

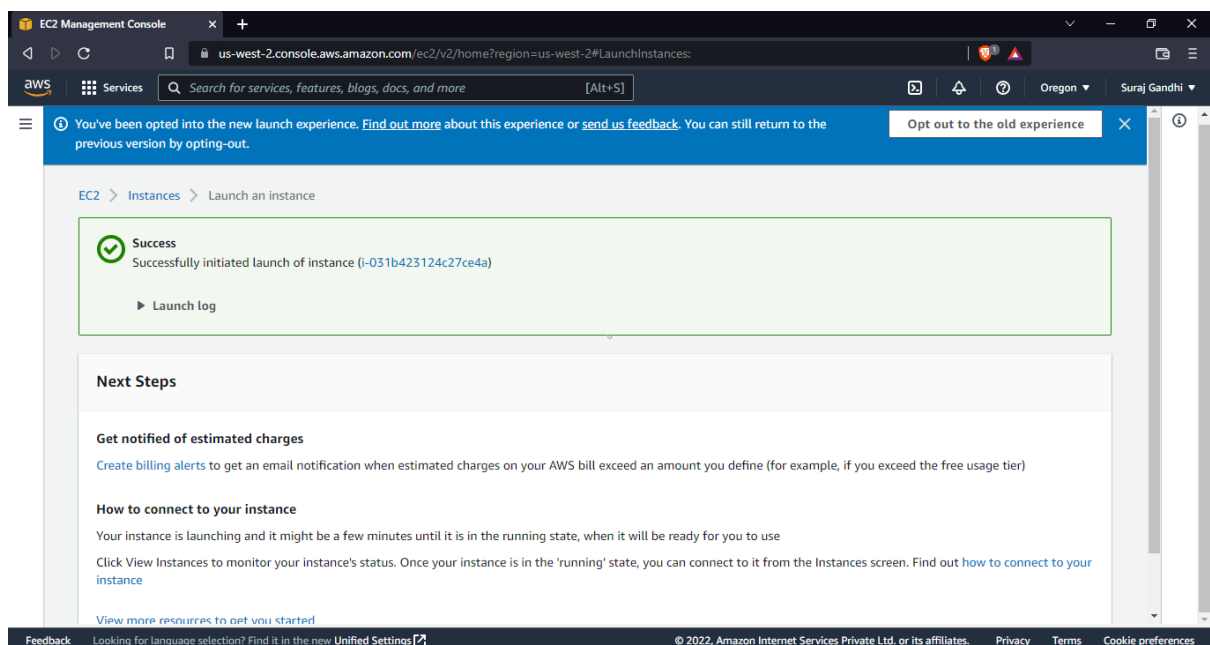
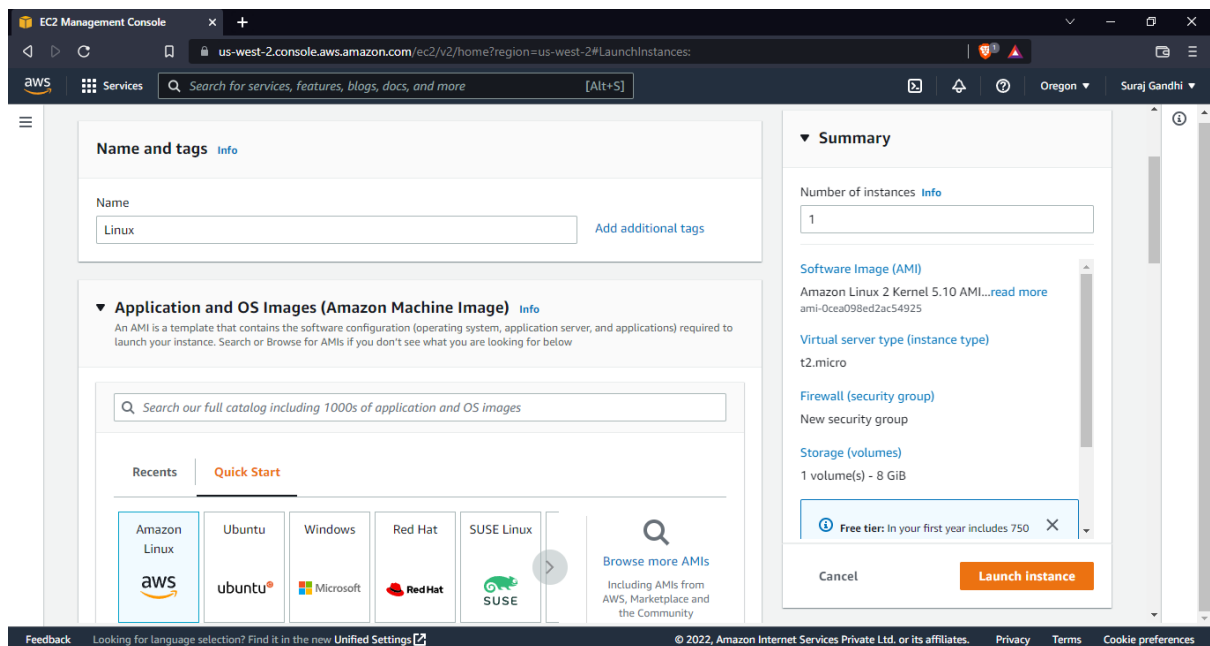
Tutorial 5) Associate Elastic IP to EC2 instance. | Release Elastic IP after practice.

