

# Task Performs

## 1. TASK PERFORM SG (STATEFULL)

### CREATE 1 EC2 INSTANCE

Instances (1) Info

Search

<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 D
<input type="checkbox"/>	WEBSERVER	i-069175499e74c442d	Running	t2.micro	2/2 checks passed	No alarms	ap-south-1a	ec2-13-235-13

### Default INBOND rule

Security Groups (1/2) Info

Filter security groups

<input type="checkbox"/>	Name	Security group ID	Security group name	VPC ID	Description	Owner
<input checked="" type="checkbox"/>	WEB-SG	sg-06ed887b5a10d456a	web-SG	vpc-08154b71895cf56c5	launch-wizard-1 create...	659202326636
<input type="checkbox"/>	-	sg-0ec79643ff0623a2b	default	vpc-08154b71895cf56c5	default VPC security gr...	659202326636

Details Inbound rules Outbound rules Tags

Inbound rules (2)

Filter security group rules

<input type="checkbox"/>	Name	Security group rule...	IP version	Type	Protocol	Port range
<input type="checkbox"/>	IN-ALL	sgr-074017f46c71c4af6	IPv4	All traffic	All	All
<input type="checkbox"/>	IN-RDP	sgr-034ea82e81e8ec53e	IPv4	RDP	TCP	3389

### Default outbound rule

Security Groups (1/2) Info

Filter security groups

<input type="checkbox"/>	Name	Security group ID	Security group name	VPC ID	Description	Owner
<input checked="" type="checkbox"/>	WEB-SG	sg-06ed887b5a10d456a	web-SG	vpc-08154b71895cf56c5	launch-wizard-1 create...	659202326636
<input type="checkbox"/>	-	sg-0ec79643ff0623a2b	default	vpc-08154b71895cf56c5	default VPC security gr...	659202326636

Details Inbound rules Outbound rules Tags

Outbound rules (1/1)

Filter security group rules

<input checked="" type="checkbox"/>	Name	Security group rule...	IP version	Type	Protocol	Port range
<input checked="" type="checkbox"/>	OUT-ALL	sgr-06fc4b8a557b544d5	IPv4	All traffic	All	All

## Task Performs

If remove the default outbound rule from sg and see whether check able to RDP or not.

The screenshot shows the AWS Management Console interface. At the top, there's a header for 'Security Groups (1/2)' with buttons for 'Actions', 'Export security groups to CSV', and 'Create security group'. Below this is a table of security groups:

	Name	Security group ID	Security group name	VPC ID	Description	Owner
<input checked="" type="checkbox"/>	WEB-SG	sg-06ed887b5a10d456a	web-SG	vpc-08154b71895cf56c5	launch-wizard-1 create...	659202326636
<input type="checkbox"/>	-	sg-0ec79643ff0623a2b	default	vpc-08154b71895cf56c5	default VPC security gr...	659202326636

Below the table, there's a section for 'Outbound rules' with a search bar and a table of rules. The table is currently empty, showing 'No security group rules found'.

Connection establishes done

The screenshot shows the RDP connection setup process. On the left, there's a 'Connection type' section with 'Connect using RDP client' selected. Below it, there's a 'Download remote desktop file' button and a 'When prompted, connect to your instance using the following details' section. The details include 'Public DNS' (ec2-13-235-134-226.ap-south-1.compute.amazonaws.com) and 'User name' (Administrator). A 'Password copied' notification is visible. On the right, a 'Windows Security' dialog box is open, titled 'Enter your credentials'. It shows the user 'Administrator' and the password 'LAPTOP-49J5PVVL\Administrator'. The 'Remember me' checkbox is unchecked. The 'OK' button is highlighted.

Check SUCCESSFULLY CONNECTED

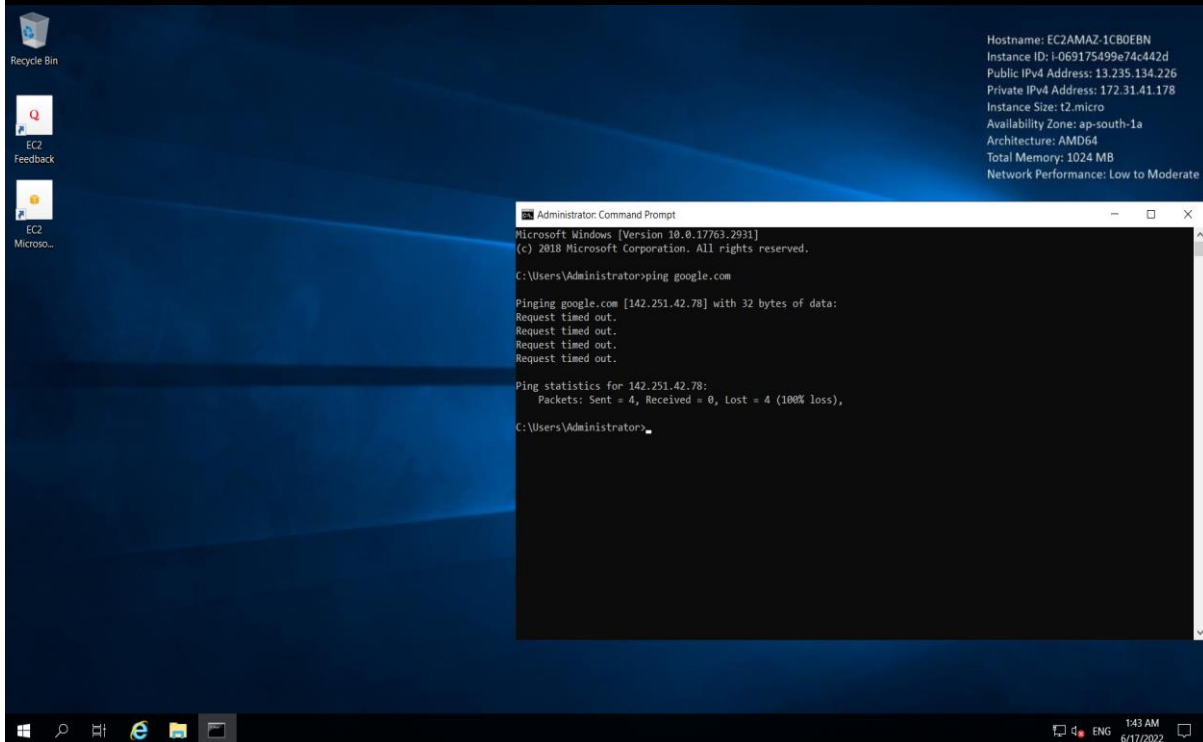
The screenshot shows a Windows 10 desktop environment. The background is the standard Windows 10 blue wallpaper. On the left, there's a taskbar with icons for 'Recycle Bin', 'EC2 Feedback', and 'EC2 Micro...'. On the right, there's a system information box displaying the following details:

- Hostname: EC2AMAZ-1CB0EBN
- Instance ID: i-069175499e74c442d
- Public IPv4 Address: 13.235.134.226
- Private IPv4 Address: 172.31.41.178
- Instance Size: t2.micro
- Availability Zone: ap-south-1a
- Architecture: AMD64
- Total Memory: 1024 MB
- Network Performance: Low to Moderate

The taskbar at the bottom shows the time as 1:37 AM on 6/17/2022.

