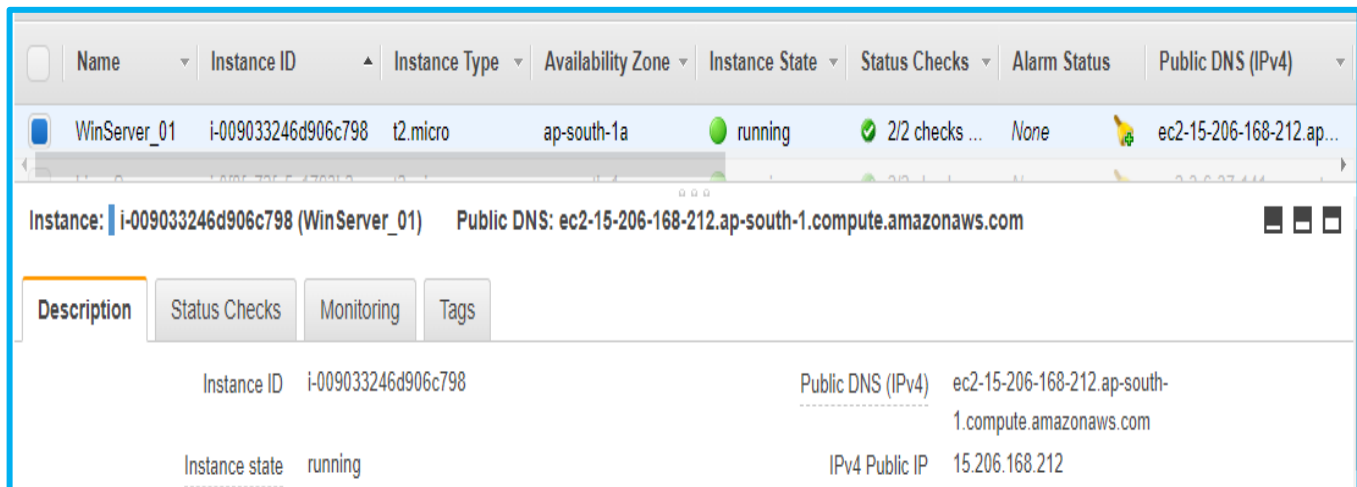


Elastic IP Address

Running Instance with IP Address 15.206.168.212



The screenshot shows the AWS Management Console interface for an EC2 instance named 'WinServer_01'. The instance is in a 'running' state. The 'Public DNS (IPv4)' column shows 'ec2-15-206-168-212.ap-south-1.compute.amazonaws.com'. The 'Instance ID' is 'i-009033246d906c798'. The 'Instance Type' is 't2.micro'. The 'Availability Zone' is 'ap-south-1a'. The 'Status Checks' column shows '2/2 checks ...'. The 'Alarm Status' is 'None'. The 'Public DNS (IPv4)' column shows 'ec2-15-206-168-212.ap-south-1.compute.amazonaws.com'. The 'Instance state' is 'running'. The 'IPv4 Public IP' is '15.206.168.212'.

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)
WinServer_01	i-009033246d906c798	t2.micro	ap-south-1a	running	2/2 checks ...	None	ec2-15-206-168-212.ap-south-1.compute.amazonaws.com

