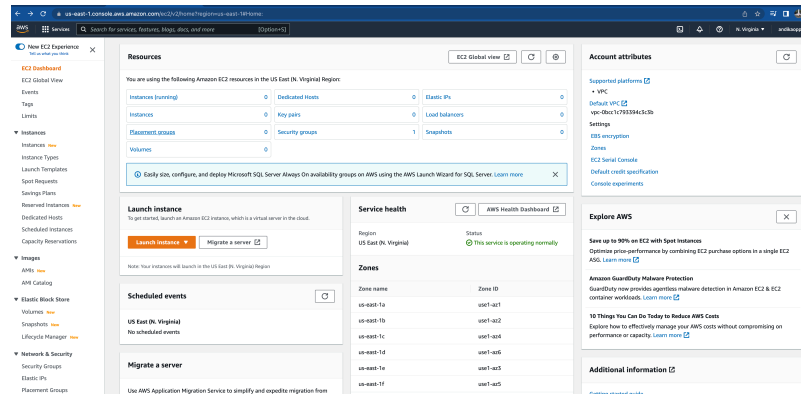
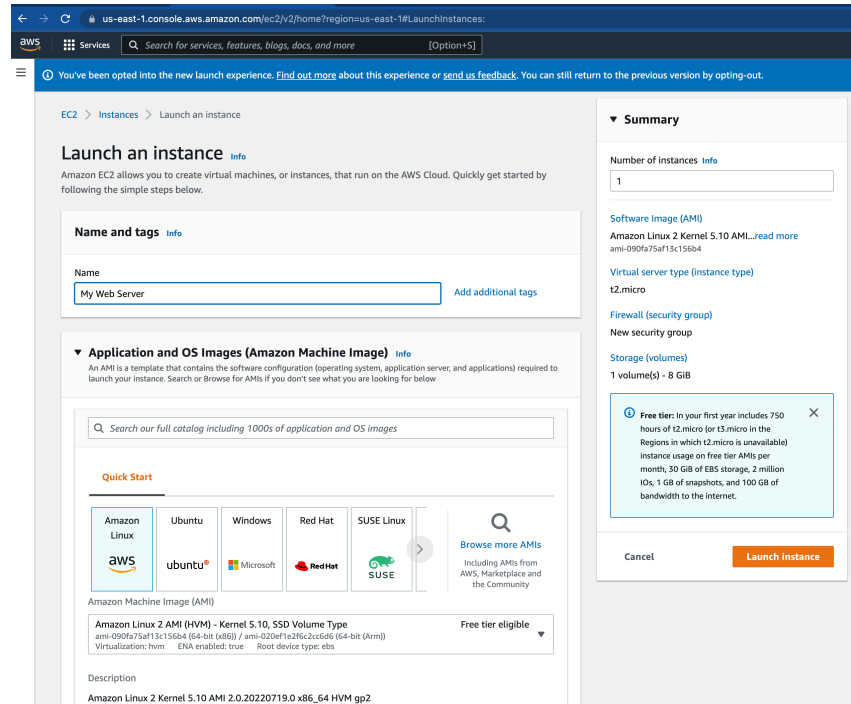


Masuk ke dashboard EC2



The screenshot shows the AWS Management Console EC2 Dashboard. The left sidebar contains navigation links for EC2 Dashboard, EC2 Global View, Events, Tags, Limits, Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Scheduled Instances, Capacity Reservations, Images, AMI Catalog, Elastic Block Store, Volumes, Snapshots, Lifecycle Manager, Network & Security, Security Groups, Elastic IPs, and Placement Groups. The main content area is divided into several sections: Resources (showing a summary of EC2 resources in the US East (N. Virginia) Region), Launch Instance (with a 'Launch instance' button), Service health (showing the status of the EC2 service), Zones (listing available zones), Scheduled events, and Migrate a server. On the right, there are panels for Account attributes (VPC, IAM, S3, etc.), Explore AWS (with links to various AWS services), and Additional information.

Klik Launch Instance, kemudian configure image dan securitynya



The screenshot shows the 'Launch an instance' page in the AWS Management Console. The page is titled 'Launch an instance' and includes a brief description of Amazon EC2. The 'Name and tags' section has a text input field for 'Name' with the value 'My Web Server'. The 'Application and OS Images (Amazon Machine Image)' section shows a search bar and a 'Quick Start' section with a grid of AMIs. The 'Summary' section on the right shows the configuration: 1 instance, Amazon Linux 2 Kernel 5.10 AMI, t2.micro instance type, new security group, and 1 volume (8 GiB). A 'Free tier' notification is displayed, stating that the first year includes 750 hours of t2.micro usage. The 'Launch instance' button is visible at the bottom right.