## Task Performs

If INBOUND rule RDP define and outbound all traffic remove, I have ping to google.com to window instance side → not going ping due to not allow to rule define



If add new outbound rule for all ICMP ipv4 traffic in to sg and inbound rule only RDP I have connected RDP? or local system to web instance going to ping?

### Inbound rules

Security Groups (1/2) Info

Filter security groups

Name	Security group ID	Security group name	VPC ID	Description	Owner
WEB-SG	sg-06ed887b5a10d456a	web-SG	vpc-08154b71895cf56c5	launch-wizard-1 create...	659202326636
-	sg-0ec79643ff0623a2b	default	vpc-08154b71895cf56c5	default VPC security gr...	659202326636

Inbound rules (1/1)

Filter security group rules

Name	Security group rule...	IP version	Type	Protocol	Port range
IN-RDP	sgr-034ea82e81e8ec53e	IPv4	RDP	TCP	3389

# Task Performs

## Outbound rules

Security Groups (1/2) [Info](#)



Actions ▼

Export security groups to CSV ▼

Create security group

Q Filter security groups

< 1 > ⚙

<input checked="" type="checkbox"/>	Name	Security group ID	Security group name	VPC ID	Description	Owner
<input checked="" type="checkbox"/>	WEB-SG	sg-06ed887b5a10d456a	web-SG	vpc-08154b71895cf56c5	launch-wizard-1 create...	659202326636
<input type="checkbox"/>	-	sg-0ec79643ff0623a2b	default	vpc-08154b71895cf56c5	default VPC security gr...	659202326636

Outbound rules (1/1)



Manage tags

Edit outbound rules

Q Filter security group rules

< 1 > ⚙

<input checked="" type="checkbox"/>	Name	Security group rule...	IP version	Type	Protocol	Port range
<input checked="" type="checkbox"/>	out-sg	sgr-06867c374394bcd...	IPv4	All ICMP - IPv4	ICMP	All

**Check RDP connected or not? And ping going to google.com to window instance? →**  
**RDP connected successfully (inbound entry only RDP) & Google.com ping going**  
**(outbound entry only ICMP IPV4)**

Recycle Bin

EC2 Feedback

EC2 Micro...

Hostname: EC2AMAZ-1CB0EBN  
Instance ID: I-069175499e74c442d  
Public IPv4 Address: 13.235.134.226  
Private IPv4 Address: 172.31.41.178  
Instance Size: t2.micro  
Availability Zone: ap-south-1a  
Architecture: AMD64  
Total Memory: 1024 MB  
Network Performance: Low to Moderate

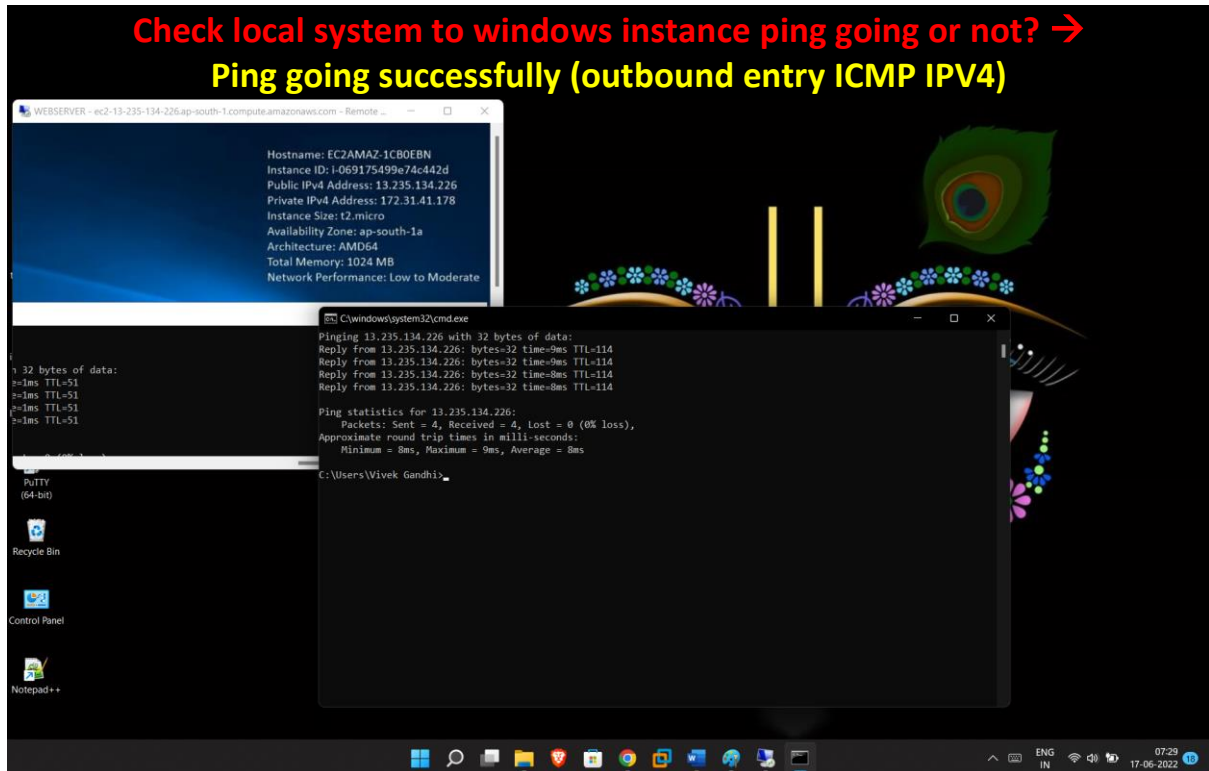
```
C:\Users\Administrator>ping google.com

Pinging google.com [142.250.66.14] with 32 bytes of data:
Reply from 142.250.66.14: bytes=32 time=1ms TTL=51
Reply from 142.250.66.14: bytes=32 time=1ms TTL=51
Reply from 142.250.66.14: bytes=32 time=1ms TTL=51
Reply from 142.250.66.14: bytes=32 time=1ms TTL=51

Ping statistics for 142.250.66.14:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 1ms, Average = 1ms

C:\Users\Administrator>
```

## Task Performs



All task in SG completed its prove that SG is STATEFULL Because I have only one side rule define by default enable services.

