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CIA 1

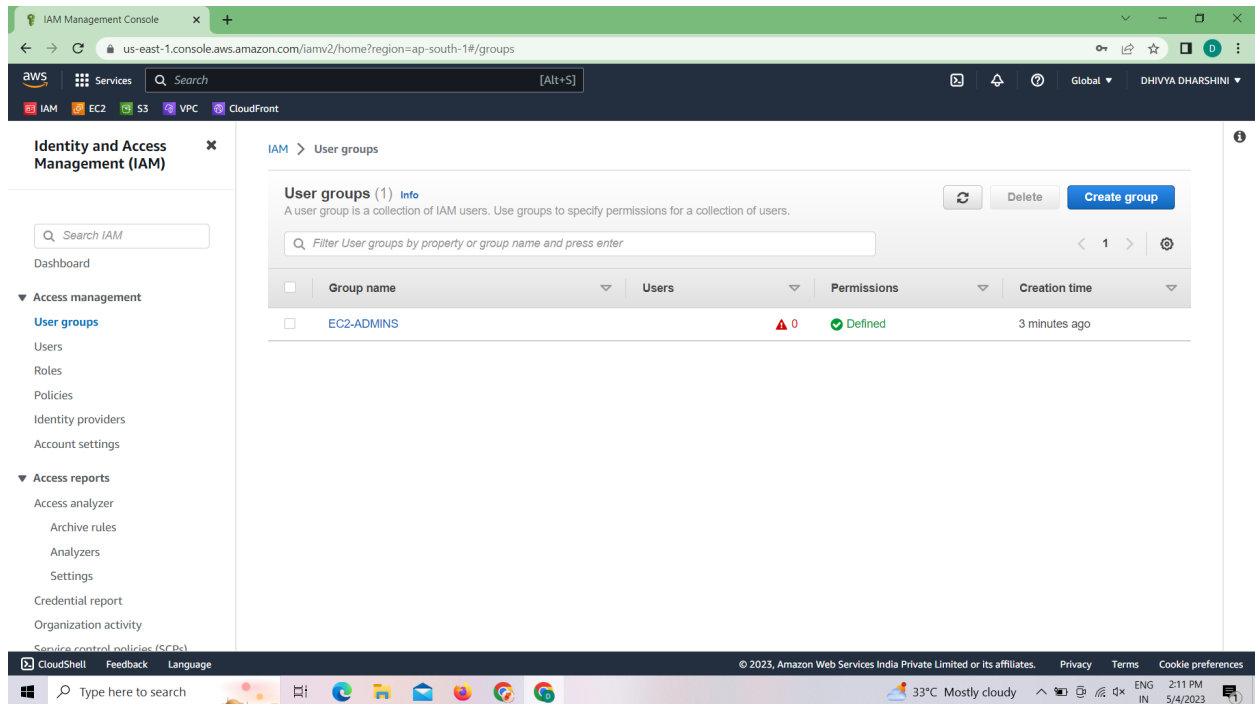
QUESTION NO : 3

IAM USER CREATED :

