

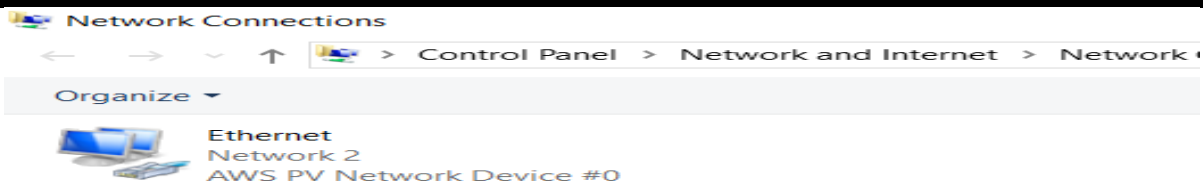
ENI (Elastic Network Interface)

If I create another network Card in the Instance and stop and start the instance, will I get the public Ip or not?

Create EC2 instance

| Instances (1) Info | | | | | | | | |
|-------------------------------------|------------|---------------------|----------------|---------------|-------------------|--------------|-------------------|---------------|
| <input type="text" value="Search"/> | | | | | | | | |
| <input type="checkbox"/> | Name | Instance ID | Instance state | Instance type | Status check | Alarm status | Availability Zone | Public IPv4 D |
| <input type="checkbox"/> | NIC SERVER | i-05d397f55e28837ef | Running | t2.micro | 2/2 checks passed | No alarms | us-east-2b | ec2-3-135-227 |

Check NETWORK interface in instance



Open Network interface and create new NIC

| Network interfaces (1) Info | | | | | | |
|-------------------------------------|------|-----------------------|--------------------------|-----------------------|-------------------|-----------------|
| <input type="text" value="Search"/> | | | | | | |
| <input type="checkbox"/> | Name | Network interface ID | Subnet ID | VPC ID | Availability Zone | Security groups |
| <input type="checkbox"/> | - | eni-0ce906c4229de0409 | subnet-039d04a563f0ce14c | vpc-0c930c8f6492bbf6c | us-east-2b | launch-wizard-2 |

INSERT NAME

Details Info

Description - optional

A descriptive name for the network interface.

Select same subnet

Subnet

The subnet in which to create the network interface.

Select IP type

Private IPv4 address

The private IPv4 address to assign to the network interface.

☒ Auto-assign

☐ Custom

ENI (Elastic Network Interface)

Select SG (SG assign always network interface)

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

< 1 >

| <input type="checkbox"/> | Group ID | Group name | Description |
|-------------------------------------|----------------------|-----------------|---------------------------------|
| <input checked="" type="checkbox"/> | sg-04f0eb22bc4794cf5 | launch-wizard-2 | launch-wizard-2 created 2022... |
| <input type="checkbox"/> | sg-Of23f5d6233025ab0 | default | default VPC security group |

Create Network Interface

Successfully create but status is only available

Successfully created network interface [View network interface](#)

Network interfaces (1/2) [Info](#)

[Actions](#)

< 1 >

| | Net... | Subn... | VPC ID | Avail... | Secu... | Inter... | Description | Instance ID | Status | Pl |
|--|------------|------------|------------|------------|------------|--------------|-------------|---------------------|-----------|----|
| | eni-0ce... | subnet-... | vpc-0c9... | us-east-2b | launch-... | Elastic n... | - | i-05d397f55e28837ef | In-use | 3. |
| | eni-0a1... | subnet-... | vpc-0c9... | us-east-2b | launch-... | Elastic n... | EXTRA-NIC | - | Available | - |

Attach nic select

Successfully created network interface [View network interface](#)

Network interfaces (1/2) [Info](#)

[Actions](#)

| | Net... | Subn... | VPC ID | Avail... | Secu... | Inter... | Description | Instan |
|--|------------|------------|------------|------------|------------|--------------|-------------|--------|
| | eni-0ce... | subnet-... | vpc-0c9... | us-east-2b | launch-... | Elastic n... | - | i-05d3 |
| | eni-0a1... | subnet-... | vpc-0c9... | us-east-2b | launch-... | Elastic n... | EXTRA-NIC | - |

Select instance and attach

Attach network interface

Network interface
eni-0a1c71cbb08e10906

Instance

ENI (Elastic Network Interface)

