

# CLOUD COMPUTING

## LAB 1

NAME:SIRI GOWRI.H

SECTION: J

SRN : PES1UG21CS599

## SCREENSHOTS:

**Instances (1/1)** 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 ...	Elastic IP
PES1UG21CS599_Siri_Gowri_H	i-01c2e282197e0f116	Running	t2.micro	2/2 checks passed	View alarms	us-east-1a	ec2-3-89-45-154.comp...	3.89.45.154	-

**Instance: i-01c2e282197e0f116 (PES1UG21CS599\_Siri\_Gowri\_H)**

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

**Instance summary** Info

Instance ID: i-01c2e282197e0f116 (PES1UG21CS599\_Siri\_Gowri\_H)

Public IPv4 address: 3.89.45.154 [Open address](#)

Instance state: Running

Private IP DNS name (IPv4 only): ip-10-0-1-139.ec2.internal

Instance type: t2.micro

VPC ID: vpc-093565a8d1a39d2c4 (Lab VPC)

Private IPv4 addresses: 10.0.1.139

Public IPv4 DNS: ec2-3-89-45-154.compute-1.amazonaws.com [Open address](#)

Elastic IP addresses: -

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

Auto-assigned IP address: 3.89.45.154 [Public IP]

IAM Role: [View role](#)

**Instances (1/1)** 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 ...	Elastic IP
PES1UG21CS599_Siri_Gowri_H	i-01c2e282197e0f116	Running	t2.micro	2/2 checks passed	View alarms	us-east-1a	ec2-3-89-45-154.comp...	3.89.45.154	-

**Instance: i-01c2e282197e0f116 (PES1UG21CS599\_Siri\_Gowri\_H)**

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

**Status checks** Info

Status checks detect problems that may impair i-01c2e282197e0f116 (PES1UG21CS599\_Siri\_Gowri\_H) from running your applications.

System status checks: [View details](#)

Instance status checks: [View details](#)

System reachability check passed

Instance reachability check passed

**Alarms**

Find alarms by name

Name	State	Description	Metric name	State reason
Instance has no associated alarms				

Learner Dashboard Page | Getting Started with Compute Lab | Workbench - Vocareum | Get system log | EC2 | us-east-1

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

EC2 Dashboard | EC2 Global View | Events | Console-to-Code | Instances | Instance Types | Launch Templates | Spot Requests | Savings Plans | Reserved Instances | Dedicated Hosts | Capacity Reservations | Images | AMIs | AMI Catalog | Elastic Block Store | Volumes | Snapshots | Lifecycle Manager | Network & Security | Security Groups | Elastic IPs | Placement Groups | Key Pairs | Network Interfaces | Load Balancing | Load Balancers

## Get system log

When you experience issues with your EC2 Instance, reviewing system logs can help you pinpoint the cause.

**System log**

Review system log for instance i-01c2e282197e0f116 as of Wed Jan 17 2024 20:06:16 GMT+05:30 (India Standard Time)

```
2024/01/17 14:27:49Z: UsbKernal: 1809
2024/01/17 14:27:49Z: Language: en-US
2024/01/17 14:27:49Z: TimeZone: Coordinated Universal Time
2024/01/17 14:27:49Z: Offset: UTC 00:00:00
2024/01/17 14:27:49Z: AMI-ID: ami-05a51e12074e45142
2024/01/17 14:27:49Z: Instance-ID: i-01c2e282197e0f116
2024/01/17 14:27:49Z: Instance-Type: t2.micro
2024/01/17 14:28:09Z: Driver: AWS PV Driver Package v8.4.3
2024/01/17 14:28:11Z: Launch: EC2 Launch v1.3.2004592
2024/01/17 14:28:11Z: SSM: Amazon SSM Agent v3.2.1705.0
2024/01/17 14:28:11Z: RDP CERTIFICATE-SUBJECTNAME: EC2AMAZ-7LEAMHE
2024/01/17 14:28:11Z: RDP CERTIFICATE-THUMBPRINT: 43B6990EAB534CF28A3E60166D52BF41EFE04CFD
2024/01/17 14:29:00Z: HibernationEnabled: false
2024/01/17 14:29:05Z: EC2LaunchTelemetry: IsTelemetryEnabled=true
2024/01/17 14:29:05Z: EC2LaunchTelemetry: AgentOsArchwindows amd64
2024/01/17 14:29:05Z: EC2LaunchTelemetry: IsAgentScheduledPerBoot=false
2024/01/17 14:29:05Z: EC2LaunchTelemetry: IsUserDataScheduledPerBoot=false
2024/01/17 14:29:05Z: EC2LaunchTelemetry: AgentCommandErrorCode=0
2024/01/17 14:29:05Z: EC2LaunchTelemetry: AdminPasswordTypeCode=0
2024/01/17 14:29:05Z: Message: Windows is Ready to use
```

For boot or networking issues, use the EC2 serial console for troubleshooting. Choose the **Connect** button to start a session.