# Task Performs

## 2. TASK PERFORM NACL (STATELESS)

Go to nacl and see what are the default entry inbound and outbound rules

Network ACLs (1/1) Info

Filter network ACLs

<input checked="" type="checkbox"/>	Name	Network ACL ID	Associated with	Default	VPC ID
<input checked="" type="checkbox"/>	web-NACL	acl-016d66da1e583c7e7	3 Subnets	Yes	vpc-08154b71895cf56c5

acl-016d66da1e583c7e7 / web-NACL

Details Inbound rules Outbound rules Subnet associations Tags

Inbound rules (2)

Filter inbound rules

Rule number	Type	Protocol	Port range	Source	Allow/Deny
100	All traffic	All	All	0.0.0.0/0	Allow
*	All traffic	All	All	0.0.0.0/0	Deny

Network ACLs (1/1) Info

Filter network ACLs

<input checked="" type="checkbox"/>	Name	Network ACL ID	Associated with	Default	VPC ID
<input checked="" type="checkbox"/>	web-NACL	acl-016d66da1e583c7e7	3 Subnets	Yes	vpc-08154b71895cf56c5

acl-016d66da1e583c7e7 / web-NACL

Details Inbound rules Outbound rules Subnet associations Tags

Outbound rules (2)

Filter outbound rules

Rule number	Type	Protocol	Port range	Destination	Allow/Deny
100	All traffic	All	All	0.0.0.0/0	Allow
*	All traffic	All	All	0.0.0.0/0	Deny

Go to inbound rule and create to rules 1 - allow rdp 2 - deny all traffic

Network ACLs (1/1) Info

Filter network ACLs

<input checked="" type="checkbox"/>	Name	Network ACL ID	Associated with	Default	VPC ID
<input checked="" type="checkbox"/>	web-NACL	acl-016d66da1e583c7e7	3 Subnets	Yes	vpc-08154b71895cf56c5

acl-016d66da1e583c7e7 / web-NACL

Details Inbound rules Outbound rules Subnet associations Tags

Inbound rules (3)

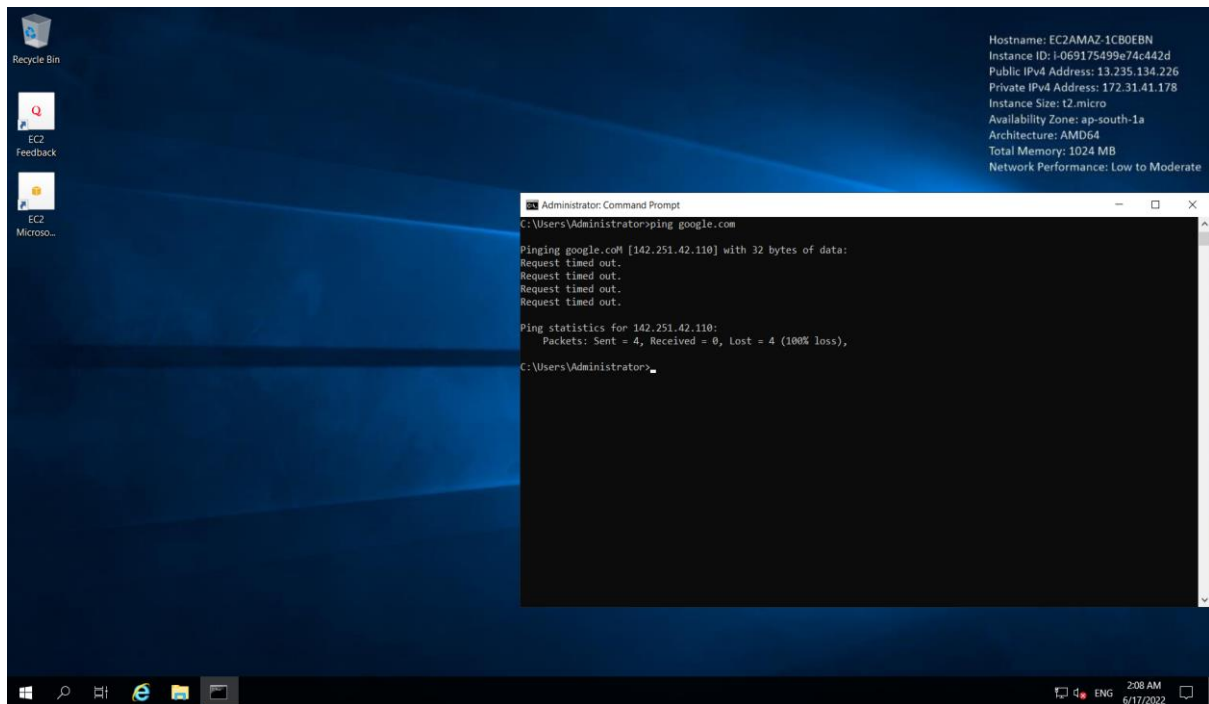
Filter inbound rules

Rule number	Type	Protocol	Port range	Source	Allow/Deny
10	RDP (3389)	TCP (6)	3389	0.0.0.0/0	Allow
100	All traffic	All	All	0.0.0.0/0	Deny
*	All traffic	All	All	0.0.0.0/0	Deny

