

Practical 1

Case study on Amazon EC2 and learn about Amazon EC2 web services.

i-096b4057ce7f56036 (Server 1)

Details | Status and alarms | Monitoring | Security | **Networking** | Storage | Tags

▼ Networking details [Info](#)

Public IPv4 address 3.89.90.235 open address	Private IPv4 addresses 172.31.95.81	VPC ID vpc-0ca155a8386c855f6
Public IPv4 DNS ec2-3-89-90-235.compute-1.amazonaws.com open address	Private IP DNS name (IPv4 only) ip-172-31-95-81.ec2.internal	
Subnet ID subnet-063f2e184951666c6	IPv6 addresses -	Secondary private IPv4 addresses -

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Instances | EC2 | us-east-1

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

Search [Alt+S]

United States (N. Virginia) | Amm2004

EC2 > Instances

EC2

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 - AMI Catalog
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 - Volumes
 - Snapshots
 - Lifecycle Manager

Instances (1/1) Info Last updated 2 minutes ago

Find Instance by attribute or tag (case-sensitive) All states

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IP
Server 1	i-096b4057ce7f56036	Running	t2.micro	2/2 checks passed	View alarms	us-east-1a	ec2-3-89-

i-096b4057ce7f56036 (Server 1)

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▼ Instance summary [Info](#)

Instance ID i-096b4057ce7f56036	Public IPv4 address 3.89.90.235 open address	Private IPv4 addresses 172.31.95.81
IPv6 address -	Instance state Running	Public IPv4 DNS ec2-3-89-90-235.compute-1.amazonaws.com open address

CloudShell Feedback

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```
Instances | EC2 | us-east-1 x EC2 Instance Connect | us-east-1 x +
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?addressFamily=ipv4&connType=standard&instanceId=i-096b4057ce7f56036&osUser=ubuntu&region=us-east-1&ss...
aws [Alt+S] United States (N. Virginia) Amm2004

Welcome to Ubuntu 24.04.2 LTS (GNU/Linux 6.8.0-1024-aws x86_64)

* Documentation:  https://help.ubuntu.com
* Management:    https://landscape.canonical.com
* Support:        https://ubuntu.com/pro

System information as of Tue Apr 15 10:55:14 UTC 2025

System load:  0.16          Processes:      104
Usage of /:   25.0% of 6.71GB Users logged in:  0
Memory usage: 21%          IPv4 address for enx0: 172.31.95.81
Swap usage:   0%

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

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```

```
Instances | EC2 | us-east-1 x EC2 Instance Connect | us-east-1 x +
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?addressFamily=ipv4&connType=standard&instanceId=i-096b4057ce7f56036&osUser=ubuntu&region=us-east-1&ss...
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ubuntu@ip-172-31-95-81:~$ python3
Python 3.12.3 (main, Feb 4 2025, 14:48:35) [GCC 13.3.0] on linux
Type "help", "copyright", "credits" or "license()" for more information.
>>> print("Hello World!")
Hello World!
>>>
```