Cancel

Learner Dashboard Page | Getting Started with Compute Lab | Workbench - Vocareum | Get instance screenshot | EC2 | us-east-1

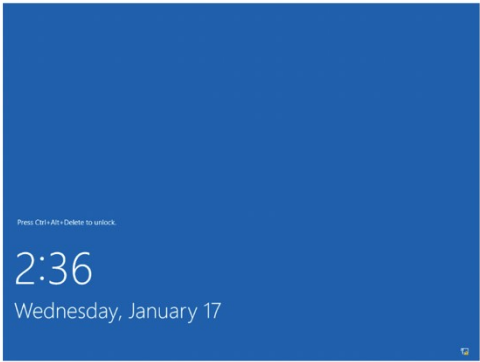
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#GetInstanceScreenshot:instanceId=i-01c2e282197e0f116

EC2 | Instances | i-01c2e282197e0f116 | Get instance screenshot

## Get instance screenshot

**Instance screenshot**

i-01c2e282197e0f116 (PES1UG21CS599\_Sir\_Gower\_H) on 2024-01-17 at T20:06:50.376 +05:30



Press Ctrl+Alt+Delete to unlock.

2:36  
Wednesday, January 17

For boot or networking issues, use the EC2 serial console for troubleshooting. Choose the **Connect** button to start a session.

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

EC2 Dashboard

EC2 Global View

Events

Console-to-Code [Preview](#)

Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations [New](#)

Images

AMIs

AMI Catalog

Elastic Block Store

Volumes

Snapshots

Lifecycle Manager

Inbound security group rules successfully modified on security group (sg-00654b3197fe08799 | Web Server security group)

Details

Security Groups (3) [Info](#)

Find resources by attribute or tag

<input type="checkbox"/>	Name	Security group ID	Security group name	VPC ID
<input type="checkbox"/>	-	sg-0fea77f6ea5688be9	default	vpc-093565a8d1a39d2c4
<input type="checkbox"/>	-	sg-0dea230dbc7a2650c	default	vpc-0c55831791b1ca70a
<input type="checkbox"/>	-	sg-00654b3197fe08799	Web Server security group	vpc-093565a8d1a39d2c4

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

Launch an instance

Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.

Name and tags

Key: Name Value: PES1UG21CS59 Resource types: Instances Volumes

Add new tag

Application and OS Images (Amazon Machine Image)

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below

Search: microsoft

AMI from catalog Quick Start

Amazon Machine Image (AMI)

Windows\_Server-2019-English-Full-Base-2024.01.10 ami-05a51e12074e45142

Browse more AMIs

Summary

Number of instances: 1

Software Image (AMI)

Microsoft Windows Server 2019 ...read more

ami-05a51e12074e45142

Virtual server type (instance type)

t2.micro

Firewall (security group)