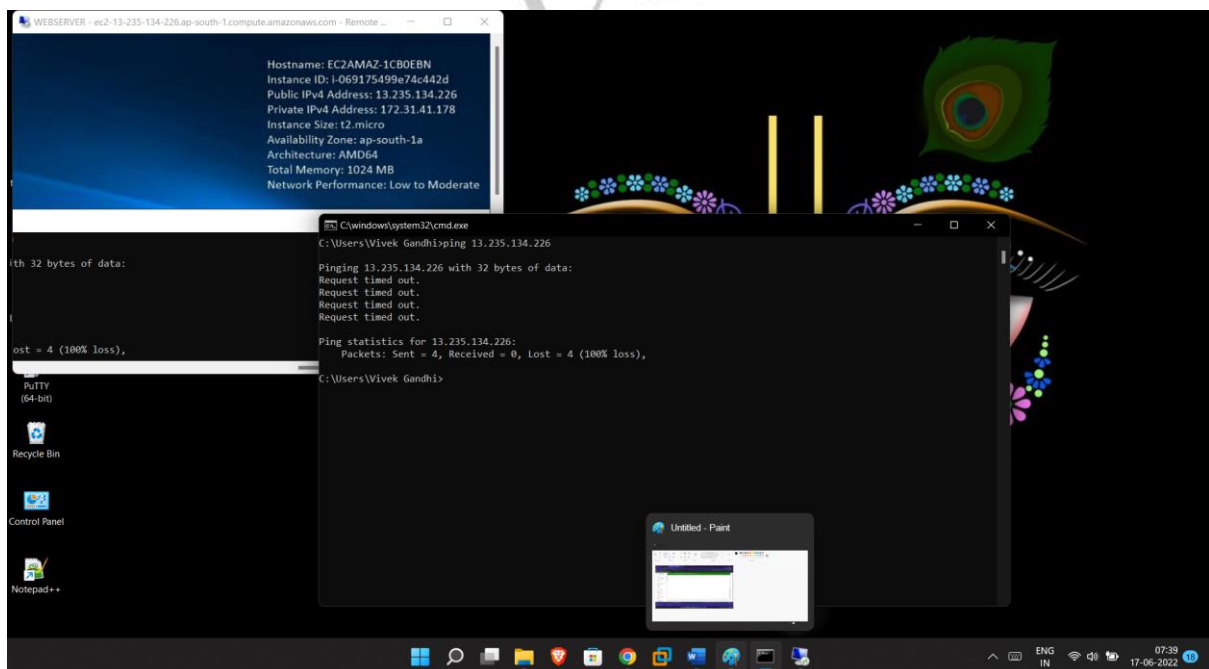
## Task Performs

**Now see whether you are able to ping to windows instance from your system or not or connect RDP**

**ONLY CONNECT RDP BECAUSE BOTH INBOUND SIDE ONLY ENTRY RDP OR ALL TRAFFICE DENY (PING TO INSTANCE AND GOOGLE)**



### **BLOCK PING LOCAL SYSTEM TO WINDOWS INSTANCE**



**IF INBOUND RULE: - ALL TRAFFIC ALLOW & OUTBOUND ROULE: - ICMP IVP4 ALLOW**

**RESULT: - ONLY PING ALLOW LOCAL SYSTEM TO WINDOW INSTANCE BLOCK RDP & OTHER SERVICES**

## Task Performs

### Check Implicit Router table default entry

#### By default, route table entry

Route tables (1/1) [Info](#) [Refresh](#) [Actions](#) [Create route table](#)

[<](#) 1 [>](#) [Settings](#)

<input checked="" type="checkbox"/>	Name	Route table ID	Explicit subnet associat...	Edge associations	Main	VPC	Over
<input checked="" type="checkbox"/>	web-rt	rtb-07f1ac77132fa1332	-	-	Yes	vpc-08154b71895cf56c5	65

[Details](#) [Routes](#) [Subnet associations](#) [Edge associations](#) [Route propagation](#) [Tags](#)

**Routes (2)** [Edit routes](#)

[Both](#) [<](#) 1 [>](#) [Settings](#)

Destination	Target	Status	Propagated
172.31.0.0/16	local	Active	No
0.0.0.0/0	igw-06351a716aebc54a2	Active	No

#### Try to ping local system to windows instance

```
C:\Users\Vivek Gandhi>ping 13.235.134.226

Pinging 13.235.134.226 with 32 bytes of data:
Reply from 13.235.134.226: bytes=32 time=9ms TTL=114
Reply from 13.235.134.226: bytes=32 time=8ms TTL=114
Reply from 13.235.134.226: bytes=32 time=9ms TTL=114
Reply from 13.235.134.226: bytes=32 time=8ms TTL=114

Ping statistics for 13.235.134.226:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 8ms, Maximum = 9ms, Average = 8ms
```

#### If remove IGW entry to route table than check local system to ping windows instance

Route tables (1/1) [Info](#) [Refresh](#) [Actions](#) [Create route table](#)

[<](#) 1 [>](#) [Settings](#)

<input checked="" type="checkbox"/>	Name	Route table ID	Explicit subnet associat...	Edge associations	Main	VPC	Over
<input checked="" type="checkbox"/>	web-rt	rtb-07f1ac77132fa1332	-	-	Yes	vpc-08154b71895cf56c5	65

[Details](#) [Routes](#) [Subnet associations](#) [Edge associations](#) [Route propagation](#) [Tags](#)

rtb-07f1ac77132fa1332 / web-rt

**Routes (1)** [Edit routes](#)

[Both](#) [<](#) 1 [>](#) [Settings](#)

Destination	Target	Status	Propagated
172.31.0.0/16	local	Active	No



## Task Performs

**After remove IGW entry check ping local system to window instance**

```
C:\windows\system32\cmd.exe
C:\Users\Vivek Gandhi>ping 13.235.134.226

Pinging 13.235.134.226 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 13.235.134.226:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\Users\Vivek Gandhi>
```

Three type of Security in AWS account:

1. Implicit route table in VPC ends
2. NACL in AZ level
3. Security Group in Instance level



# Task Performs

## 3.If reboot instance check private or public IP was change or not

### Default private IP & public IP

Instances (1/1) Info

Search

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4
WEBSERVER	i-069175499e74c442d	Running	t2.micro	2/2 checks passed	No alarms	ap-south-1a	ec2-13-235-

Instance: i-069175499e74c442d (WEBSERVER)

Details Security Networking Storage Status checks Monitoring Tags

Instance summary Info

Instance ID  
i-069175499e74c442d (WEBSERVER)

Public IPv4 address  
13.235.134.226 | [open address](#)

Private IPv4 addresses  
172.31.41.178

### REBOOT instance

Instances (1/1) Info

Search

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4
WEBSERVER	i-069175499e74c442d	Running	t2.micro	2/2 checks passed	No alarms	ap-south-1a	ec2-13-235-