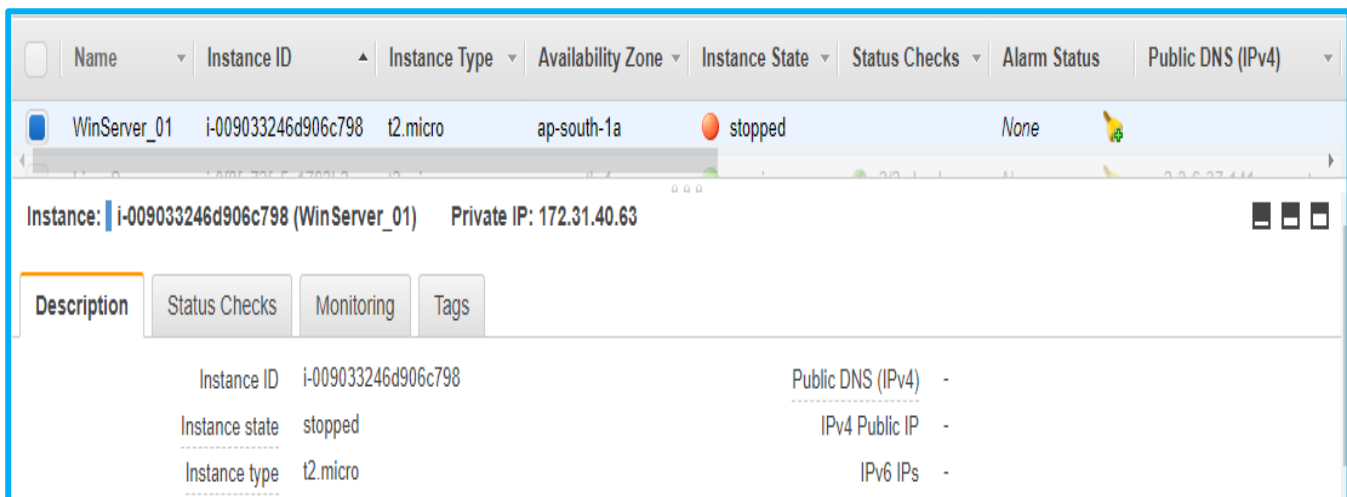
Instance: i-009033246d906c798 (WinServer_01) Public DNS: ec2-15-206-168-212.ap-south-1.compute.amazonaws.com

Description Status Checks Monitoring Tags

Instance ID i-009033246d906c798 Public DNS (IPv4) ec2-15-206-168-212.ap-south-1.compute.amazonaws.com

Instance state running IPv4 Public IP 15.206.168.212

Stopping the instance loses its IP address



The screenshot shows the AWS Management Console interface for the same EC2 instance 'WinServer_01'. The instance is now in a 'stopped' state. The 'Public DNS (IPv4)' column is empty. The 'Instance ID' is 'i-009033246d906c798'. The 'Instance Type' is 't2.micro'. The 'Availability Zone' is 'ap-south-1a'. The 'Status Checks' column shows '2/2 checks ...'. The 'Alarm Status' is 'None'. The 'Private IP' is '172.31.40.63'. The 'Instance state' is 'stopped'. The 'Instance type' is 't2.micro'.

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)
WinServer_01	i-009033246d906c798	t2.micro	ap-south-1a	stopped	2/2 checks ...	None	

Instance: i-009033246d906c798 (WinServer_01) Private IP: 172.31.40.63

Description Status Checks Monitoring Tags

Instance ID i-009033246d906c798 Public DNS (IPv4) -

Instance state stopped IPv4 Public IP -

Instance type t2.micro IPv6 IPs -

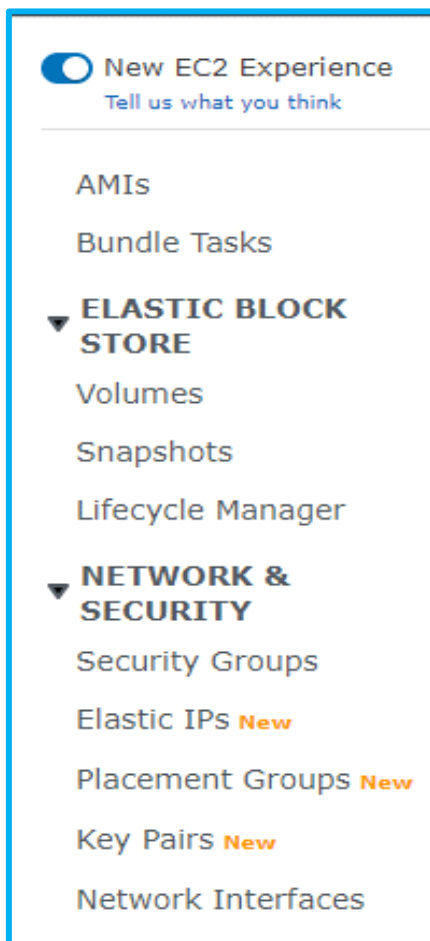
Restarting the instance allocates a new IP Address 13.234.231.45

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)
WinServer_01	i-009033246d906c798	t2.micro	ap-south-1a	running	Initializing	None	ec2-13-234-231-45.ap-...