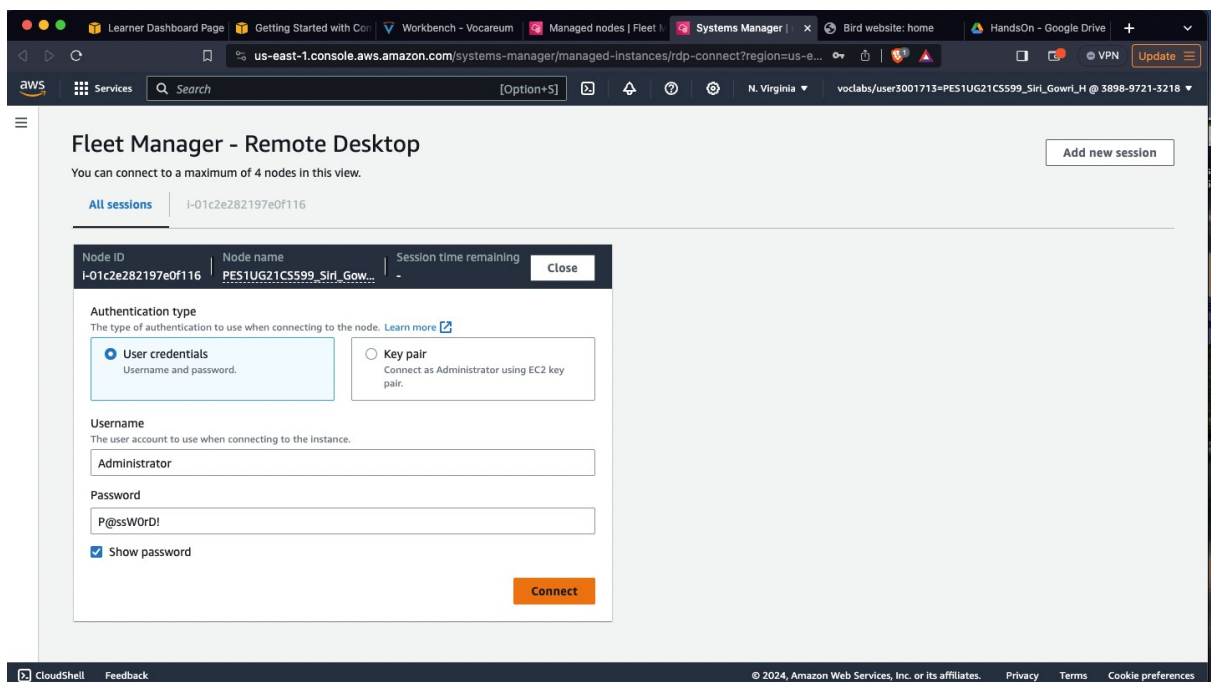
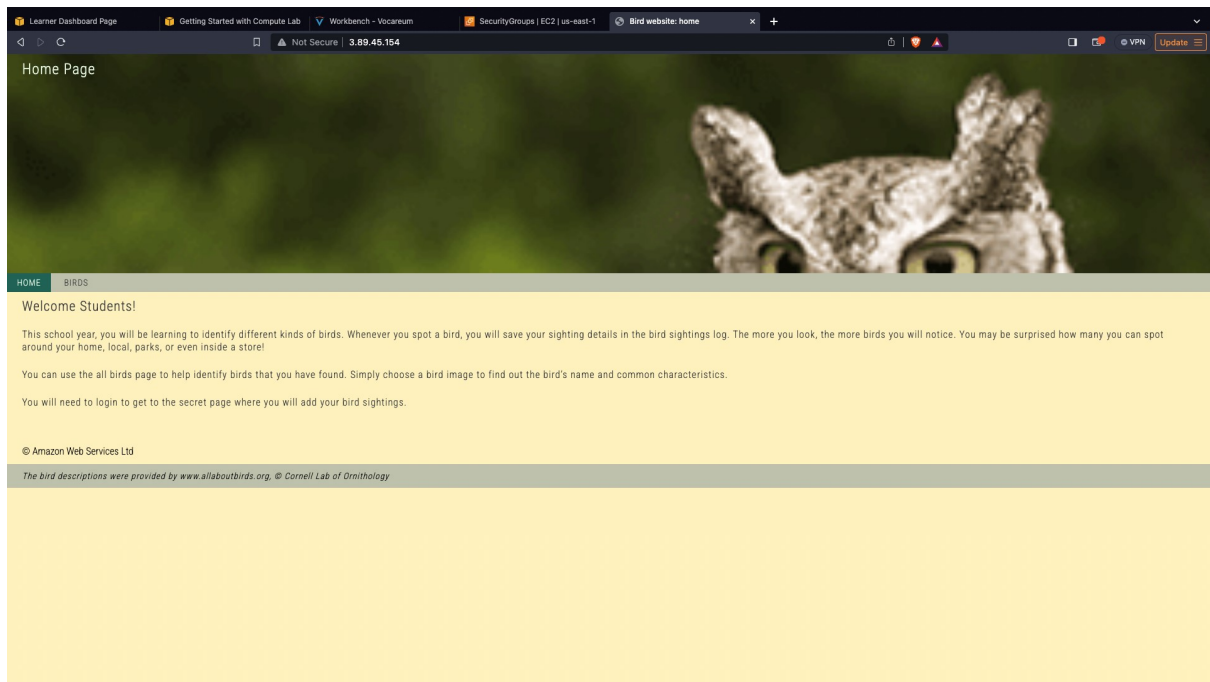
Web Server security group

Storage (volumes)

1 volume(s) - 30 GiB

Free tier: In your first year includes 750 hours of t2.micro (or t3.micro) in the Regions in which t2.micro is unavailable. Instance usage on free tier AMIs per month, 30 GiB of EBS storage, 2 million I/Os, 1 GiB of snapshots, and 100 GB of bandwidth to the internet.