Actions

- Stop instance
- Start instance
- Reboot instance
- Hibernate instance
- Terminate instance

### After reboot system not change both ip

Successfully rebooted i-069175499e74c442d

Instances (1/1) Info

Search

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4
WEBSERVER	i-069175499e74c442d	Running	t2.micro	2/2 checks passed	No alarms	ap-south-1a	ec2-13-235-

Instance: i-069175499e74c442d (WEBSERVER)

Details Security Networking Storage Status checks Monitoring Tags

Instance summary Info

Instance ID  
i-069175499e74c442d (WEBSERVER)

Public IPv4 address  
13.235.134.226 | [open address](#)

Private IPv4 addresses  
172.31.41.178

# Task Performs

## 4.If stop instance check private or public IP was change or not

### Default private IP & public IP

Instances (1/1) Info

Search

<input checked="" type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv
<input checked="" type="checkbox"/>	WEBSERVER	i-069175499e74c442d	Running	t2.micro	2/2 checks passed	No alarms	ap-south-1a	ec2-13-23

Instance: i-069175499e74c442d (WEBSERVER)

Details	Security	Networking	Storage	Status checks	Monitoring	Tags
▼ Instance summary Info						
Instance ID i-069175499e74c442d (WEBSERVER)		Public IPv4 address 13.235.134.226   open address		Private IPv4 addresses 172.31.41.178		
IPv6 address		Instance state		Public IPv4 DNS		
-		Running		-		
Hostname type		Private IP DNS name (IPv4 only)				

### Stop instance

Successfully stopped i-069175499e74c442d

Instances (1/1) Info

Search

<input checked="" type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4
<input checked="" type="checkbox"/>	WEBSERVER	i-069175499e74c442d	Stopped	t2.micro	2/2 checks passed	No alarms	ap-south-1a	-

Instance: i-069175499e74c442d (WEBSERVER)

Details	Security	Networking	Storage	Status checks	Monitoring	Tags
▼ Instance summary Info						
Instance ID i-069175499e74c442d (WEBSERVER)		Public IPv4 address -		Private IPv4 addresses 172.31.41.178		
IPv6 address -		Instance state Stopped		Public IPv4 DNS -		
Hostname type		Private IP DNS name (IPv4 only)				

### After stop to start system change public IP and not change Private ip

Successfully started i-069175499e74c442d

Instances (1/1) Info

Search

<input checked="" type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4
<input checked="" type="checkbox"/>	WEBSERVER	i-069175499e74c442d	Running	t2.micro	2/2 checks passed	No alarms	ap-south-1a	ec2-13-234

Instance: i-069175499e74c442d (WEBSERVER)

Details	Security	Networking	Storage	Status checks	Monitoring	Tags
▼ Instance summary Info						
Instance ID i-069175499e74c442d (WEBSERVER)		Public IPv4 address 13.234.48.251   open address		Private IPv4 addresses 172.31.41.178		
IPv6 address -		Instance state Running		Public IPv4 DNS ec2-13-234-48-251.ap-south-		
Hostname type		Private IP DNS name (IPv4 only)				

## Task Performs

### 5.Used Elastic Ip or assign instance than if stop or start EC2 not change Public IP (Public IP convert to Elastic IP)

#### Create EC2 and check public IP

The screenshot shows the AWS Management Console for an EC2 instance named 'web-ser1' with ID 'i-0d0ddfdab60c422ed'. The instance is in a 'Running' state. A Notepad window is open, displaying 'elastic ip vs public ip' and 'public ip = 13.126.216.62'. The instance details page shows the 'Public IPv4 address' as '13.126.216.62' and the 'Public IPv4 DNS' as '13.126.216.62'. The 'Private IPv4 addresses' are listed as '192.168.2.12' and '192.168.2.12'.

#### IF stop instance Public IP change?

The screenshot shows the AWS Management Console for the same EC2 instance. The 'Instance state' dropdown menu is open, and the 'Stop instance' option is selected. The instance details page shows the 'Public IPv4 address' as '13.126.216.62' and the 'Public IPv4 DNS' as '13.126.216.62'.

#### Start instance

The screenshot shows the AWS Management Console for the same EC2 instance. The 'Instance state' dropdown menu is open, and the 'Start instance' option is selected. The instance details page shows the 'Public IPv4 address' as '13.126.216.62' and the 'Public IPv4 DNS' as '13.126.216.62'.

#### Yes, see change Public IP

The screenshot shows the AWS Management Console for the same EC2 instance. The instance is now in a 'Running' state. The 'Public IPv4 address' has changed to '13.233.197.61' and the 'Public IPv4 DNS' has changed to '13.233.197.61'. The 'Private IPv4 addresses' are listed as '192.168.2.12' and '192.168.2.12'.

## Task Performs

See both are different

The screenshot shows the AWS Management Console 'Instances' page. An instance named 'web-ser1' with ID 'i-0d0ddfab60c422ed' is in a 'Running' state. A Notepad window is open, showing a comparison: 'elastic ip vs public ip'. It lists 'public ip = 13.126.216.62' and '13.233.197.61'. The console shows the instance's public IPv4 address as 13.233.197.61. Below the instance details, the 'Public IPv4 address' is shown as 13.233.197.61 and the 'Private IPv4 address' as 192.168.2.12.

So, create Elastic IP

The screenshot shows the 'Elastic IP addresses' page. The 'Allocate Elastic IP address' button is highlighted. Below the table, it says 'No Elastic IP addresses found in this Region'.

Click by defaults

The screenshot shows the 'Elastic IP address settings' page. Under 'Public IPv4 address pool', the option 'Amazon's pool of IPv4 addresses' is selected. Below this, there are options for 'Public IPv4 address that you bring to your AWS account' and 'Customer owned pool of IPv4 addresses', both of which are disabled. The 'Global static IP addresses' section is also visible.

Successfully create

The screenshot shows the 'Elastic IP addresses' page. A table lists the created Elastic IP address. The 'Public IPv4 address' is 13.233.217.156. The 'Allocation ID' is eipalloc-08624dc1a049c771a.

Name	Allocated IPv4 address	Type	Allocation ID	Associated instance ID	Private IP address	Association ID
-	13.233.217.156	Public IP	eipalloc-08624dc1a049c771a	-	-	-

Click to associate Elastic IP

The screenshot shows the 'Elastic IP addresses' page. The 'Associate Elastic IP address' button is highlighted. The table shows the Elastic IP address with the 'Associate Elastic IP address' button next to it.