Check status in-use

Network interfaces (1/2) Info

Search


| Net... | Subn... | VPC ID | Avail... | Secu... | Inter... | Description | Instance ID | Status | Pub |
|------------|-----------|------------|------------|-----------|--------------|-------------|---------------------|--------|------|
| eni-Ore... | subnet... | vpc-0c9... | us-east-2b | launch... | Elastic n... | - | i-05d397f55e28837ef | In-use | 3... |
| eni-Oa1... | subnet... | vpc-0c9... | us-east-2b | launch... | Elastic n... | EXTRA-NIC | i-05d397f55e28837ef | In-use | - |


Check instance in-side

Network Connections

Control Panel > Network and Internet > Network Connections

Organize

 Ethernet Network 2
AWS PV Network Device #0

 Ethernet 3 Network 2
AWS PV Network Device #1

Check public IP show or not

Instances (1/1) Info

Search

| Name | Instance ID | Instance state | Instance type | Status check | Alarm status | Availability Zone |
|------------|---------------------|----------------|---------------|-------------------|--------------|-------------------|
| NIC SERVER | i-05d397f55e28837ef | Running | t2.micro | 2/2 checks passed | No alarms | us-east-2b |

Instance: i-05d397f55e28837ef (NIC SERVER)

Details Security Networking Storage Status checks Monitoring Tags

▼ Instance summary Info

| | | |
|---|---|---|
| Instance ID i-05d397f55e28837ef (NIC SERVER) | Public IPv4 address 3.135.227.116 open address | Private IPv4 addresses 172.31.28.52 172.31.17.197 |
|---|---|---|

Stop -start instance to check public assign or not?

Stop-start instance

Instances (1/1) Info

Search

| Name | Instance ID | Instance state | Instance type | Status | Availability Zone | Public IP |
|------------|---------------------|----------------|---------------|-------------------|-------------------|--------------|
| NIC SERVER | i-05d397f55e28837ef | Running | t2.micro | 2/2 checks passed | us-east-2b | ec2-3-135... |

Instance state: Stop instance, Start instance, Reboot instance, Hibernate instance

Instances (1/1) Info

Search

| Name | Instance ID | Instance state | Instance type | Status | Availability Zone | Public IP |
|------------|---------------------|----------------|---------------|--------|-------------------|-----------|
| NIC SERVER | i-05d397f55e28837ef | Stopped | t2.micro | - | us-east-2b | - |

Instance state: Stop instance, Start instance, Reboot instance, Hibernate instance

ENI (Elastic Network Interface)

See public IP not assign because AWS confuse to which NIC card apply
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 IPv4 D |
|-------------------------------------|------------|--------------------|----------------|---------------|--------------|--------------|-------------------|---------------|
| <input checked="" type="checkbox"/> | NIC SERVER | i-05d397f5e28837ef | Running | t2.micro | - | | us-east-2b | - |

Instance: i-05d397f5e28837ef (NIC SERVER)

Details Security Networking Storage Status checks Monitoring Tags

▼ Instance summary Info

| | | |
|--|---------------------------------|---|
| Instance ID i-05d397f5e28837ef (NIC SERVER) | Public IPv4 address - | Private IPv4 addresses 172.31.28.52 172.31.17.197 |
| IPv6 address - | Instance state Running | Public IPv4 DNS - |
| Hostname type | Private IP DNS name (IPv4 only) | |

Terminate Instance check extra NIC card auto remove or not?

Instances (1/1) Info

Search

| <input checked="" type="checkbox"/> | Name | Instance ID | Instance state | Instance type | Status | Alarm status | Availability Zone | Public IPv4 D |
|-------------------------------------|------------|--------------------|----------------|---------------|--------|--------------|-------------------|---------------|
| <input checked="" type="checkbox"/> | NIC SERVER | i-05d397f5e28837ef | Running | t2.micro | | | us-east-2b | - |

Actions

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

See not remove status is available

Network interfaces (1/1) Info

Search

| <input checked="" type="checkbox"/> | Name | Net... | Subn... | VPC ID | Avail... | Secu... | Inter... | Description | Instance ID | Status |
|-------------------------------------|------|------------|------------|------------|------------|------------|--------------|-------------|-------------|-----------|
| <input checked="" type="checkbox"/> | - | eni-0a1... | subnet-... | vpc-0c9... | us-east-2b | launch-... | Elastic n... | EXTRA-NIC | - | Available |