

MINGW64:/c/Users/ASUS

```
ASUS@LAPTOP-Q9QDRNKO MINGW64 ~
$ msieexec.exe /i https://awscli.amazonaws.com/AWSCLIV2.msi

ASUS@LAPTOP-Q9QDRNKO MINGW64 ~
$ msieexec.exe /i https://awscli.amazonaws.com/AWSCLIV2.msi /qn

ASUS@LAPTOP-Q9QDRNKO MINGW64 ~
$ aws --version
aws-cli/2.13.11 Python/3.11.4 Windows/10 exe/AMD64 prompt/off

ASUS@LAPTOP-Q9QDRNKO MINGW64 ~
$
```

C:\> `msiexec.exe /i https://awscli.amazonaws.com/AWSCLILinux-x86_64.msi`

For various parameters that can be used with `msiexec`, see [msiexec](#) on the *Microsoft Docs* website. For example, you can use the `/qn` flag for a silent installation.

2. To confirm the installation, open the **Start** menu, search for `cmd` to open a command prompt window, and at the command prompt use the `aws --version` command.

C:\> `aws --version`

aws-cli/2.10.0 Python/3.11.2 Windows/10 exe/AMD64 prompt/1.0.1

Create access key | IAM | Global Install or update the latest version of t | +

us-east-1.console.aws.amazon.com/iam/home#/security_credentials/access-key-wizard

aws Services Search [Alt+S]

Subham Pradhan ▾

Access key created
This is the only time that the secret access key can be viewed or downloaded. You cannot recover it later. However, you can create a new access key any time.

IAM > Security credentials > Create access key

Step 1
[Alternatives to root user access keys](#)

Step 2
[Retrieve access key](#)

Retrieve access key Info

Access key
If you lose or forget your secret access key, you cannot retrieve it. Instead, create a new access key and make the old key inactive.

Access key	Secret access key
AKIA3MSOCD7CIROPU24T	***** Show

Access key best practices

- Never store your access key in plain text, in a code repository, or in code.
- Disable or delete access key when no longer needed.
- Enable least-privilege permissions.
- Rotate access keys regularly.

For more details about managing access keys, see the [best practices for managing AWS access keys](#).

[Download .csv file](#) [Done](#)

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```
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$ msieexec.exe /i https://awscli.amazonaws.com/AWSCLIV2.msi

ASUS@LAPTOP-Q9QDRNKO MINGW64 ~
$ msieexec.exe /i https://awscli.amazonaws.com/AWSCLIV2.msi /qn

ASUS@LAPTOP-Q9QDRNKO MINGW64 ~
$ aws --version
aws-cli/2.13.11 Python/3.11.4 Windows/10 exe/AMD64 prompt/off

ASUS@LAPTOP-Q9QDRNKO MINGW64 ~
$ sud su
bash: sud: command not found

ASUS@LAPTOP-Q9QDRNKO MINGW64 ~
$ sudo su
bash: sudo: command not found

ASUS@LAPTOP-Q9QDRNKO MINGW64 ~
$ aws configure
AWS Access Key ID [*****PNPX]: AKIA3MSOCD7CIROPU24T
AWS Secret Access Key [*****Az2e]: 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
Default region name [us-east-1]: us-east-1
Default output format [json]: json

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$
```

Create access key | IAM | [Install or update the latest version](#)

us-east-1.console....

aws Services Global Subham Pradhan

Access key created

This is the only time that the secret access key can be viewed or downloaded. You cannot recover it later. However, you can create a new access key any time.

Step 2 of 2

Retrieve access key [Info](#)

Access key

If you lose or forget your secret access key, you cannot retrieve it. Instead, create a new access key and make the old key inactive.

Access key	Secret access key
AKIA3MSOCD7CIROPU24T	***** Show

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```
$ aws ec2 describe-vpcs
{
    "vpcs": [
        {
            "CidrBlock": "172.31.0.0/16",
            "DhcpOptionsId": "dopt-0e0c582a7461c88c7",
            "State": "available",
            "VpcId": "vpc-03fd161f6a986005",
            "OwnerId": "782921506756",
            "InstanceTenancy": "default",
            "CidrBlockAssociationSet": [
                {
                    "AssociationId": "vpc-cidr-assoc-0bdf01d5df9dc56bd",
                    "CidrBlock": "172.31.0.0/16",
                    "CidrBlockState": {
                        "State": "associated"
                    }
                }
            ],
            "IsDefault": true
        }
    ]
}
```

