

IAM

EC2

New EC2 Experience

Tell us what you think

EC2 Dashboard

EC2 Global View

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Instances

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Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

Instances (1/4) Info

Connect

Instance state

Actions

Launch instances

Find instance by attribute or tag (case-sensitive)

< 1 > ⚙

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Av
<input checked="" type="checkbox"/>	-	<a href="#">i-0d7417ed47b3058cf</a>	<div>Running</div>	t3.micro	<div>2/2 checks passed</div>	No alarms	+ eu
<input type="checkbox"/>	Windows	<a href="#">i-0068d119f16a6ed9a</a>	<div>Running</div>	t3.micro	<div>2/2 checks passed</div>	No alarms	+ eu
<input type="checkbox"/>	Linux	<a href="#">i-0fcd7203ebd6f8722</a>	<div>Running</div>	t3.micro	<div>2/2 checks passed</div>	No alarms	+ eu
<input type="checkbox"/>	-	<a href="#">i-0d6fb09beed0ba4fe</a>	<div>Running</div>	t3.mlcro	<div>2/2 checks passed</div>	No alarms	+ eu

Instance: i-0d7417ed47b3058cf

Instance ID

i-0d7417ed47b3058cf

IPv6 address

-

Public IPv4 address

16.16.24.101 | [open address](#)

Instance state

Running

Private IPv4 addresses

Public IPv4 DNS copied

ec2-16-16-24-101.eu-north-1.compute.amazonaws.com | [open address](#)

CloudShell

Feedback

Language

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Cookie preference

**This Amazon EC2 instance is located in Availability Zone: eu-north-1a**

**This Amazon EC2 instance is located in Availability Zone: eu-north-1b**



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<input type="checkbox"/>	Windows	i-0068d119f16a6ed9a	<div><div></div>Running</div>	t3.micro	<div><div></div>2/2 checks passed</div>	No alarms	eu-i
<input checked="" type="checkbox"/>	Linux	i-0fcd7203ebd6f8722	<div><div></div>Running</div>	t3.micro	<div><div></div>2/2 checks passed</div>	No alarms	eu-i
<input type="checkbox"/>	-	i-0d6fb09beed0ba4fe	<div><div></div>Running</div>	t3.micro	<div><div></div>2/2 checks passed</div>	No alarms	eu-i

Instance: i-0fcd7203ebd6f8722 (Linux)

Security groups

sg-0356f0a5bb9b2ee62 (launch-wizard-4)

Inbound rules

Filter rules

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CloudShell

Feedback

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## ▼ Instances

Owner

 120200897507

Inbound rules count

3 Permission entries

Outbound rules count

1 Permission entry

Inbound rules

Outbound rules

Tags

 You can now check network connectivity with Reachability Analyzer

Run Reachability Analyzer



## Inbound rules (3)



Manage tags

Edit inbound rules

 Filter security group rules< 1 > 

<input type="checkbox"/>	Name ▾	Security group rule... ▾	IP version ▾	Type ▾	Protocol ▾
<input type="checkbox"/>	–	sgr-02306dd890aa98...	IPv4	SSH	TCP



Inbound rules control the incoming traffic that's allowed to reach the instance.

Inbound rules Info

Security group rule ID	Type Info	Protocol Info	Port range Info	Source Info	Description - optional Info	
sgr-02306dd890aa98142	SSH ▼	TCP	22	Anywh... ▼ <div>0.0.0.0/0 ✕</div>		Delete
sgr-0a1494617835a2a96	HTTP ▼	TCP	80	Anywh... ▼ <div>0.0.0.0/0 ✕</div>		Delete

Add rule

User data - *optional* [Info](#)

Upload a file with your user data or enter it in the field.

