

# LAB – 1: - Introduction to AWS EC2 (Elastic Compute Cloud)

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Section: D

1. Summary of instance before launching (Review Instance Launch)

▼ Summary

Number of instances [Info](#)

Software Image (AMI)

Microsoft Windows Server 2019 ...[read more](#)  
ami-0c4cc0a40dd47b942

Virtual server type (instance type)

t2.micro

Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 30 GiB

Cancel

Launch instance

## 2. EC2 instance in running state

✓

Success

Successfully initiated launch of instance (i-05a859a6e1618642b)

▼ Launch log

Initializing requests

Succeeded

Creating security groups

Succeeded

Creating security group rules

Succeeded

Launch initiation

Succeeded

Instance summary for i-05a859a6e1618642b (pes2ug20cs216) [Info](#)

Updated less than a minute ago

Refresh

Connect

Instance state ▼

Actions ▼

Instance ID i-05a859a6e1618642b (pes2ug20cs216)	Public IPv4 address 3.88.66.123   <a href="#">open address</a>	Private IPv4 addresses 172.31.85.9
IPv6 address -	Instance state Running	Public IPv4 DNS ec2-3-88-66-123.compute-1.amazonaws.com   <a href="#">open address</a>
Hostname type IP name: ip-172-31-85-9.ec2.internal	Private IP DNS name (IPv4 only) ip-172-31-85-9.ec2.internal	Elastic IP addresses -
Answer private resource DNS name IPv4 (A)	Instance type t2.micro	AWS Compute Optimizer finding <a href="#">Opt-in to AWS Compute Optimizer for recommendations.</a>   <a href="#">Learn more</a>
Auto-assigned IP address 3.88.66.123 [Public IP]	VPC ID vpc-0f57dca627b12fa38	Auto Scaling Group name -
IAM Role Lab-SSM-Role	Subnet ID subnet-0b420b6a68db9d152	

Details

Security

Networking

Storage

Status checks

Monitoring

Tags

Status checks [Info](#)

Status checks detect problems that may impair i-05a859a6e1618642b (pes2ug20cs216) from running your applications.

System status checks

Initializing

Instance status checks

Initializing

Report the instance status if our checks do not reflect your experience with this instance or if they do not detect issues you are having.

[Report instance status](#)

Actions ▼


## 3. Web server browser with the message displaying

Bird website: home

Not secure | 3.88.66.123

Gmail YouTube Maps MI project

Home Page



HOME

BIRDS

Welcome Students!

This school year, you will be learning to identify different kinds of birds. Whenever you spot a bird, you will save your sighting details in the bird sightings log. The more you look, the more birds you will notice. You may be surprised how many you can spot around your home, local, parks, or even inside a store!

You can use the all birds page to help identify birds that you have found. Simply choose a bird image to find out the bird's name and common characteristics.

You will need to login to get to the secret page where you will add your bird sightings.

## 4. Showing the instance volume resized

**Instance summary for i-05a859a6e1618642b (pes2ug20cs216)** Info

Updated less than a minute ago

Instance ID: i-05a859a6e1618642b (pes2ug20cs216)

Public IPv4 address: 3.88.111.116 | [open address](#)

Instance state: Running

Private IPv4 addresses: 172.31.85.9

Public IPv4 DNS: ec2-3-88-111-116.compute-1.amazonaws.com | [open address](#)

IPv6 address: -

Hostname type: IP name: ip-172-31-85-9.ec2.internal

Private IP DNS name (IPv4 only): ip-172-31-85-9.ec2.internal

Instance type: t2.nano

VPC ID: vpc-0f57dca627b12fa38

Subnet ID: subnet-0b420b6a68db9d152

Auto-assigned IP address: 3.88.111.116 [Public IP]

IAM Role: Lab-SSM-Role

Elastic IP addresses: -

AWS Compute Optimizer finding: [Opt-in to AWS Compute Optimizer for recommendations.](#) | [Learn more](#)

Auto Scaling Group name: -

**Details** | Security | Networking | Storage | Status checks | Monitoring | Tags

**Instance details** Info

Platform: windows

AMI ID: ami-0c4cc0a40dd47b942

Monitoring: disabled

Platform details: Windows

AMI name: Windows\_Server-2019-English-Full-Base-2023.01.11

Termination protection: Disabled

## 5. EC2 instance in stopped state

**Instances (1)** Info

Find instance by attribute or tag (case-sensitive)

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS	Public IPv4
pes2ug20cs216	i-05a859a6e1618642b	Stopped	t2.micro	-	No alarms	us-east-1b	-	-