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MINGW64:/c/Users/ASUS

}

ASUS@LAPTOP-Q9QDRNKO MINGW64 ~

```
$ aws ec2 create-vpc --cidr-block 10.0.0.0/16
```

{

```
  "vpc": {  
    "CidrBlock": "10.0.0.0/16",  
    "DhcpoptionsId": "dopt-0e0c582a7461c88c7",  
    "State": "pending",  
    "VpcId": "vpc-0071afd889f3e00bb",  
    "OwnerId": "782921506756",  
    "InstanceTenancy": "default",  
    "Ipv6CidrBlockAssociationSet": [],  
    "CidrBlockAssociationSet": [  
      {  
        "AssociationId": "vpc-cidr-assoc-0402d593829021f85",  
        "CidrBlock": "10.0.0.0/16",  
        "CidrBlockState": {  
          "State": "associated"  
        }  
      }  
    ],  
    "IsDefault": false  
  }
```

}

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Security credentials | IAM | Global vpcs | VPC Console create-vpc — AWS CLI 2.13.33 Comma | New Tab

us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#vpcs:search=vpc... VPN

VPC dashboard EC2 Global View Filter by VPC: Select a VPC Virtual private cloud Your VPCs Subnets Route tables Internet gateways Egress-only internet gateways Carrier gateways DHCP option sets Elastic IPs Managed prefix lists Endpoints Endpoint services NAT gateways Peering connections Security Network ACLs Security groups

Services Search [Alt+S] Actions Create VPC

Your VPCs (1/1) Info

Search

vpc-0071afd889f3e00bb Clear filters

<input checked="" type="checkbox"/>	Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR	DHCP option set
<input checked="" type="checkbox"/>	-	vpc-0071afd889f3e00bb	Available	10.0.0.0/16	-	dopt-0e0c582a7c

vpc-0071afd889f3e00bb

Details Resource map New CIDRs Flow logs Tags Integrations

Details

VPC ID vpc-0071afd889f3e00bb	State Available	DNS hostnames Disabled	DNS resolution Enabled
Tenancy Default	DHCP option set dopt-0e0c582a7461c88c7	Main route table rtb-012c94942a2cd5df2	Main network ACL acl-088710aeb17c71053

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```
$ aws ec2 create-subnet --vpc-id vpc-0071af889f3e00bb --cidr-block 10.0.1.0/24
```

```
{  
    "Subnet": {  
        "AvailabilityZone": "us-east-1d",  
        "AvailabilityZoneId": "use1-az1",  
        "AvailableIpAddressCount": 251,  
        "CidrBlock": "10.0.1.0/24",  
        "DefaultForAz": false,  
        "MapPublicIpOnLaunch": false,  
        "State": "available",  
        "SubnetId": "subnet-01beee8047f91e8e6",  
        "VpcId": "vpc-0071af889f3e00bb",  
        "OwnerId": "782921506756",  
        "AssignIpv6AddressOnCreation": false,  
        "Ipv6CidrBlockAssociationSet": [],  
        "SubnetArn": "arn:aws:ec2:us-east-1:782921506756:subnet/subnet-01beee8047f91e8e6",  
        "EnableDns64": false,  
        "Ipv6Native": false,  
        "PrivateDnsNameOptionsOnLaunch": {  
            "HostnameType": "ip-name",  
            "EnableResourceNameDnsARecord": false,  
            "EnableResourceNameDnsAAAARecord": false  
        }  
    }  
}
```



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```
$ aws ec2 create-subnet --vpc-id vpc-0071afd889f3e00bb --cidr-block 10.0.2.0/24
```

```
{  
    "Subnet": {  
        "AvailabilityZone": "us-east-1d",  
        "AvailabilityZoneId": "use1-az1",  
        "AvailableIpAddressCount": 251,  
        "CidrBlock": "10.0.2.0/24",  
        "DefaultForAz": false,  
        "MapPublicIpOnLaunch": false,  
        "State": "available",  
        "SubnetId": "subnet-0666d518539b7f14d",  
        "VpcId": "vpc-0071afd889f3e00bb",  
        "OwnerId": "782921506756",  
        "AssignIpv6AddressOnCreation": false,  
        "Ipv6CidrBlockAssociationSet": [],  
        "SubnetArn": "arn:aws:ec2:us-east-1:782921506756:subnet/subnet-0666d518539b7f14d",  
        "EnableDns64": false,  
        "Ipv6Native": false,  
        "PrivateDnsNameOptionsOnLaunch": {  
            "HostnameType": "ip-name",  
            "EnableResourceNameDnsARecord": false,  
            "EnableResourceNameDnsAAAARecord": false  
        }  
    }  
}
```