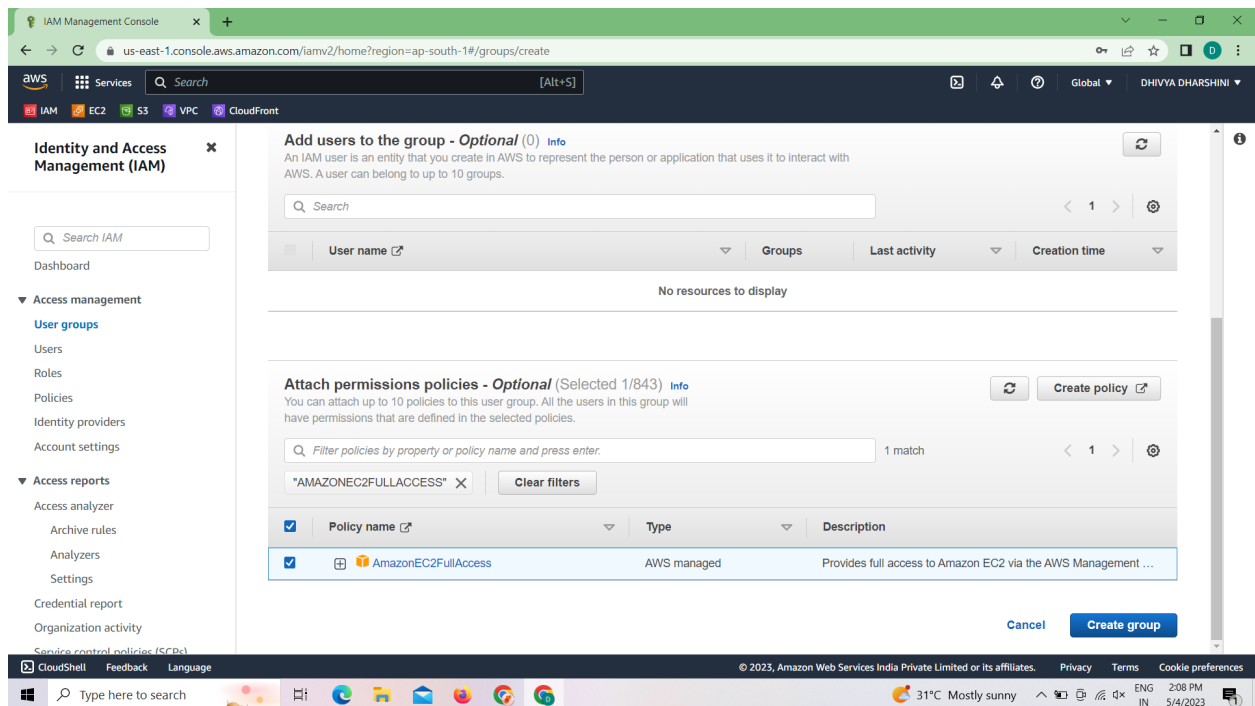
The screenshot displays the AWS IAM Management Console interface. A green banner at the top indicates "User created successfully" with a "View user" button. The left sidebar shows the "Identity and Access Management (IAM)" menu with options like Dashboard, Access management, and Access reports. The main content area shows the "Users" page with a table listing the created user.

	User name	Groups	Last activity	MFA	Password age	Active key age
<input type="checkbox"/>	EC2Admin1	None	Never	None	None	-

IAM GROUP CREATED:



ATTACHING THE POLICY OF AMAZON EC2 FULL ACCESS



ATTACHING THE POLICY AUTO SCALING FULL ACCESS :

Identity and Access Management (IAM)

us-east-1.console.aws.amazon.com/iamv2/home?region=ap-south-1#/groups/details/EC2-ADMINS/attach-policies

Attach permission policies to EC2-ADMINS

Current permissions policies (1)

Other permission policies (Selected 1/842)

You can attach up to 10 managed policies to this user group. All of the users in this group inherit the attached permissions.

Filter policies by property or policy name and press enter. 1 match

"autoscalingfullaccess" X Clear filters

<input checked="" type="checkbox"/>	Policy name	Type	Description
<input checked="" type="checkbox"/>	AutoScalingFullAccess	AWS managed	Provides full access to Auto Scaling.

Cancel Add permissions

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us-east-1.console.aws.amazon.com/iamv2/home?region=ap-south-1#/groups/details/EC2-ADMINS?section=permissions

EC2-ADMINS

Summary

User group name: EC2-ADMINS Creation time: May 04, 2023, 14:08 (UTC+05:30) ARN: arn:aws:iam::950354995336:group/EC2-ADMINS

Users Permissions Access Advisor

Permissions policies (2) Info

You can attach up to 10 managed policies.

Filter policies by property or policy name and press enter. 1 match

<input type="checkbox"/>	Policy name	Type	Description
<input type="checkbox"/>	AmazonEC2FullAccess	AWS managed	Provides full access to Amazon EC2 vi...
<input type="checkbox"/>	AutoScalingFullAccess	AWS managed	Provides full access to Auto Scaling.