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Course – MSc (DSBDA)



Allocate Elastic IP address | EC2

us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#AllocateAddress:

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EC2 > Elastic IP addresses > Allocate Elastic IP address

Allocate Elastic IP address Info

Elastic IP address settings Info

Network Border Group Info

us-west-2

Public IPv4 address pool

Amazon's pool of IPv4 addresses

Public IPv4 address that you bring to your AWS account (option disabled because no pools found) Learn more

Customer owned pool of IPv4 addresses (option disabled because no customer owned pools found) Learn more

Global static IP addresses

AWS Global Accelerator can provide global static IP addresses that are announced worldwide using anycast from AWS edge locations. This can help improve the availability and latency for your user traffic by using the Amazon global network. Learn more

Create accelerator

Feedback

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EC2 Management Console

us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#Addresses:public-ip=54.200.251.115

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Elastic IP address allocated successfully.

Elastic IP address 54.200.251.115

Associate this Elastic IP address

Elastic IP addresses (1/1)

Filter Elastic IP addresses

Public IPv4 address: 54.200.251.115

Clear filters

<input checked="" type="checkbox"/>	Name	Allocated IPv4 add...	Type	Allocation ID	Reverse DNS n
<input checked="" type="checkbox"/>	-	54.200.251.115	Public IP	eipalloc-Ofa243582e208f189	-

54.200.251.115

Summary

Tags

Summary

Allocated IPv4 address

Type

Allocation ID

Reverse DNS record

Feedback

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Associate Elastic IP address | EC2

us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#AssociateAddressDetails:PublicIp=54.200.251.115;allocationId=ei...

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EC2 > Elastic IP addresses > 54.200.251.115 > Associate Elastic IP address

Associate Elastic IP address

Choose the instance or network interface to associate to this Elastic IP address (54.200.251.115)

Elastic IP address: 54.200.251.115

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

Private IP address

The private IP address with which to associate the Elastic IP address.

Reassociation

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Elastic IP address | EC2 Manager

us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#ElasticIpDetails:PublicIp=54.200.251.115

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✓ Elastic IP address associated successfully.

Elastic IP address 54.200.251.115 has been associated with instance i-031b423124c27ce4a

EC2 > Elastic IP addresses > 54.200.251.115

54.200.251.115

Actions Associate Elastic IP address

Summary

Allocated IPv4 address	Type	Allocation ID	Reverse DNS record
54.200.251.115	Public IP	eipalloc-0fa243582e208f189	-
Association ID	Scope	Associated instance ID	Private IP address
eipassoc-0e083cb6591076a66	VPC	i-031b423124c27ce4a	172.31.19.213
Network interface ID	Network interface owner account ID	Public DNS	NAT Gateway ID
eni-0cf54f0eda13b9aab	070714338482	ec2-54-200-251-115.us-west-2.compute.amazonaws.com	-
Address pool	Network Border Group		

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54.200.251.115

Summary

Allocated IPv4 address

54.200.251.115

Association ID

eipassoc-0e083cb6591076a66

Network interface ID

eni-0cf54f0eda13b9aab

Address pool

Amazon

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. You can have one Elastic IP (EIP) address associated with a running instance at no charge. If you associate additional EIPs with that instance, you will be charged for each additional EIP associated with that instance on a pro rata basis. Additional EIPs are only available in Amazon VPC. To ensure efficient use of Elastic IP addresses, we impose a small hourly charge when these IP addresses are not associated with a running instance or when they are associated with a stopped instance or unattached network interface.

Elastic IP address

54.200.251.115

Instance ID

i-031b423124c27ce4a

Network interface ID

eni-0cf54f0eda13b9aab

Cancel

Disassociate

Feedback

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54.200.251.115

Actions

Associate Elastic IP address

Summary

Allocated IPv4 address	Type	Allocation ID	Reverse DNS record
54.200.251.115	Public IP	eipalloc-0fa243582e208f189	-
Association ID	Scope	Associated instance ID	Private IP address
-	VPC	-	-
Network interface ID	Network interface owner account ID	Public DNS	NAT Gateway ID
-	-	-	-
Address pool	Network Border Group		
Amazon	us-west-2		

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Instances | EC2 Management Console

us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#Instances:sort=instancetype

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Connect

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Filter by tags and attributes or search by keyword

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)
Linux	i-031b423124c27ce4a	t2.micro	us-west-2a	running	2/2 checks ...	None	ec2-54-214-80-83.us-w...

Instance: i-031b423124c27ce4a (Linux) Public DNS: ec2-54-214-80-83.us-west-2.compute.amazonaws.com

DescriptionStatus ChecksMonitoringTags

Instance ID	i-031b423124c27ce4a	Public DNS (IPv4)	ec2-54-214-80-83.us-west-2.compute.amazonaws.com
Instance state	running	IPv4 Public IP	54.214.80.83
Instance type	t2.micro	IPv6 IPs	-
Finding	Opt-in to AWS Compute Optimizer for recommendations. Learn more	Elastic IPs	
Private DNS	ip-172-31-19-213.us-west-2.compute.internal	Availability zone	us-west-2a
Private IPs	172.31.19.213	Security groups	launch-wizard-13 view inbound rules view outbound rules
Secondary private IPs		Scheduled events	No scheduled events

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