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Roll No - 24

Create Linux EC2 Instance | t2 micro & do ssh connection to it.

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Instance type

t2.micro
Family: t2   1 vCPU   1 GiB Memory
On-Demand Linux pricing: 0.0116 USD per Hour
On-Demand Windows pricing: 0.0162 USD per H

Key pairs allow you to connect to your instance securely.

Enter the name of the key pair below. When prompted, store the private key in a secure and accessible location on your computer. **You will need it later to connect to your instance.** Learn more ⧉

Key pair name

Linux-1

The name can include upto 255 ASCII characters. It can't include leading or trailing spaces.

▼ **Key pair (login)** Info
You can use a key pair to securely connect to y
launch the instance.

Key pair type

◉ RSA
RSA encrypted private and public key pair

○ ED25519
ED25519 encrypted private and public key pair (Not supported for Windows instances)

Key pair name - required

Select

Private key file format

○ .pem
For use with OpenSSH

◉ .ppk
For use with PuTTY

▼ **Network settings**

Network
vpc-0fe242c56d1bb648d

Subnet
No preference (Default subnet in any availab

Auto-assign public IP

Cancel   **Create key pair**

---

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Subnet
No preference (Default subnet in any availability zone)

Auto-assign public IP
Enable

Firewall (security groups) Info
A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

| ◉ Create security group | ○ Select existing security group |

We'll create a new security group called '**launch-wizard-2**' with the following rules:

☑ Allow SSH traffic from | Anywhere ▾ |
Helps you connect to your instance | 0.0.0.0/0 |

☑ Allow HTTPs traffic from the internet
To set up an endpoint, for example when creating a web server

☑ Allow HTTP traffic from the internet
To set up an endpoint, for example when creating a web server

⚠ Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.   ✕

▼ **Summary**

Number of instances Info

1

Software Image (AMI)
Amazon Linux 2 Kernel 5.10 AMI...read more
ami-098e42ae54c764c35

Virtual server type (instance type)
t2.micro

Firewall (security group)
New security group

Storage (volumes)
1 volume(s) - 8 GiB

ⓘ Free tier in your first year includes   ✕

Cancel   **Launch instance**

New EC2 Experience
Tell us what you think

EC2 Dashboard
EC2 Global View
Events
Tags
Limits

▼ Instances
  Instances New
  Instance Types
  Launch Templates
  Spot Requests
  Savings Plans
  Reserved Instances New
  Dedicated Hosts
  Scheduled Instances
  Capacity Reservations

▼ Images

Instances (1/2) Info   Connect   Instance state ▾   Actions ▾   Launch instances ▾

Search

	Name				Status check	Alarm status	Availability
☐	Linux	i-0			–	No alarms ✛	us-west-2b
☑	Linux	i-0			–	No alarms ✛	us-west-2b

PuTTY Configuration   ?   ✕

Category:
Session
  Logging
Terminal
  Keyboard
  Bell
  Features
Window
  Appearance
  Behaviour
  Translation
  Selection
  Colours
Connection
  Data
  Proxy
  SSH
  Serial
  Telnet
  Rlogin
  SUPDUP

Basic options for your PuTTY session

Specify the destination you want to connect to
Host Name (or IP address)   Port
)-74-78.us-west-2.compute.amazonaws.com 22

Connection type:
● SSH   ○ Serial   ○ Other: Telnet

Load, save or delete a stored session
Saved Sessions

Default Settings   Load
                    Save
                    Delete

Close window on exit:
○ Always   ○ Never   ● Only on clean exit

About   Help   Open   Cancel

Instance: i-0cbc8c0fc3d2

Details   Security

▼ Instance summary Info

Instance ID
🗗 i-0cbc8c0fc3d23aaf6 (Linux)

IPv6 address
–

34.219.74.78 | open address ⬈

Instance state
⊘ Running

Tags

Private IPv4 addresses

⊘ Public IPv4 DNS copied

🗗 ec2-34-219-74-78.us-west-2.compute.amazonaws.com | open address ⬈

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  SUPDUP

Data to send to the server

Login details
Auto-login username   ec2-user
When username is not specified:
● Prompt   ○ Use system username (anike)

Terminal details
Terminal-type string   xterm
Terminal speeds   38400,38400

Environment variables
Variable   Add
Value   Remove

About   Help   Open   Cancel

Instance: i-0cbc8c0fc3d2

Details   Security

▼ Instance summary Info

Instance ID
🗗 i-0cbc8c0fc3d23aaf6 (Linux)

IPv6 address
–

34.219.74.78 | open address ⬈

Instance state
⊘ Running

Tags

Private IPv4 addresses

⊘ Public IPv4 DNS copied

🗗 ec2-34-219-74-78.us-west-2.compute.amazonaws.com | open address ⬈

```
Using username "ec2-user".
Authenticating with public key "Linux-1"

     __|  __|_  )
     _|  (     /   Amazon Linux 2 AMI
    ___|\___|___|

https://aws.amazon.com/amazon-linux-2/
5 package(s) needed for security, out of 14 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-16-94 ~]$
```