Instance: i-009033246d906c798 (WinServer_01) Public DNS: ec2-13-234-231-45.ap-south-1.compute.amazonaws.com

Description	Status Checks	Monitoring	Tags
Instance ID	i-009033246d906c798	Public DNS (IPv4)	ec2-13-234-231-45.ap-south-1.compute.amazonaws.com
Instance state	running	IPv4 Public IP	13.234.231.45
Instance type	t2.micro	IPv6 IPs	-


Navigate to EC2 -> Network & Security -> Elastic IP





Select Allocate Elastic IP address

EC2 > Elastic IP addresses

Elastic IP addresses (0)

 Actions ▾ **Allocate Elastic IP address**

An Elastic IP address is a static, public IPv4 address that you allocate to your AWS account and is reachable from the internet. [Learn more](#) 

< 1 > 

Name	Public IPv4 address	Allocation ID	Associated instance ID	Private IP address	Association ID
<div>No Elastic IP addresses found in this Region</div> <div>Click the Allocate Elastic IP address button to allocate your first Elastic IP address in this Region</div> <div>Allocate Elastic IP address</div>					

Select Allocate

EC2 > Elastic IP addresses > Allocate Elastic IP address

Allocate Elastic IP address

Allocate an Elastic IP address by selecting the public IPv4 address pool from which the public IP address is to be allocated. Elastic IP addresses incur charges if they are not associated with a running instance or a network interface that is attached to a running instance.

Elastic IP address settings

Public IPv4 address pool

Indicates whether the public IPv4 address is to be allocated from Amazon's pool of public IPv4 addresses, or from your pool of public IPv4 addresses that you brought to your AWS account. [Learn more](#).



- ☒ Amazon's pool of IPv4 addresses
- ☐ My pool of public IPv4 addresses (option disabled because no pools found)


Cancel


Allocate

A new static IP address 13.126.117.36 generated

EC2 > Elastic IP addresses > 13.126.117.36

Elastic IP addresses (1)  **Actions**  **Allocate Elastic IP address**



An Elastic IP address is a static, public IPv4 address that you allocate to your AWS account and is reachable from the internet. [Learn more](#) 


Public IPv4 address: 13.126.117.36  **Clear filters**

<input checked="" type="checkbox"/>	Name	Public IPv4 address	Allocation ID	Associated instance ID	Private IP address	Assoc
<input checked="" type="checkbox"/>		13.126.117.36	eipalloc-0d292ade26273ab81	-	-	-

Select Allocate Elastic IP address to available resources


EC2 > Elastic IP addresses > 13.126.117.36

Elastic IP addresses (1)  **Actions**  **Allocate Elastic IP address**

An Elastic IP address is a static, public IPv4 address that you allocate to your AWS account and is reachable from the internet. [Learn more](#) 

☒ **Name** **Public IPv4 address** **Allocation ID** **Associated instance ID** **Private IP address** **Associated**

☒ 13.126.117.36 eipalloc-0d292ade26273ab81 - - -

- View details 
- Release Elastic IP addresses
- Associate Elastic IP address
- Disassociate Elastic IP address

Select the resource Windows Instance


Choose the instance or network interface to associate to this Elastic IP address (13.126.117.36)

Elastic IP address: 13.126.117.36

Resource type

Choose the type of resource with which to associate the Elastic IP address.

- ☒ Instance
- ☐ Network interface

 If you associate an Elastic IP address to an instance that already has an Elastic IP address associated, this previously associated Elastic IP address will be disassociated but still allocated to your account. [Learn more.](#)

Instance

 *Choose an instance*

i-009033246d906c798 (WinServer_01) - running

i-0f8fa72fc5c1793b2 (LinuxServer_01) - running

 *Choose a private IP address*



Elastic IP address assigned to the instance

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)
WinServer_01	i-009033246d906c798	t2.micro	ap-south-1a	running	2/2 checks ...	None	ec2-13-126-117-36.ap-...
LinuxServer_...	i-0f8fa72fc5c1793b2	t2.micro	ap-south-1a	running	2/2 checks ...	None	ec2-3-6-37-141.ap-sout...