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Security credentials | IAM | Global subnets | VPC Console create-subnet — AWS CLI 2.1.30 Com| New Tab

us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#subnets:

VPC dashboard EC2 Global View Services Search [Alt+S] Actions ▾ Create subnet

Subnets (1/2) Info

Find resources by attribute or tag

Name	Subnet ID	State	VPC	IPv4 CIDR	IPv6 CIDR
Private-subnet	subnet-0666d518539b7f14d	Available	vpc-0071afd889f3e00bb VPC...	10.0.2.0/24	-
Public-subnet	subnet-01beee8047f91e8e6	Available	vpc-0071afd889f3e00bb VPC...	10.0.1.0/24	-

Virtual private cloud

Your VPCs

Subnets

Route tables

Internet gateways

Egress-only internet gateways

Carrier gateways

DHCP option sets

Elastic IPs

Managed prefix lists

Endpoints

Endpoint services

NAT gateways

Peering connections

Security

Network ACLs

Security groups

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Subnet details for subnet-0666d518539b7f14d / Private-subnet

Details Flow logs Route table Network ACL CIDR reservations Sharing Tags

Details

Subnet ID	subnet-0666d518539b7f14d	Subnet ARN	arn:aws:ec2:us-east-1:782921506756:subnet/subnet-0666d518539b7f14d	State	Available	IPv4 CIDR	10.0.2.0/24
Available IPv4 addresses	251	IPv6 CIDR		Availability Zone	us-east-1d	Availability Zone ID	use1-az1

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```
"EnableResourceNameDnsARecord": false,  
"EnableResourceNameDnsAAAARecord": false
```

```
}
```

```
}
```

```
}
```

ASUS@LAPTOP-Q9QDRNKO MINGW64 ~

```
$ aws ec2 create-internet-gateway
```

```
{
```

```
    "InternetGateway": {
```

```
        "Attachments": [],
```

```
        "InternetGatewayId": "igw-0d91f8bc293e7f545",
```

```
        "OwnerId": "782921506756",
```

```
        "Tags": []
```

```
}
```

```
}
```

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```
$ |
```



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Security credentials | IAM | Global igws | VPC Console create-subnet — AWS CLI 2.1.30 Com| New Tab

us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#igws:

Search [Alt+S]

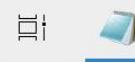
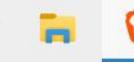
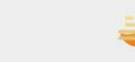
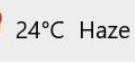
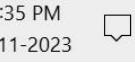
Internet gateways (1) [Info](#)

C Actions ▾ Create

Search

<input type="checkbox"/>	Name	Internet gateway ID	State	VPC ID	⋮	O
<input type="checkbox"/>	-	igw-0d91f8bc293e7f545	Detached	-	78	⋮

Select an internet gateway above

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```
$ aws ec2 attach-internet-gateway --internet-gateway-id igw-0d91f8bc293e7f545  
--vpc-id vpc-0071afd889f3e00bb
```



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Security credentials | IAM | Global igws | VPC Console create-subnet — AWS CLI 2.1.30 Com| New Tab

us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#igws:

Search [Alt+S]

Internet gateways (1) [Info](#)

C Actions ▾ Create internet gateway

Name	Internet gateway ID	State	VPC ID	Owner
-	igw-0d91f8bc293e7f545	Attached	vpc-0071afd889f3e00bb VPC-CLI	782921506756

Select an internet gateway above

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MINGW64:/c/Users/ASUS

```
ASUS@LAPTOP-Q9QDRNKO MINGW64 ~
$ aws ec2 create-route-table --vpc-id vpc-0071afd889f3e00bb
{
    "RouteTable": {
        "Associations": [],
        "PropagatingVgws": [],
        "RouteTableId": "rtb-01e3c88442efb54b0",
        "Routes": [
            {
                "DestinationCidrBlock": "10.0.0.0/16",
                "GatewayId": "local",
                "Origin": "CreateRouteTable",
                "State": "active"
            }
        ],
        "Tags": [],
        "VpcId": "vpc-0071afd889f3e00bb",
        "OwnerId": "782921506756"
    }
}
```