Choose file

```
#!/bin/bash
/bin/echo "Hello World" > /tmp/testfile.txt
yum update -y
yum install -y httpd
systemctl start httpd
systemctl enable httpd
EC2AZ=$(TOKEN=`curl -X PUT "http://169.254.169.254/latest/api/token" -H
"X-aws-ec2-metadata-token-ttl-seconds: 21600" ` && curl -H "X-aws-ec2-
metadata-token: $TOKEN" -v http://169.254.169.254/latest/meta-
data/placement/availability-zone)
echo '<center><h1>This Amazon EC2 instance is located in Availability Zone:
AZID </h1></center>' > /var/www/html/index.txt
sed "s/AZID/$EC2AZ/" /var/www/html/index.txt >
/var/www/html/index.html
```

## ▼ Summary

Number of instances [Info](#)

## Software Image (AMI)

Amazon Linux 2023 AMI 2023.1.2...[read more](#)  
ami-080995eccd0180687

## Virtual server type (instance type)

t3.micro

## Firewall (security group)

launch-wizard-1

Cancel

Launch instance

[Review commands](#)





Success

Successfully initiated launch of instance (i-0ce5557af05a05881)

▶ Launch log

## Next Steps

🔍 What would you like to do next with this instance, for example "create alarm" or "create backup"

< 1 2 3 4 5 6 >

Create billing and free tier usage alerts

Connect to your instance

Once your instance is running

Connect an RDS database

Create EBS snapshot policy



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## Instances (1/5) Info



Connect

Instance state ▼

Actions ▲

Launch instances



<input type="checkbox"/>	Name ▼	Instance ID	Instance state ▼	Instance type
--------------------------	--------	-------------	------------------	---------------

<input type="checkbox"/>	Linux	i-0fcd7203ebd6f8722		
--------------------------	-------	---------------------	--	--

<input type="checkbox"/>	-	i-0d6fb09beed0ba4fe		
--------------------------	---	---------------------	--	--

<input checked="" type="checkbox"/>	Tuesday	i-0ce5557af05a05881		
-------------------------------------	---------	---------------------	--	--

## Instance: i-0ce5557af05a05881 (Tuesday)

Details

Security

Networking

Storage

## ▼ Instance summary Info

Instance ID

☐ i-0ce5557af05a05881 (Tuesday)

Change instance type

Change Nitro Enclaves

Change credit specification

Change resource based naming options

Modify instance placement

Modify Capacity Reservation settings

Edit user data

Allow tags in instance metadata

Manage tags

Modify instance metadata options

Connect

View details

Manage instance state

Instance settings ▶

Networking ▶

Security ▶

Image and templates ▶

Monitor and troubleshoot ▶

Private IPv4 addresses

☐ 172.31.36.242



i-0ce5557af05a05881 (Tuesday)

### Connection Type

- ☒ **Connect using EC2 Instance Connect**  
Connect using the EC2 Instance Connect browser-based client, with a public IPv4 address.

- ☐ **Connect using EC2 Instance Connect Endpoint**  
Connect using the EC2 Instance Connect browser-based client, with a private IPv4 address and a VPC endpoint.

### Public IP address

16.170.201.244

### User name

Enter the user name defined in the AMI used to launch the instance. If you didn't define a custom user name, use the default user name, ec2-user.

ec2-user

**Note:** In most cases, the default user name, ec2-user, is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI user name.

Cancel

Connect



```
[ec2-user@ip-172-31-36-242 ~]$ ls
[ec2-user@ip-172-31-36-242 ~]$ curl http://169.254.169.254/latest/meta-data/
ami-id
ami-launch-index
ami-manifest-path
block-device-mapping/
events/
hostname
identity-credentials/
instance-action
instance-id
instance-life-cycle
instance-type
local-hostname
local-ipv4
mac
managed-ssh-keys/
metrics/
```

i-0ce5557af05a05881 (Tuesday)

PublicIPs: 16.170.201.244 PrivateIPs: 172.31.36.242

```
[ec2-user@ip-172-31-36-242 ~]$ curl http://169.254.169.254/latest/meta-data/placement/availability-zone  
eu-north-1b[ec2-user@ip-172-31-36-242 ~]$
```

i-0ce5557af05a05881 (Tuesday)

PublicIPs: 16.170.201.244 PrivateIPs: 172.31.36.242





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✔ User data successfully modified