Cancel Launch Instance Review commands




us-east-1.console.aws.amazon.com/systems-manager/managed-instances/rdp-connect?region=us-e...

## Fleet Manager - Remote Desktop

You can connect to a maximum of 4 nodes in this view.

[All sessions](#) | I-01c2e282197e0f116

Node ID	Node name	Session time remaining	Actions
I-01c2e282197e0f116	PES1UG21CS599_Siri_Gowri_H	60 minutes	



CloudShell Feedback

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

## Instances (1/1)

Find instance by attribute or tag (case-sensitive)

Instance state = running Clear filters

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
PES1UG21CS599_Siri_Gowri_H	I-01c2e282197e0f116	Running	t2.micro	2/2 checks passed	View alarms	us-east-1a

### Stop instance?

Instance IDs

- I-01c2e282197e0f116 (PES1UG21CS599\_Siri\_Gowri\_H)

To confirm that you want to stop the instance, choose the Stop button below.

Cancel Stop

### Instance: I-01c2e282197e0f116

Details Status and alarms New

Instance summary info

Instance ID	Public IPv4 address	Private IPv4 addresses
I-01c2e282197e0f116 (PES1UG21CS599_Siri_Gowri_H)	3.89.45.154 <a href="#">open address</a>	10.0.1.139
IPv6 address	Instance state	Public IPv4 DNS
—	Running	ec2-3-89-45-154.compute-1.amazonaws.com <a href="#">open address</a>
Hostname: home	Private IP DNS name (IPv4 only)	

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us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:v=3,\$case=tags:true%5C,cli...

Instance type changed successfully

Instances (1/1) Info

Find Instance by attribute or tag (case-sensitive)

<input checked="" type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability
<input checked="" type="checkbox"/>	PES1UG21CS599_Siri_Gowri_H	i-01c2e282197e0f116	Running	t2.nano	-	View alarms +	us-east-1

Instance: i-01c2e282197e0f116 (PES1UG21CS599\_Siri\_Gowri\_H)

Details Status and alarms New Monitoring Security Networking Storage Tags

Instance summary Info

Instance ID i-01c2e282197e0f116 (PES1UG21CS599_Siri_Gowri_H)	Public IPv4 address 3.90.236.173 <a href="#">open address</a>	Private IPv4 addresses 10.0.1.139
IPv6 address -	Instance state Running	Public IPv4 DNS ec2-3-90-236-173.compute-1.amazonaws.com <a href="#">open address</a>
Hostname type	Private IP DNS name (IPv4 only)	

CloudShell Feedback

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us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:v=3,\$case=tags:true%5C,cli...

Instances (1/1) Info

Find Instance by attribute or tag (case-sensitive)

<input checked="" type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability
<input checked="" type="checkbox"/>	PES1UG21CS599_Siri_Gowri_H	i-01c2e282197e0f116	Terminated	t2.nano	-	View alarms +	us-east-1

Instance: i-01c2e282197e0f116 (PES1UG21CS599\_Siri\_Gowri\_H)

Details Status and alarms New Monitoring Security Networking Storage Tags

Instance summary Info

Instance ID i-01c2e282197e0f116 (PES1UG21CS599_Siri_Gowri_H)	Public IPv4 address -	Private IPv4 addresses -
IPv6 address -	Instance state Terminated	Public IPv4 DNS -
Hostname type -		

CloudShell Feedback

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Learner DashboardFinal AssessmentGetting Started xWorkbench - VocareSecurityGroups | ECInstances | EC2 | usBird website: homeHandsOn - Google+VPNUpdate

emergingtalent.contentcontroller.com/ScormEngineInterface/dispatch/ti/tiDispatch.html?studentId=8fc4...

KEYBOARD SHORTCUTS

## Final assessment results

Your Score: 100% (150 points)

Passing Score: 70% (105 points)

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Result:

Congratulations! You passed.

Review Quiz

Retry Quiz

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