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QUESTION NO 1 :

CREATING NAME AND TAGS :

Launch an instance | EC2 Manager | ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LaunchInstances:

Launch an instance [Info](#)

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 [Info](#)

Name: [Add additional tags](#)

Application and OS Images (Amazon Machine Image) [Info](#)

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

Recents [Quick Start](#)

Summary

Number of instances [Info](#): 1

Software Image (AMI): Amazon Linux 2023 AMI 2023.0.2...[read more](#)
ami-0b08bfc6ff7069aff

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 750 hours of t2.micro (or t3.micro in the [Dominion in which t2.micro is](#))

[Cancel](#) [Launch instance](#) [Review commands](#)

Launch an instance | EC2 Manager | ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LaunchInstances:

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: [Create new key pair](#)

Network settings [Info](#) [Edit](#)

Network [Info](#): vpc-0e24d421970ab0cf5

Subnet [Info](#): No preference (Default subnet in any availability zone)

Auto-assign public IP [Info](#): 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.

Summary

Number of instances [Info](#): 1

Software Image (AMI): Amazon Linux 2023 AMI 2023.0.2...[read more](#)
ami-0b08bfc6ff7069aff

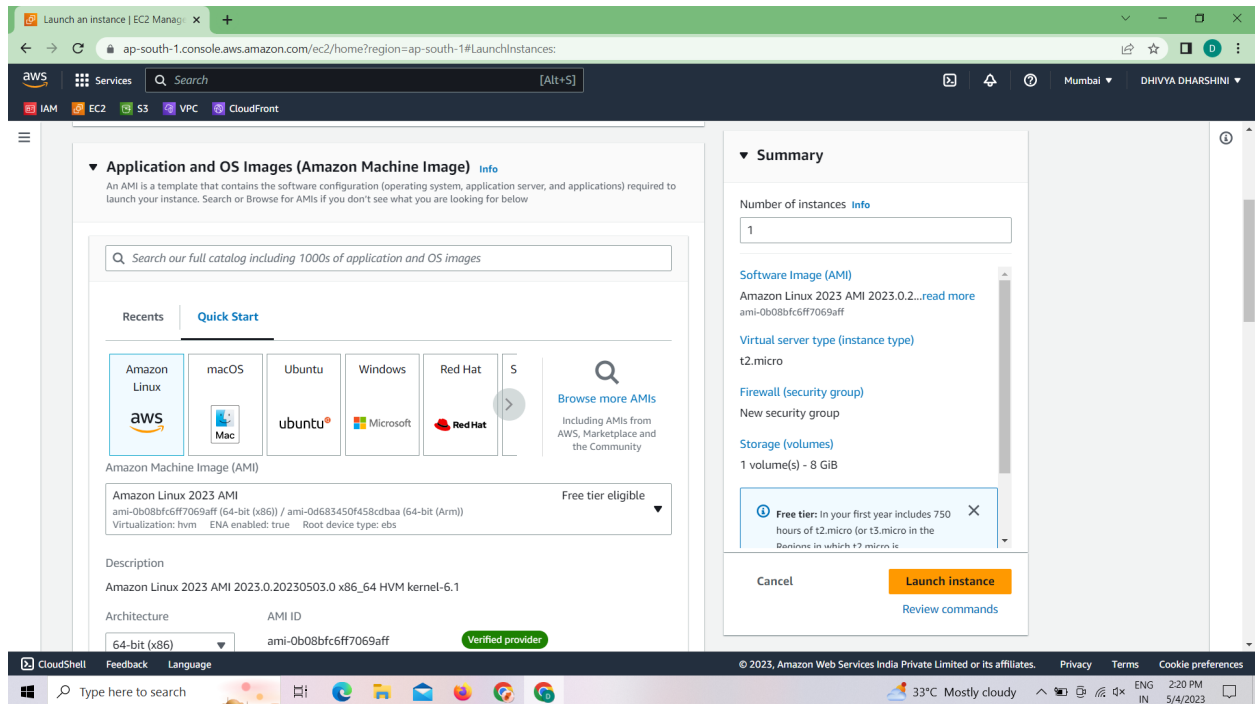
Virtual server type (instance type): t2.micro