## Task Performs

Click to instance and select instance

**Elastic IP address: 13.233.217.156**

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

☒ Instance  
☐ Network interface

**Instance**  
i-Od0ddfdab60c422ed

**Private IP address**  
The private IP address with which to associate the Elastic IP address.  
Choose a private IP address

**Reassociation**  
Specify whether the Elastic IP address can be reassociated with a different resource if it already associated with a resource.  
☐ Allow this Elastic IP address to be reassociated

Cancel Associate

Check assign Elastic IP successfully

Instances table:

Name	Instance ID	Instance state	Public IPv4 address
web-ser1	i-Od0ddfdab60c422ed	Running	13.233.217.156

Instance: i-Od0ddfdab60c422ed (web-ser1)

Details tab:

Instance summary info

Instance ID: i-Od0ddfdab60c422ed (web-ser1)

Instance state: Running

Public IPv4 address: 13.233.217.156 | open address

Private IPv4 addresses: 192.168.2.12

Private IPv4 DNS: ip-192-168-2-12.ap-south-1.compute.internal

IF stop instance then see result

Stop instance

Instances (1/1) info

Filter instances

Instance state: running

Instances table:

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4	Elastic IP
web-ser1	i-Od0ddfdab60c422ed	Running	t2.micro	2/2 checks ...	No alarms	ap-south-1a	13.233.217.156	13.233.217.156

Instance: i-Od0ddfdab60c422ed (web-ser1)

Details tab:

Instance summary info

Instance ID: i-Od0ddfdab60c422ed (web-ser1)

Public IPv4 address: 13.233.217.156 | open address

Private IPv4 addresses: 192.168.2.12

## Task Performs

### Check status stopped but not going Public IP

The screenshot shows the AWS Management Console 'Instances' page. The instance 'web-ser1' (ID: i-0d0ddfdab60c422ed) is in a 'Stopped' state. The 'Public IPv4 address' is listed as 13.233.217.156. The instance is of type 't2.micro' and is located in the 'ap-south-1a' availability zone.

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS	Public IPv4 ...
web-ser1	i-0d0ddfdab60c422ed	Stopped	t2.micro	-	No alarms +	ap-south-1a	-	13.233.217.156

Instance: i-0d0ddfdab60c422ed (web-ser1)

Public IPv4 address: 13.233.217.156 | open address

Private IPv4 addresses: 192.168.2.12

### START INSTANCE

The screenshot shows the 'Actions' dropdown menu for the instance 'web-ser1'. The 'Start instance' option is highlighted. Other options include 'Stop instance', 'Reboot instance', 'Hibernate instance', and 'Terminate instance'.

### See not change Public

The screenshot shows the instance 'web-ser1' in a 'Running' state. A Notepad window is open, displaying the public IP address 13.233.217.156. The instance's public IP address is also shown as 13.233.217.156 in the console.

elastic ip = 13.233.217.156

public ip = 13.126.216.62  
13.233.197.61

elastic ip = 13.233.217.156

### Check how to delete Elastic IP

### FIRST disassociated Elastic IP

The screenshot shows the 'Elastic IP addresses' page. The Elastic IP address 13.233.217.156 is associated with the instance i-0d0ddfdab60c422ed. The 'Disassociate Elastic IP address' button is highlighted in the 'Actions' dropdown menu.

Name	Allocated IPv4 add...	Type	Allocation ID	Associated instance ID
-	13.233.217.156	Public IP	eipalloc-08624dc1a049c771a	i-0d0ddfdab60c422ed

### Then Release Elastic IP

The screenshot shows the 'Elastic IP addresses' page. The Elastic IP address 13.233.217.156 is associated with the instance i-0d0ddfdab60c422ed. The 'Release Elastic IP address' button is highlighted in the 'Actions' dropdown menu.

Name	Allocated IPv4 add...	Type	Allocation ID	Associated instance ID
-	13.233.217.156	Public IP	eipalloc-08624dc1a049c771a	-

## Task Performs

6.If ec2 launch time untick Delete on Termination storage box then terminate EC2 but not detach automatic delete storage volume space

### Create EC2 and Untick Delete on Termination Storage option

#### Step 4: Add Storage

Your instance will be launched with the following storage device settings. You can attach additional EBS volumes and instance store volumes to your instance, or edit the settings of the root volume. You can also attach additional EBS volumes after launching an instance, but not instance store volumes. [Learn more](#) about storage options in Amazon EC2.

Volume Type	Device	Snapshot	Size (GiB)	Volume Type	IOPS	Throughput (MB/s)	Delete on Termination	Encryption
Root	/dev/sda1	snap-0c1c50e686393227a	30	General Purpose SSD (gp2)	100 / 3000	N/A	<input type="checkbox"/>	Not Encrypted

Add New Volume

### Then terminate EC2

Instances (1/2) Info

Search

	Name	Instance ID	Instance state	Instance type	Status
<input type="checkbox"/>	WEBSERVER	i-069175499e74c442d	Terminated	t2.micro	-
<input checked="" type="checkbox"/>	STORAGE	i-05f1124d90a932f91	Running	t2.micro	

Connect

Instance state

Stop instance

Start instance

Reboot instance

Hibernate instance

Terminate instance

Actions

Launch instances

< 1 >

	Status	Availability Zone	Public IPv4 D
<input type="checkbox"/>	+	ap-south-1a	-
<input checked="" type="checkbox"/>	+	ap-south-1a	ec2-13-126-56

### Check error can't delete storage automatic

**Terminate instance?**

On an EBS-backed instance, the default action is for the root EBS volume to be deleted when the instance is terminated. Storage on any local drives will be lost.

Are you sure you want to terminate these instances?  
i-05f1124d90a932f91 (STORAGE)

**Clean up associated resources**  
Associated resources may incur costs after these instances are terminated.

**Delete EBS volumes**  
EBS volumes which do not have "Delete on Termination" set to true will persist after this instance is terminated. These volumes may incur an EBS cost per [Amazon EC2 pricing](#).  
To delete volumes associated with this instance, go to the [Volumes screen](#).  
The following volumes are not set to delete on termination: vol-0b1a564507f3fe1d2

To confirm that you want to terminate the instances, choose the terminate button

Cancel Terminate

After EC2 instance terminated not remove storage Automatic than go to volume tab and select volume and delete manually

Volumes (1/1)								Actions	Create volume
Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot	Created	Modify volume	Create snapshot
-	vol-0b1a564507f3fe1d2	gp2	30 GiB	100	-	snap-0c1c50e686393227a	-	Create snapshot lifecycle policy	Delete volume

### Remove storage volume successfully

Successfully deleted volume vol-0b1a564507f3fe1d2.

