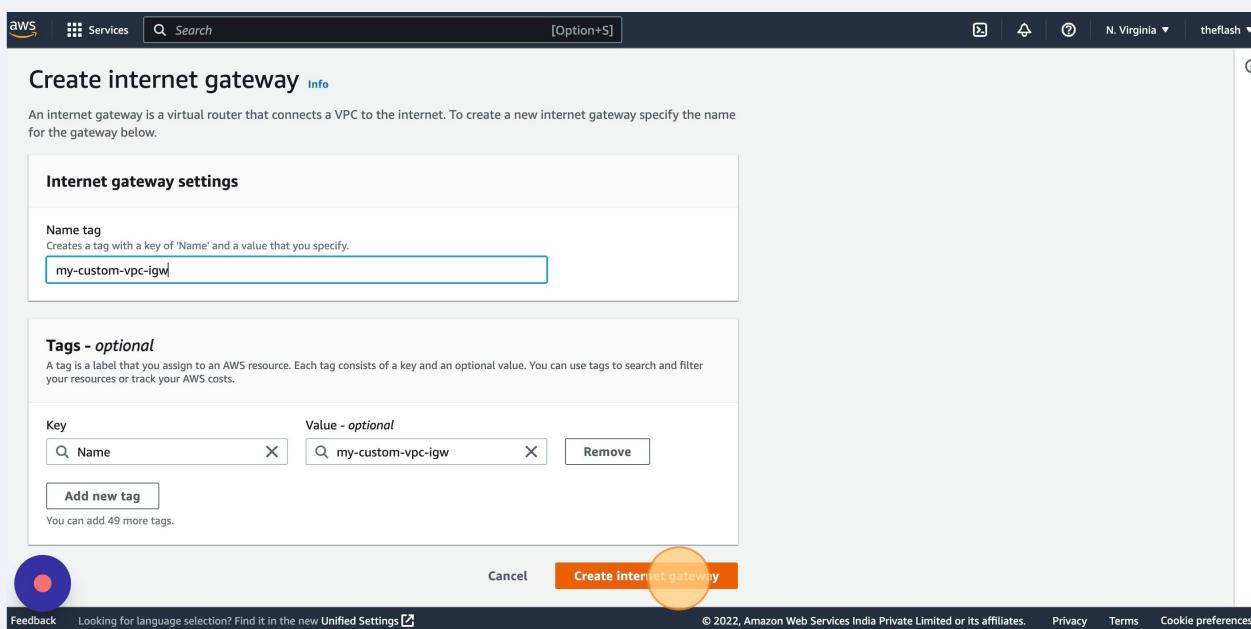
19 Click the "Name tag" field.



The screenshot shows the AWS Management Console interface for creating an internet gateway. At the top, there's a navigation bar with the AWS logo, a search bar, and a dropdown for the region (N. Virginia). Below the navigation is a breadcrumb trail: VPC > Internet gateways > Create internet gateway. The main title is "Create internet gateway" with an "Info" link. A descriptive text explains that an internet gateway connects a VPC to the internet and asks to specify a name. The "Internet gateway settings" section contains a "Name tag" input field where "my-internet-gateway" is typed. This input field is circled in orange. Below it is a "Tags - optional" section with a note about tags being optional labels for AWS resources. There's a "Add new tag" button and a note that 50 more tags can be added. At the bottom right of the form is an orange "Create internet gateway" button.

20 Type "my-custom-vpc-igw"

21 Click "Create internet gateway"



This screenshot shows the same "Create internet gateway" page as the previous one, but with different input values. In the "Name tag" field, "my-custom-vpc-igw" has been typed. The "Tags - optional" section now includes a single tag entry: a key of "Name" and a value of "my-custom-vpc-igw". The "Create internet gateway" button at the bottom right is circled in orange.

22 Click "Attach to a VPC"

The screenshot shows the AWS VPC Internet Gateways page. At the top, there is a green banner message: "The following internet gateway was created: igw-0c0e6ac4a074c2da3 - my-custom-vpc-igw. You can now attach to a VPC to enable the VPC to communicate with the internet." Below the banner, the URL is VPC > Internet gateways > igw-0c0e6ac4a074c2da3. The main title is "igw-0c0e6ac4a074c2da3 / my-custom-vpc-igw". On the left, there is a sidebar for "Virtual private cloud" with various options like Your VPCs, Subnets, Route tables, and Internet gateways (which is selected). On the right, there are sections for "Details" (showing Internet gateway ID: igw-0c0e6ac4a074c2da3, State: Detached, VPC ID: -, Owner: 111617026718) and "Tags" (with one tag: Name: my-custom-vpc-igw). At the bottom right, there is a "Manage tags" button. A yellow circle highlights the "Attach to a VPC" button in the top right corner.

23 Click the "Available VPCs" field.

The screenshot shows the "Attach to VPC" dialog box. The title is "Attach to VPC (igw-0c0e6ac4a074c2da3)". The "VPC" section contains the instruction: "Attach an internet gateway to a VPC to enable the VPC to communicate with the internet. Specify the VPC to attach below." Below this is a "Available VPCs" section with the instruction: "Attach the internet gateway to this VPC." It contains a search bar labeled "Select a VPC" and a dropdown menu with the option "vpc-0538fdc27f865dd24 - project". A yellow circle highlights the "Select a VPC" search bar. At the bottom, there are "Cancel" and "Attach internet gateway" buttons.

24 Click here.

VPC > Internet gateways > Attach to VPC (igw-0c0e6ac4a074c2da3)

Attach to VPC (igw-0c0e6ac4a074c2da3) 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.

Select a VPC

vpc-0538fdc27f865dd24 - project

▶ AWS Command Line Interface command

Cancel

Attach internet gateway

25 Click "Attach internet gateway"