```
ASUS@LAPTOP-Q9QDRNKO MINGW64 ~
```



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Security credentials | IAM | Global RouteTables | VPC Console create-subnet — AWS CLI 2.1.30 Com... +

us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#RouteTables:v=3... Q L A1 A1 VPN

aws Services Search [Alt+S]

VPC dashboard EC2 Global View Filter by VPC: Select a VPC

Virtual private cloud Your VPCs Subnets Route tables Internet gateways Egress-only internet gateways Carrier gateways DHCP option sets Elastic IPs Managed prefix lists Endpoints Endpoint services NAT gateways Peering connections

Security Network ACLs Security groups

Route tables (1/2) Info

Find resources by attribute or tag

VPC = vpc-0071af889f3e00bb Clear filters

Name	Route table ID	Explicit subnet associations	Edge associations	Main	VPC
-	rtb-01e3c88442efb54b0	-	-	No	vpc-0071af889f3e00bb VPC-...
<input checked="" type="checkbox"/> -	rtb-012c94942a2cd5df2	-	-	Yes	vpc-0071af889f3e00bb VPC-...

Actions Create route table

Details

Route table ID rtb-012c94942a2cd5df2	Main <input type="checkbox"/> Yes	Explicit subnet associations -	Edge associations -
VPC vpc-0071af889f3e00bb VPC-CLI	Owner ID 782921506756		

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```
ASUS@LAPTOP-Q9QDRNKO MINGW64 ~
$ aws ec2 create-route --route-table-id rtb-01e3c88442efb54b0 --destination-ci
dr-block 0.0.0.0/0 --gateway-id igw-0d91f8bc293e7f545
{
    "Return": true
}
```

```
ASUS@LAPTOP-Q9QDRNKO MINGW64 ~
$
```



MINGW64:/c/Users/ASUS



ASUS@LAPTOP-Q9QDRNKO MINGW64 ~

```
$ aws ec2 associate-route-table --route-table-id rtb-01e3c88442efb54b0 --subnet-id subnet-0666d518539b7f14d
```

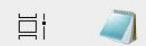
```
{  
    "AssociationId": "rtbassoc-0a98ceff8870b450a",  
    "AssociationState": {  
        "State": "associated"  
    }  
}
```

ASUS@LAPTOP-Q9QDRNKO MINGW64 ~

```
$
```



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Security credentials | IAM | Global RouteTables | VPC Console associate-route-table — AWS CLI 2.13

us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#RouteTables:v=3...

Route tables (1/2) [Info](#)

Find resources by attribute or tag

VPC = vpc-0071af889f3e00bb [X](#) [Clear filters](#)

[Actions](#) [Create route table](#)

Name	Route table ID	Explicit subnet associations	Edge associations	Main	VPC
-	rtb-01e3c88442efb54b0	subnet-0666d518539b7f...	-	No	vpc-0071af889f3e00bb VPC
-	rtb-012c94942a2cd5df2	-	-	Yes	vpc-0071af889f3e00bb VPC

rtb-01e3c88442efb54b0

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

Routes (2)

Filter routes

Both [Edit routes](#)

Destination	Target	Status	Propagated
0.0.0.0/0	igw-0d91f8bc293e7f545	Active	No
10.0.0.0/16	local	Active	No

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Security credentials | IAM | Global RouteTables | VPC Console associate-route-table — AWS CLI 2.13

us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#RouteTables:v=3...

Route tables (1/2) Actions Create route table

VPC = vpc-0071afd889f3e00bb Clear filters

Name	Route table ID	Explicit subnet associati...	Edge associations	Main	VPC
-	rtb-01e3c88442efb54b0	subnet-0666d518539b7f...	-	No	vpc-0071afd889f3e00bb VPC
-	rtb-012c94942a2cd5df2	-	-	Yes	vpc-0071afd889f3e00bb VPC

rtb-01e3c88442efb54b0

Details Routes Subnet associations Edge associations Route propagation Tags

Subnet associations (1)

Edit subnet associations

Name	Subnet ID	IPv4 CIDR	IPv6 CIDR
Private-subnet	subnet-0666d518539b7f14d	10.0.2.0/24	-

Subnets without explicit associations (1)

Edit subnet associations

The following subnets have not been explicitly associated with any route tables and are therefore associated with the main route table:

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ASUS@LAPTOP-Q9QDRNKO MINGW64 ~

```
$ aws ec2 run-instances --image-id ami-05c13eab67c5d8861 --count 1 --instance-type t2.micro --key-name test-key --security-group-ids sg-092ea1680fcc387a7 --subnet-id subnet-0666d518539b7f14d
{
    "Groups": [],
    "Instances": [
        {
            "AmiLaunchIndex": 0,
            "ImageId": "ami-05c13eab67c5d8861",
            "InstanceId": "i-063f929e7b5f830bb",
            "InstanceType": "t2.micro",
            "KeyName": "test-key",
            "LaunchTime": "2023-11-10T14:41:18+00:00",
            "Monitoring": {
                "State": "disabled"
            },
            "Placement": {
                "AvailabilityZone": "us-east-1d",
                "GroupName": "",
                "Tenancy": "default"
            },
            "PrivateDnsName": "ip-10-0-2-137.ec2.internal",
            "PrivateIpAddress": "10.0.2.137",
            "ProductCodes": [],
            "PublicDnsName": ""
        }
    ]
}
```



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User groups | IAM | Global | vpcs | VPC Console | Instances | EC2 | us-east-1 | run-instances — AWS CLI 2.13.33 Com | + |

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:

Instances (1) Info [Alt+S]

Find Instance by attribute or tag (case-sensitive)

<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability zone
<input type="checkbox"/>		i-063f929e7b5f830bb	Running	t2.micro	Initializing	No alarms	us-east-1

Select an instance



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```
        "HttpEndpoint": "enabled",
        "HttpProtocolIpv6": "disabled",
        "InstanceMetadataTags": "disabled"
    },
    "EnclaveOptions": {
        "Enabled": false
    },
    "BootMode": "uefi-preferred",
    "PrivateDnsNameOptions": {
        "HostnameType": "ip-name",
        "EnableResourceNameDnsARecord": false,
        "EnableResourceNameDnsAAAARecord": false
    },
    "MaintenanceOptions": {
        "AutoRecovery": "default"
    },
    "CurrentInstanceBootMode": "legacy-bios"
}
],
"OwnerId": "782921506756",
"ReservationId": "r-0c44966dd6b77c837"
}
```

ASUS@LAPTOP-Q9QDRNKO MINGW64 ~

```
$ aws ec2 create-tags --resources i-063f929e7b5f830bb --tags Key=Name,Value=EC2fromCLI
```

ASUS@LAPTOP-Q9QDRNKO MINGW64 ~

```
$
```



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User groups | IAM | Global | vpcs | VPC Console | Instances | EC2 | us-east-1 | run-instances — AWS CLI 2.13.33 Com | + | Search [Alt+S]

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:

Instances (1/1) [Info](#)

[Name](#) [Edit](#) ▾ | [Instance ID](#) | [Instance state](#) ▾ | [Instance type](#) ▾ | [Status check](#) | [Alarm status](#) |

<input checked="" type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status
<input checked="" type="checkbox"/>	EC2fromCLI	i-063f929e7b5f830bb	Running + ?	t2.micro	2/2 checks passed	No alarms +

Instance: i-063f929e7b5f830bb (EC2fromCLI)

▼ Instance summary [Info](#)

Instance ID	i-063f929e7b5f830bb (EC2fromCLI)	Public IPv4 address	Private IPv4 address:
IPv6 address	-	-	10.0.2.137
		Instance state	Public IPv4 DNS
		Running	-

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MINGW64:/c/Users/ASUS



```
ASUS@LAPTOP-Q9QDRNKO MINGW64 ~
$ aws ec2 describe-instances --filters "Name=instance-type,values=t2.micro" --query Reservations[].
Instances[].InstanceId
```

```
[ "i-063f929e7b5f830bb"
]
```

```
ASUS@LAPTOP-Q9QDRNKO MINGW64 ~
$ aws ec2 describe-instances --filters "Name=image-id,values=ami-05c13eab67c5d8861" --query Reserva
tions[].Instances[].InstanceId
```

```
[ "i-063f929e7b5f830bb"
]
```

```
ASUS@LAPTOP-Q9QDRNKO MINGW64 ~
$ aws ec2 describe-instances --filters "Name>tag:Name,Values=EC2fromCLI"
> aws ec2 describe-instances --filters "Name>tag:Name,Values=EC2fromCLI"
>
```



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\$