**Volumes**

Filter volumes

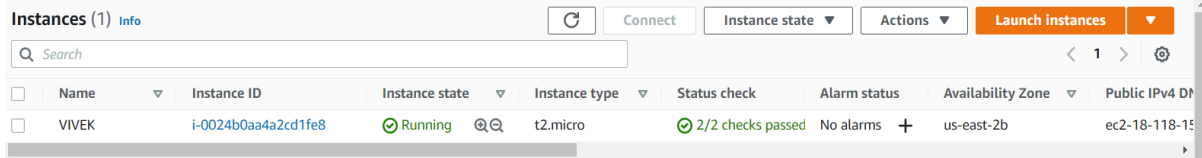
You currently have no volumes in this region



# Task Performs

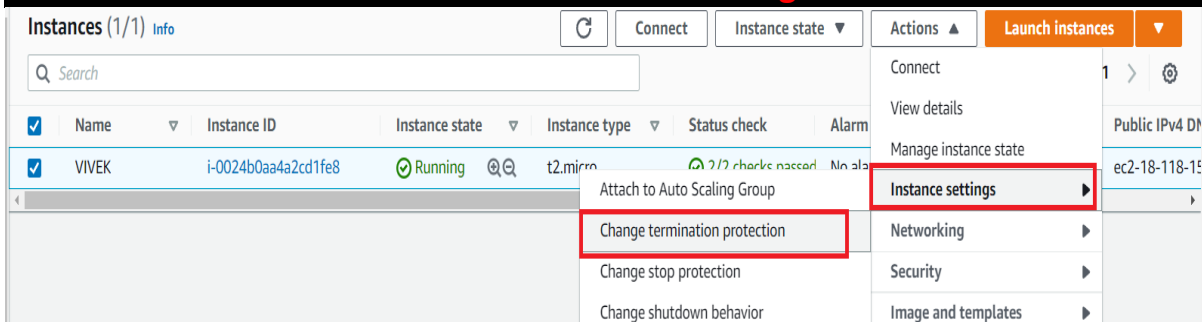
## 7. IF Delete Termination mode on how to terminate EC2?

### Create EC2

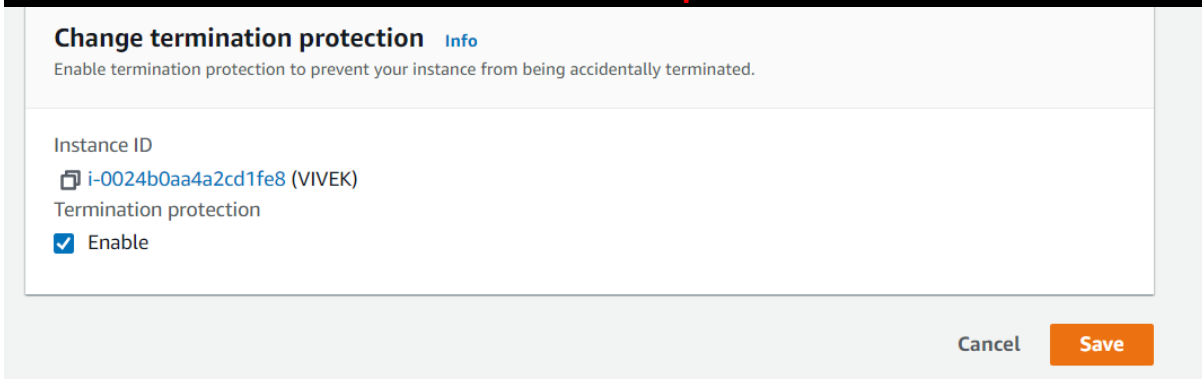


### How to Enable delete on Termination mode?

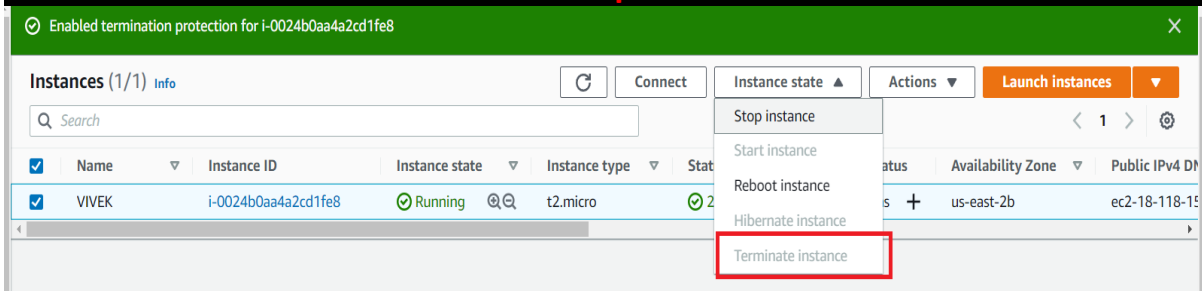
### Click to EC2 and select action → change termination