Firewall (security group): New security group

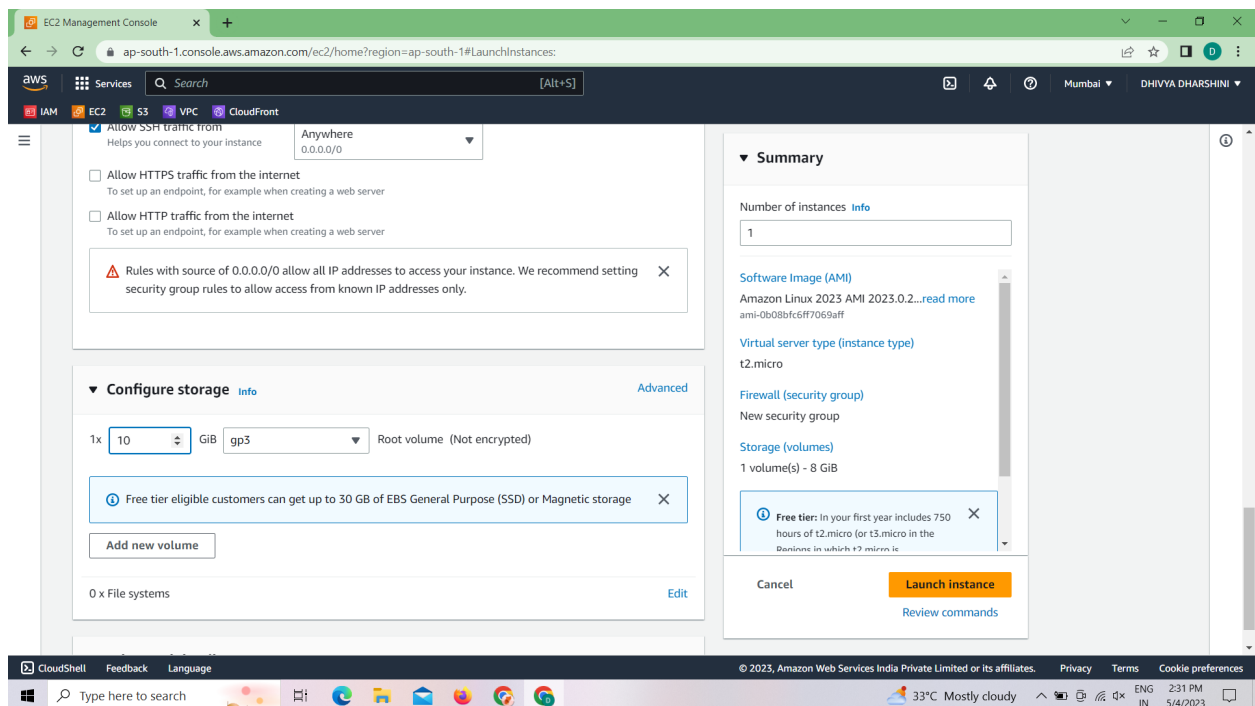
Storage (volumes): 1 volume(s) - 8 GiB

[Cancel](#) [Launch instance](#) [Review commands](#)

AMAZON LINUX OS PLATFORM :



INCREASING TO 10 GB:



PORT 22:

EC2 Management Console

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

aws

Services

Search

[Alt+S]

iam

ec2

s3

vpc

cloudfront

Mumbai

DHIVYA DHARSHINI

Subnet

No preference (Default subnet in any availability zone)

Auto-assign public IP

Enable

Firewall (security groups)

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-17' with the following rules:

☒ Allow SSH traffic from

Helps you connect to your instance

Anywhere

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.