Instances (5) Info



Connect

Instance state ▼

Actions ▼

Launch Instances




&lt; 1 &gt; ⚙

<input type="checkbox"/>	Name ▼	Instance ID	Instance state ▼	Instance type ▼	Status check	Alarm status	Ava
<input type="checkbox"/>	-	i-0d7417ed47b3058cf	✔ Running 🔍🔍	t3.micro	✔ 2/2 checks passed	No alarms +	eu-i
<input type="checkbox"/>	Windows	i-0068d119f16a6ed9a	✔ Running 🔍🔍	t3.micro	✔ 2/2 checks passed	No alarms +	eu-i
<input type="checkbox"/>	Linux	i-0fcd7203ebd6f8722	✔ Running 🔍🔍	t3.micro	✔ 2/2 checks passed	No alarms +	eu-i
<input type="checkbox"/>	-	i-0d6fb09beed0ba4fe	✔ Running 🔍🔍	t3.micro	✔ 2/2 checks passed	No alarms +	eu-i

Select an instance ⚙ ✕

# Edit user data [Info](#)


Instance ID


 i-0ce5557af05a05881 (Tuesday)

## Current user data

User data currently associated with this instance

```
EC2AZ=$(TOKEN=`curl -X PUT "http://169.254.169.254/latest/api/token" -H "X-aws-ec2-metadata-token-ttl-seconds: 21600"` && curl -H "X-aws-ec2-metadata-token: $TOKEN" -v http://169.254.169.254/latest/meta-data/placement/availability-zone)
echo '<center><h1>Hellomegh---This Amazon EC2 instance is located in Availability Zone: AZID </h1></center>' > /var/www/html/index.txt
sed "s/AZID/$EC2AZ/" /var/www/html/index.txt > /var/www/html/index.html
```

 **Copy user data**

 To edit your instance's user data you first need to stop your instance.



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User data successfully modified

Instances (5) Info

Refresh

Connect

Instance state

Actions

Launch Instances

Find instance by attribute or tag (case-sensitive)

< 1 > ⚙

<input type="checkbox"/>	Name ▾	Instance ID	Instance state ▾	Instance type ▾	Status check	Alarm status	Ava
<input type="checkbox"/>	-	i-0d7417ed47b3058cf	Running 🔍	t3.micro	2/2 checks passed	No alarms +	eu-i
<input type="checkbox"/>	Windows	i-0068d119f16a6ed9a	Running 🔍	t3.micro	2/2 checks passed	No alarms +	eu-i
<input type="checkbox"/>	Linux	i-0fcd7203ebd6f8722	Running 🔍	t3.micro	2/2 checks passed	No alarms +	eu-i

Select an instance

⚙

✕



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Instances (1/5) Info

Refresh

Connect

Instance state ▼

Actions ▼

Launch instances

Find instance by attribute or tag (case-sensitive)

	Name ▼	Instance ID	Instance state ▼	Instance type ▼	Status check	Alarm status	Ava
<input type="checkbox"/>	-	i-0d7417ed47b3058cf	Running	t3.micro	2/2 checks passed	No alarms	eu-i
<input type="checkbox"/>	Windows	i-0068d119f16a6ed9a	Running	t3.micro	2/2 checks passed	No alarms	eu-i
<input type="checkbox"/>	Linux	i-0fcd7203ebd6f8722	Running	t3.micro	2/2 checks passed	No alarms	eu-i
<input type="checkbox"/>	-	i-0d6fb09beed0ba4fe	Running	t3.micro	2/2 checks passed	No alarms	eu-i
<input checked="" type="checkbox"/>	Tuesday	i-0ce5557af05a05881	Running	t3.micro	2/2 checks passed	No alarms	eu-i

Instance: i-0ce5557af05a05881 (Tuesday)

- Details
- Security
- Networking
- Storage
- Status checks
- Monitoring
- Tags

Instance summary Info

Instance ID	Public IPv4 address	Private IPv4 addresses
-------------	---------------------	------------------------