Instance: **i-009033246d906c798 (WinServer_01)** Elastic IP: 13.126.117.36

Description

Status Checks

Monitoring

Tags

Instance ID	i-009033246d906c798	Public DNS (IPv4)	ec2-13-126-117-36.ap-south-1.compute.amazonaws.com
Instance state	running	IPv4 Public IP	13.126.117.36
Instance type	t2.micro	IPv6 IPs	-

Now stopping instance does not lose the IP address

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)
WinServer_01	i-009033246d906c798	t2.micro	ap-south-1a	stopped		None	ec2-13-126-117-36.ap-...
LinuxServer_...	i-0f8fa72fc5c1793b2	t2.micro	ap-south-1a	running	2/2 checks ...	None	ec2-3-6-37-141.ap-sout...

Instance: **i-009033246d906c798 (WinServer_01)** Elastic IP: 13.126.117.36

Description

Status Checks


Monitoring

Tags

Instance ID	i-009033246d906c798	Public DNS (IPv4)	ec2-13-126-117-36.ap-south-1.compute.amazonaws.com
Instance state	stopped	IPv4 Public IP	13.126.117.36
Instance type	t2.micro	IPv6 IPs	-


Disassociate the Elastic IP address from the resource


EC2 > Elastic IP addresses > 13.126.117.36

Elastic IP addresses (1)  **Actions** ▾ **Allocate Elastic IP address**

An Elastic IP address is a static, public IPv4 address that you allocate to your AWS account and is ready to use immediately.

☒ **Name** **Public IPv4 address** **Allocation ID** **Associate with** **Disassociate Elastic IP address** **Public IPv4 address** **Ass**

<input checked="" type="checkbox"/>		13.126.117.36	eipalloc-0d292ade26273ab81	i-009033246d906c798 	172.31.40.63	eip
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Dissociate Elastic IP address 

If you disassociate this Elastic IP address, you can reassociate it with a different resource. The Elastic IP address remains allocated to your account. Elastic IP addresses incur charges if they are not associated with a running instance or a network interface that is attached to a running instance.

Elastic IP address
13.126.117.36

Instance ID
i-009033246d906c798

Network interface ID
eni-0306e606745d77945

Cancel **Disassociate**

Release the IP address permanently

EC2 > Elastic IP addresses > 13.126.117.36

Elastic IP addresses (1)

An Elastic IP address is a static, public IPv4 address that you allocate to your AWS account and is ready to use immediately.

☒

Name

Public IPv4 address

Allocation ID

Associated Instance

☒

13.126.117.36

eipalloc-0d292ade26273ab81

-

-

Actions ▾

Allocate Elastic IP address

View details

Release Elastic IP addresses

Associate Elastic IP address



Disassociate Elastic IP address


1 > ⚙



address

Ass

EC2 > Elastic IP addresses > 13.126.117.36






Elastic IP addresses (0)  **Actions**  **Allocate Elastic IP address**




An Elastic IP address is a static, public IPv4 address that you allocate to your AWS account and is reachable from the internet. [Learn more](#) 

 < 1 > 

Name	Public IPv4 address	Allocation ID	Associated instance ID	Private IP address	Association
No Elastic IP addresses found in this Region					
Click the Allocate Elastic IP address button to allocate your first Elastic IP address in this Region					
Allocate Elastic IP address					

Instance stopped and IP address released

<input type="checkbox"/>	Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)
<input checked="" type="checkbox"/>	WinServer_01	i-009033246d906c798	t2.micro	ap-south-1a	 stopped		None	
<input type="checkbox"/>	LinuxServer_...	i-0f8fa72fc5c1793b2	t2.micro	ap-south-1a	 running	 2/2 checks ...	None	 ec2-3-6-37-141.ap-sout...

Instance: **i-009033246d906c798 (WinServer_01)** Private IP: 172.31.40.63   

Description **Status Checks** **Monitoring** **Tags**

Instance ID	i-009033246d906c798	Public DNS (IPv4)	-
Instance state	stopped	IPv4 Public IP	-
Instance type	t2.micro	IPv6 IPs	-