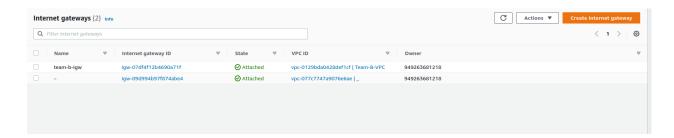# Create Internet Gateway and attach its route in public route table
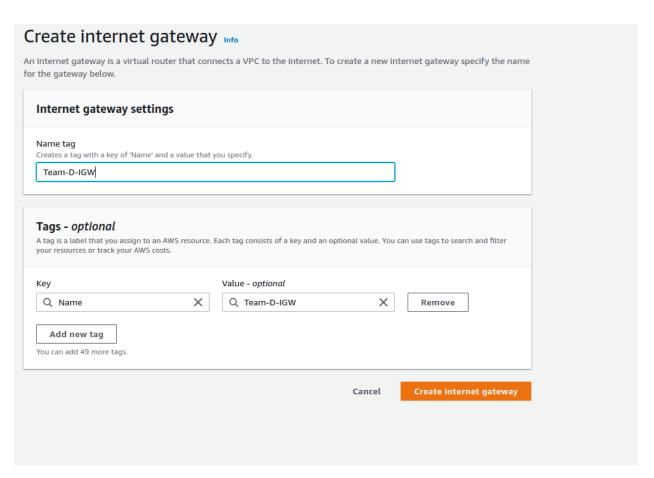
Internet Gateway Home

Internet gateways (2) Info				
Name	Internet gateway ID	State	VPC ID	Owner
team-b-igw	igw-07df4f12b4690a71f	✓ Attached	vpc-0129bda0428def1cf | Team-B-VPC	949263681218
–	igw-09d994b97f874abe4	✓ Attached	vpc-077c7747a9076e6ae | _	949263681218

Create a internet gateway with name Team-D-IGW

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.

Team-D-IGW

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 ✕	🔍 Team-D-IGW ✕	Remove

Add new tag

You can add 49 more tags.

Cancel   **Create internet gateway**

Attach to a VPC

VPC > Internet gateways > igw-03c45b708c220fc56

igw-03c45b708c220fc56 / Team-D-IGW

Actions ▼

Details Info

Internet gateway ID	State	VPC ID	Owner
igw-03c45b708c220fc56	⊖ Detached	-	949263681218

Tags

Manage tags

🔍 Search tags

< 1 > ⚙

Key	Value
Name	Team-D-IGW

Attach the Internet Gateway to the VPC

VPC > Internet gateways > Attach to VPC (igw-03c45b708c220fc56)

Attach to VPC (igw-03c45b708c220fc56) 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-0537baf72f80d5930   ✕

▶ **AWS Command Line Interface command**

Cancel   **Attach internet gateway**

Internet gateway igw-03c45b708c220fc56 successfully attached to vpc-0537baf72f80d5930 ✕ ⓘ

igw-03c45b708c220fc56 / Team-D-IGW

Actions ▼

Details Info

Internet gateway ID	State	VPC ID	Owner
🗗 igw-03c45b708c220fc56	⊘ Attached	vpc-0537baf72f80d5930 | Team-D-VPC	🗗 949263681218

Tags

Manage tags

🔍 Search tags

< 1 > ⚙

Key	Value
Name	Team-D-IGW

Attaching the Route to Public Route Table:

Route tables (1/8) Info

🔄 Actions ▼ Create route table

🔍 Filter route tables

< 1 > ⚙

☐	–	rtb-07774796230288822	–	–	Yes	vpc-0537baf72f80d5930 | Tea...	949263681218
☐	team-b-public-rtb2	rtb-04ae52811a1122fdb	subnet-062cdc3231bdf...	–	No	vpc-0129bda0428def1cf | Tea...	949263681218
☐	team-b-public-rtb3	rtb-08492e1def56dc7c2	subnet-056630f65be6d...	–	No	vpc-0129bda0428def1cf | Tea...	949263681218
☐	team-b-public-rtb1	rtb-060d1a69cd3edab7b	subnet-08ee2e4bd0386...	–	No	vpc-0129bda0428def1cf | Tea...	949263681218
☑	Team-D-Pub-RTB	rtb-05eeaf795a9933f6d	3 subnets	–	No	vpc-0537baf72f80d5930 | Tea...	949263681218
☐	–	rtb-029df24b4067b0c50	–	–	Yes	vpc-077c7747a9076e6ae | _	949263681218

▭ ▭ ▭

rtb-05eeaf795a9933f6d / Team-D-Pub-RTB

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

Routes (1)

Edit routes

🔍 Filter routes | Both ▼

< 1 > ⚙

Destination ▽	Target ▽	Status ▽	Propagated ▽
10.15.32.0/22	local	⊘ Active	No

Edit routes

Destination	Target	Status	Propagated
10.15.32.0/22	🔍 local ✕	⊘ Active	No

Add route

Cancel Preview Save changes

Add the internet gateway to target and allow destinations to everywhere as below:

Edit routes

Destination	Target	Status	Propagated	
10.15.32.0/22	🔍 local ✕	⊘ Active	No	
🔍 0.0.0.0/0 ✕	🔍 igw-03c45b708c220fc56 ✕	-	No	Remove

Add route

Cancel Preview **Save changes**

---

rtb-05eeaf795a9933f6d / Team-D-Pub-RTB   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-05eeaf795a9933f6d	▭ No	3 subnets	–
VPC	**Owner ID**		
vpc-0537baf72f80d5930 | Team-D-VPC	▭ 949263681218		

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

Routes (2)   Edit routes

🔍 Filter routes   Both ▼   ‹ 1 › ⚙

Destination ▽	Target ▽	Status ▽	Propagated ▽
10.15.32.0/22	local	⊘ Active	No
0.0.0.0/0	igw-03c45b708c220fc56	⊘ Active	No

Thus, Internet Gateway Route has been added to the public route table.