### Check enable option



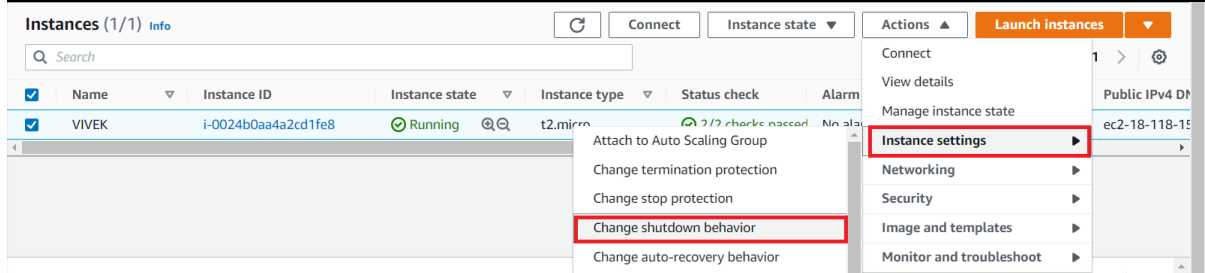
### See not able to option terminate



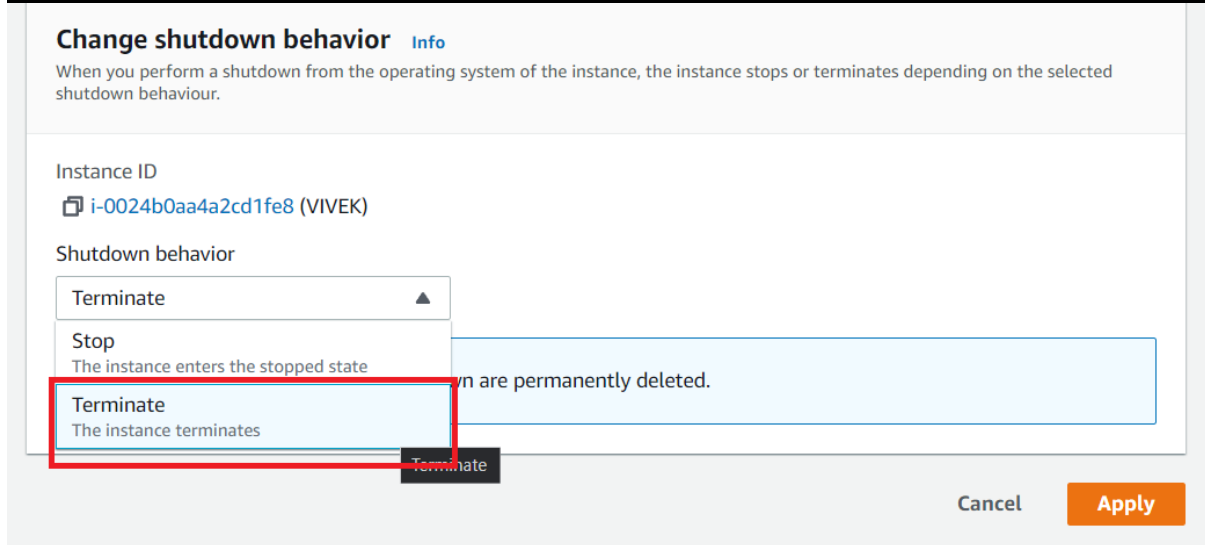
### So how can I terminate EC2?

## Task Performs

### Change shutdown behaviour

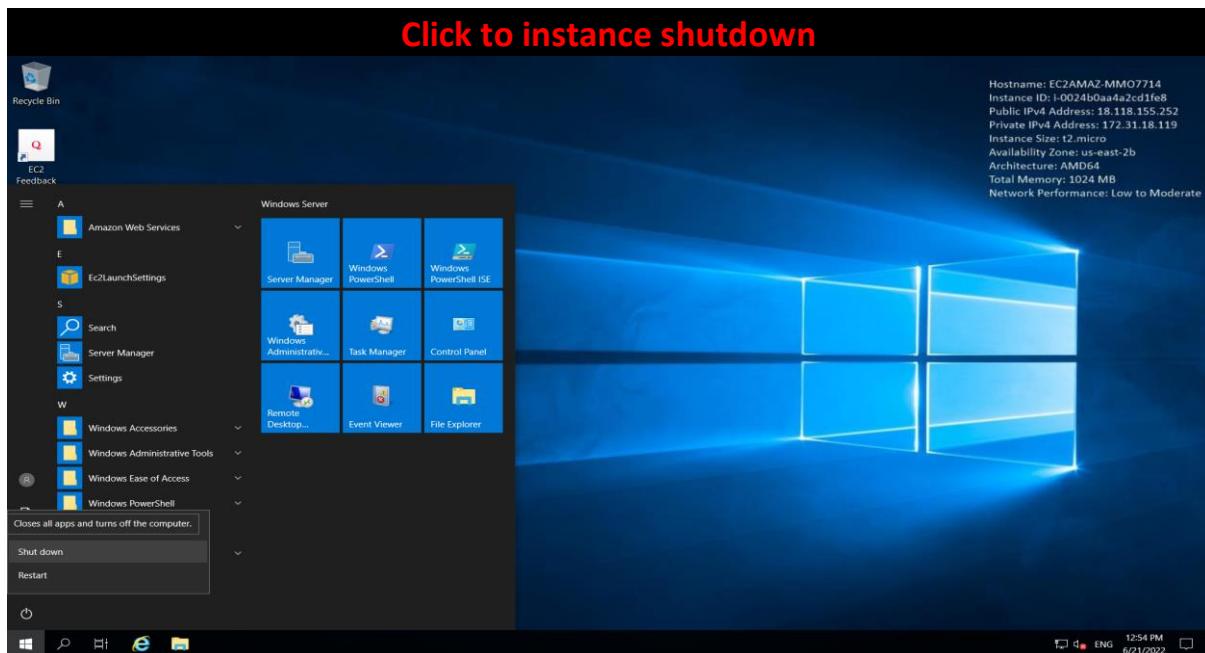


### Click to terminate option



After terminate option select then open instance inside if shutdown system automatic terminates check its work or not?

### Click to instance shutdown



## Task Performs

### Automatic terminate

**Instances (1/1)** [Info](#) Refresh Connect Instance state ▼ Actions ▼ Launch instances ▼

<input checked="" type="checkbox"/>	Name ▼	Instance ID ▼	Instance state ▼	Instance type ▼	Status check	Alarm status	Availability Zone ▼	Public IPv4 D
<input checked="" type="checkbox"/>	VIVEK	i-0024b0aa4a2cd1fe8	Terminated	t2.micro	-	No alarms +	us-east-2b	-

**Instance: i-0024b0aa4a2cd1fe8 (VIVEK)** Refresh ×

**Details** | Security | Networking | Storage | Status checks | Monitoring | Tags

▼ Instance summary [Info](#)

Instance ID	Public IPv4 address	Private IPv4 addresses
i-0024b0aa4a2cd1fe8 (VIVEK)	-	-
IPv6 address	Instance state	Public IPv4 DNS
-	Terminated	-

### Remove Volume

**Volumes** Refresh Actions ▼ Create volume

<input type="checkbox"/>	Name ▼	Volume ID ▼	Type ▼	Size ▼	IOPS ▼	Throughput ▼	Snapshot ▼	Created ▼	Av
You currently have no volumes in this region									