Configure storage

Advanced

Summary

Number of instances

1

Software Image (AMI)

Amazon Linux 2023 AMI 2023.0.2...read more

ami-0b08bfc6ff7069aff

Virtual server type (instance type)

t2.micro

Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 10 GiB

Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Business in which t3.micro is

Cancel

Launch instance

Review commands

CloudShell

Feedback

Language

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33°C Mostly cloudy

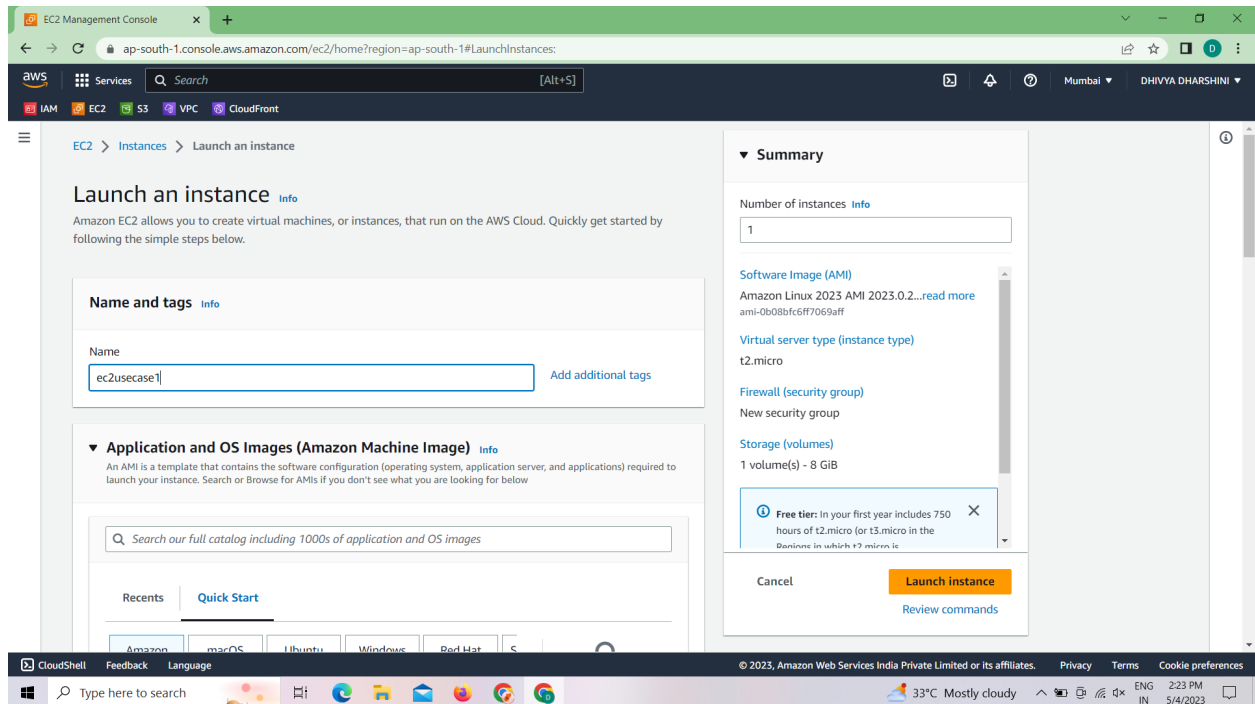
ENG IN

2:31 PM

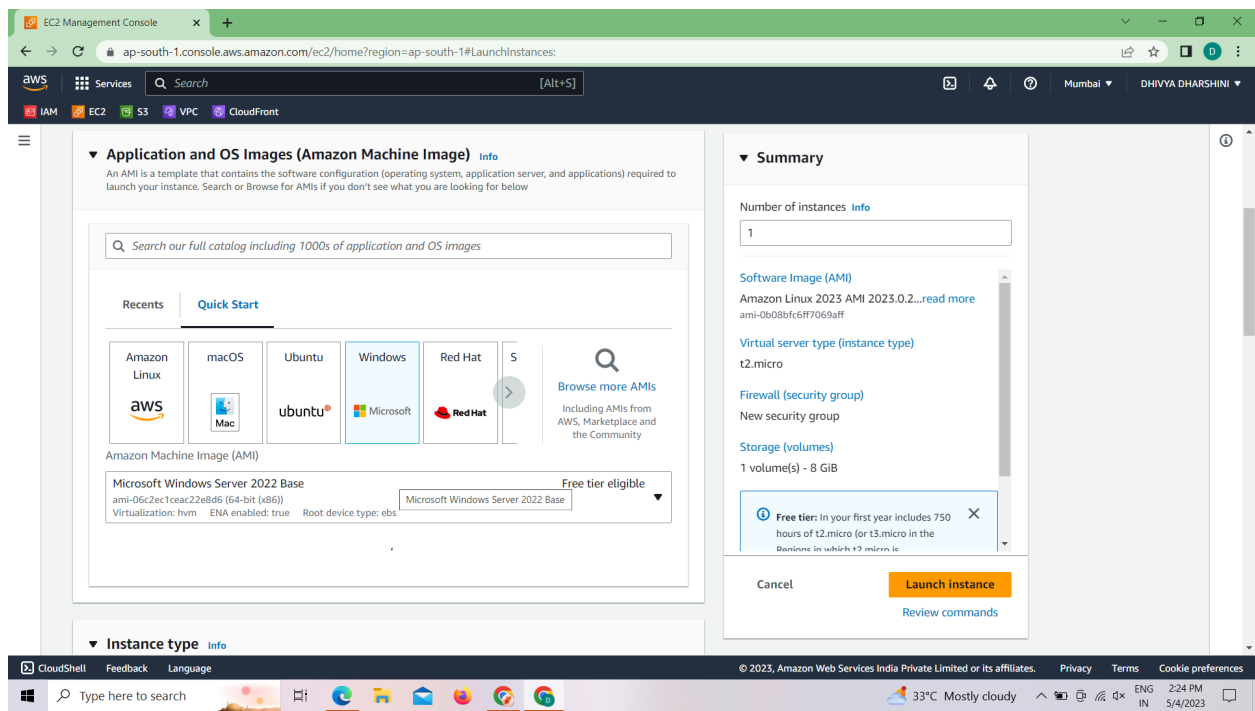
5/4/2023

QUESTION NO : 2

CREATION OF NAME AND TAGS:



AMI WITH WINDOWS :



AUTO ASSIGNED PUBLIC IP ENABLED :

The screenshot shows the AWS Management Console 'Launch instances' wizard. The 'Key pair (login)' section has 'ec2usecase1' selected. The 'Network settings' section shows 'vpc-Oe24d421970ab0cf5' and 'Subnet' set to 'No preference'. The 'Auto-assign public IP' option is set to 'Enable'. The 'Firewall (security groups)' section has 'Create security group' selected. The 'Summary' panel on the right shows 'Number of instances' as 1, 'Software Image (AMI)' as 'Microsoft Windows Server 2022', 'Virtual server type (instance type)' as 't2.micro', and 'Storage (volumes)' as '1 volume(s) - 30 GiB'. A 'Free tier' notification is visible. The 'Launch instance' button is highlighted in orange.

PORT 3389(RDP) :

The screenshot shows the AWS Management Console 'Launch instances' wizard, specifically the 'Firewall (security groups)' section. The 'Create security group' option is selected. Below, it states 'We'll create a new security group called 'launch-wizard-16' with the following rules:'. The 'Allow RDP traffic from' rule is checked, with 'Anywhere' selected for the source. The 'Allow HTTPS traffic from the internet' rule is also checked. The 'Allow HTTP traffic from the internet' rule is unchecked. A warning message states: '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.' The 'Summary' panel on the right is visible, showing the same configuration as the previous screenshot. The 'Launch instance' button is highlighted in orange.