```
ASUS@LAPTOP-Q9QDRNKO MINGW64 ~
$ aws ec2 describe-instances --filters "Name=tag:Name,Values=EC2fromCLI"
{
    "Reservations": [
        {
            "Groups": [],
            "Instances": [
                {
                    "AmiLaunchIndex": 0,
                    "ImageId": "ami-05c13eab67c5d8861",
                    "InstanceId": "i-063f929e7b5f830bb",
                    "InstanceType": "t2.micro",
                    "KeyName": "test-key",
                    "LaunchTime": "2023-11-10T14:41:18+00:00",
                    "Monitoring": {
                        "State": "disabled"
                    },
                    "Placement": {
                        "AvailabilityZone": "us-east-1d",
                        "GroupName": "",
                        "Tenancy": "default"
                    },
                    "PrivateDnsName": "ip-10-0-2-137.ec2.internal",
                    "PrivateIpAddress": "10.0.2.137",
                    "ProductCodes": [],
                    "PublicDnsName": ""
                }
            ]
        }
    ]
}
```



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MINGW64:/c/Users/ASUS

```
ASUS@LAPTOP-Q9QDRNKO MINGW64 ~
$ aws ec2 stop-instances --instance-ids i-063f929e7b5f830bb
{
    "StoppingInstances": [
        {
            "CurrentState": {
                "Code": 64,
                "Name": "stopping"
            },
            "InstanceId": "i-063f929e7b5f830bb",
            "PreviousState": {
                "Code": 16,
                "Name": "running"
            }
        }
    ]
}
```

```
ASUS@LAPTOP-Q9QDRNKO MINGW64 ~
$
```



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User groups | IAM | Global | vpcs | VPC Console | Instances | EC2 | us-east-1 | run-instances — AWS CLI 2.13.33 Com | +

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:

Instances (1/1) Info [Alt+S]

Find Instance by attribute or tag (case-sensitive)

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public
EC2fromCLI	i-063f929e7b5f830bb	Stopped	t2.micro	-	No alarms	us-east-1d	-

Instance: i-063f929e7b5f830bb (EC2fromCLI)

Instance summary Info

Instance ID

i-063f929e7b5f830bb (EC2fromCLI)

IPv6 address

-

Hostname type

IP name: ip-10-0-2-137.ec2.internal

Answer private resource DNS name

Public IPv4 address

-

Instance state

Stopped

Private IP DNS name (IPv4 only)

ip-10-0-2-137.ec2.internal

Instance type

Private IPv4 addresses

10.0.2.137

Public IPv4 DNS

-

Elastic IP addresses



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MINGW64:/c/Users/ASUS

```
        "PreviousState": {
            "Code": 16,
            "Name": "running"
        }
    }
}
```

ASUS@LAPTOP-Q9QDRNKO MINGW64 ~

```
$ aws ec2 start-instances --instance-ids i-063f929e7b5f830bb
```

```
{
    "StartingInstances": [
        {
            "currentState": {
                "Code": 0,
                "Name": "pending"
            },
            "InstanceId": "i-063f929e7b5f830bb",
            "PreviousState": {
                "Code": 80,
                "Name": "stopped"
            }
        }
    ]
}
```

ASUS@LAPTOP-Q9QDRNKO MINGW64 ~

```
$
```



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User groups | IAM | Global | vpcs | VPC Console | Instances | EC2 | us-east-1 | run-instances — AWS CLI 2.13.33 Com | +

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:

Instances (1/1) Info [Alt+S]

Find Instance by attribute or tag (case-sensitive)

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public
EC2fromCLI	i-063f929e7b5f830bb	Running	t2.micro	Initializing	No alarms	us-east-1d	-

Instance: i-063f929e7b5f830bb (EC2fromCLI)

Instance summary Info

Instance ID

i-063f929e7b5f830bb (EC2fromCLI)

IPv6 address

-

Hostname type

IP name: ip-10-0-2-137.ec2.internal

Answer private resource DNS name

Public IPv4 address

-

Instance state

Running

Private IP DNS name (IPv4 only)

ip-10-0-2-137.ec2.internal

Instance type

Private IPv4 addresses

10.0.2.137

Public IPv4 DNS

-

Elastic IP addresses



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MINGW64:/c/Users/ASUS

```
        "Code": 80,
        "Name": "stopped"
    }
]
}
```

ASUS@LAPTOP-Q9QDRNKO MINGW64 ~