Create Key Pair

▼ Instance type [Info](#)

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 Hour

Free tier eligible

[Compare instance types](#)

▼ Key pair (login) [Info](#)

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name - *required*

alterra_academy_aws

[Create new key pair](#)



Setting Security Group

Description - *required* [Info](#)

launch-wizard-1 created 2022-08-04T08:07:11.007Z

Inbound security groups rules

▼ Security group rule 1 (TCP, 22, 0.0.0.0/0)

Remove

Type [Info](#)

ssh

Protocol [Info](#)

TCP

Port range [Info](#)

22

Source type [Info](#)

Anywhere

Source [Info](#)

Q Add CIDR, prefix list or security

0.0.0.0/0 X

Description - *optional* [Info](#)

e.g. SSH for admin desktop

▼ Security group rule 2 (TCP, 80, 0.0.0.0/0)

Remove

Type [Info](#)

HTTP

Protocol [Info](#)

TCP

Port range [Info](#)

80

Source type [Info](#)

Custom

Source [Info](#)

Q Add CIDR, prefix list or security

0.0.0.0/0 X

Description - *optional* [Info](#)

e.g. SSH for admin desktop

▼ Security group rule 3 (TCP, 80, ::/0)

Remove

Type [Info](#)

HTTP

Protocol [Info](#)

TCP

Port range [Info](#)

80

Source type [Info](#)

Custom

Source [Info](#)

Q Add CIDR, prefix list or security


::/0 X

Description - *optional* [Info](#)

e.g. SSH for admin desktop

Launch Instance VM

EC2 > Instances > Launch an instance

**Success**
Successfully initiated launch of instance (i-02c20667fc1bd0ba3)
[▶ Launch log](#)

Instances (1) Info

Search

Connect Instance state Actions Launch instances

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS	Public IPv4 ...	Elastic IP	IPv6 IPs
<input type="checkbox"/>	My Apps	i-02c20667fc1bd0ba3	Running	t2.micro	Initializing	No alarms	us-east-1b	ec2-44-201-179-231.co...	44.201.179.231	-	-

Akses Instance VM dari local computer menggunakan SSH

```
[192:AWS men666anas$ sudo ssh -i alterra_academy_aws.pem ec2-user@ec2-44-201-179-231.compute-1.amazonaws.com
[Password:
The authenticity of host 'ec2-44-201-179-231.compute-1.amazonaws.com (44.201.179.231)' can't be established.
ED25519 key fingerprint is SHA256:Gh5X2XB4819XbJEphddtbDhZvjxKywuF/FW6NhJwL8k.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'ec2-44-201-179-231.compute-1.amazonaws.com' (ED25519) to the list of known hosts.

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

https://aws.amazon.com/amazon-linux-2/
-bash: warning: setlocale: LC_CTYPE: cannot change locale (UTF-8): No such file or directory
[ec2-user@ip-172-31-86-4 ~]$ who im i
ec2-user pts/0      Aug  4 08:55 (125.166.3.9)
[ec2-user@ip-172-31-86-4 ~]$
```

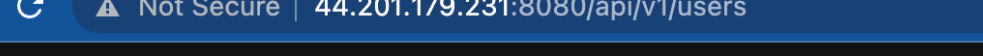
Get images from docker hub

```
[ec2-user@ip-172-31-86-4 ~]$ sudo docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
[ec2-user@ip-172-31-86-4 ~]$ sudo docker pull andikaopp/demo
Using default tag: latest
latest: Pulling from andikaopp/demo
001c52e26ad5: Pull complete
d9d4b9b6e964: Pull complete
2068746827ec: Pull complete
9daef329d350: Pull complete
d85151f15b66: Pull complete
52a8c426d30b: Pull complete
8754a66e0050: Pull complete
f23644f2e06a: Pull complete
Digest: sha256:dafc53a8cfb27c80829808509d2edaf96a0fd0a45da8fc4be981f1a767cf16a2
Status: Downloaded newer image for andikaopp/demo:latest
docker.io/andikaopp/demo:latest
[ec2-user@ip-172-31-86-4 ~]$ ls
[ec2-user@ip-172-31-86-4 ~]$ sudo docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
andikaopp/demo latest 9738a529d8ea 44 hours ago 546MB
[ec2-user@ip-172-31-86-4 ~]$
```

Running images

[illegible]

Akses domain API



The screenshot shows a web browser interface. The address bar at the top displays the URL `44.201.179.231:8080/api/v1/users` with a "Not Secure" warning icon. Below the address bar, the response body is displayed in a dark-themed editor, showing a JSON object: `{"code":200,"data":["budi","budi","budi","budi"],"message":"success"}`.