```
$ aws ec2 terminate-instances --instance-ids i-063f929e7b5f830bb
```

```
{
    "TerminatingInstances": [
        {
            "CurrentState": {
                "Code": 32,
                "Name": "shutting-down"
            },
            "InstanceId": "i-063f929e7b5f830bb",
            "PreviousState": {
                "Code": 16,
                "Name": "running"
            }
        }
    ]
}
```

ASUS@LAPTOP-Q9QDRNKO MINGW64 ~

```
$
```



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User groups | IAM | Global | vpcs | VPC Console | Instances | EC2 | us-east-1 | run-instances — AWS CLI 2.13.33 Com | + | ▾ | - | ☰ | X

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:instanceState... | Q | L | 🦸 | 🦹 | 🦺 | VPN | ☰ | 4

aws Services Search [Alt+S]

Instances (1/1) Info

Find Instance by attribute or tag (case-sensitive)

Instance state = terminated

Name <input type="button" value="Edit"/>	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
<input checked="" type="checkbox"/> EC2fromCLI	i-063f929e7b5f830bb	<input type="button" value="Terminated"/> <input type="button" value=""/>	t2.micro	-	No alarms <input type="button" value="+"/>	us-east-1d

Instance: i-063f929e7b5f830bb (EC2fromCLI)

▼ Instance summary Info

Instance ID	Public IPv4 address	Private IPv4 addresses
<input type="checkbox"/> i-063f929e7b5f830bb (EC2fromCLI)	-	-
IPv6 address	Instance state	Public IPv4 DNS
-	<input type="button" value="Terminated"/>	-
Hostname type	Instance type	Elastic IP addresses
-	t2.micro	-
Answer private resource DNS name		

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MINGW64:/c/Users/ASUS

```
ASUS@LAPTOP-Q9QDRNKO MINGW64 ~
$ aws ec2 delete-subnet --subnet-id subnet-0666d518539b7f14d
```

```
ASUS@LAPTOP-Q9QDRNKO MINGW64 ~
$ aws ec2 delete-subnet --subnet-id subnet-01beee8047f91e8e6
```

```
ASUS@LAPTOP-Q9QDRNKO MINGW64 ~
$
```



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MINGW64:/c/Users/ASUS



ASUS@LAPTOP-Q9QDRNKO MINGW64 ~

```
$ aws ec2 detach-internet-gateway --internet-gateway-id igw-0d91f8bc293e7f545 --vp  
c-id vpc-0071afd889f3e00bb
```

ASUS@LAPTOP-Q9QDRNKO MINGW64 ~

```
$ |
```



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MINGW64:/c/Users/ASUS



ASUS@LAPTOP-Q9QDRNKO MINGW64 ~

```
$ aws ec2 detach-internet-gateway --internet-gateway-id igw-0d91f8bc293e7f545 --vp  
c-id vpc-0071afd889f3e00bb
```

ASUS@LAPTOP-Q9QDRNKO MINGW64 ~

```
$ aws ec2 delete-internet-gateway --internet-gateway-id igw-0d91f8bc293e7f545
```

ASUS@LAPTOP-Q9QDRNKO MINGW64 ~

```
$
```



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User groups | IAM | Global igws | VPC Console Instances | EC2 | us-east-1 detach-internet-gateway — AWS CLI 2

us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#igws:sort=tag:Name

Search [Alt+S]

Internet gateways Info

No internet gateways found in this Region

Select an internet gateway above

Type here to search

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MINGW64:/c/Users/ASUS

\$

ASUS@LAPTOP-Q9QDRNKO MINGW64 ~

```
$ aws ec2 delete-route-table --route-table-id rtb-01e3c88442efb54b0
```

ASUS@LAPTOP-Q9QDRNKO MINGW64 ~

```
$ aws ec2 delete-vpc --vpc-id vpc-0071afd889f3e00bb
```

ASUS@LAPTOP-Q9QDRNKO MINGW64 ~

\$



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User groups | IAM | Global vpcs | VPC Console Instances | EC2 | us-east-1 delete-vpc — AWS CLI 2.1.29 Command

us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#vpcs:

Services Search [Alt+S]

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VPCs

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tables

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option sets

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Your VPCs Info

Search Clear filters

vpc-0071af889f3e00bb X

Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR	DHCP option set
No matching resource found					

Select a VPC above

Type here to search         

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