727721EUIT116
PRIYADHARSHINI B

## 2023_SKCET_Cloud_CC1

**Time: 30 minutes**

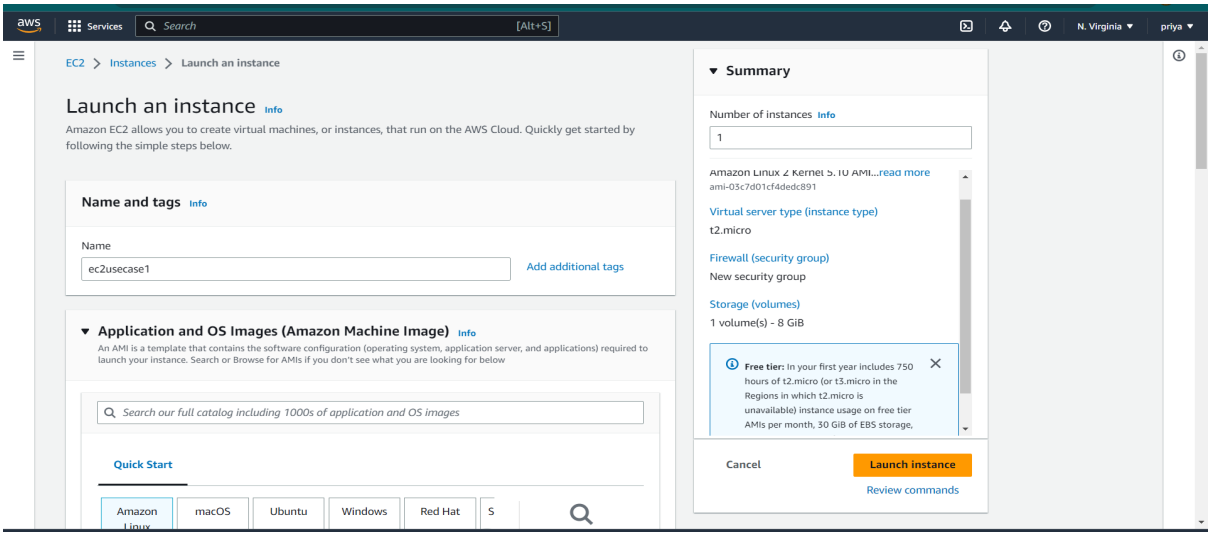
**Marks: 16**

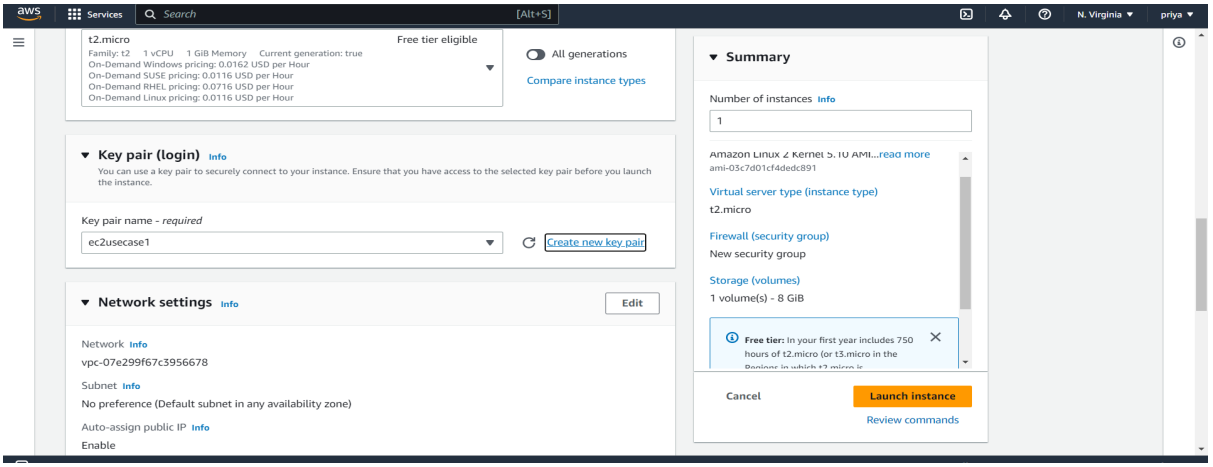
Q1.

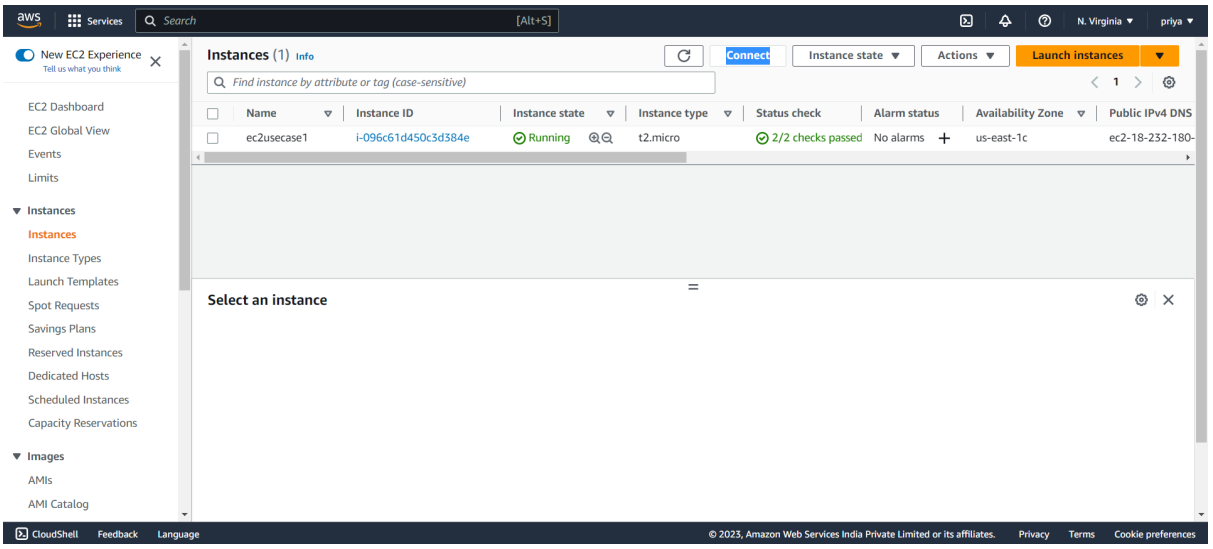
**Create an EC2 Instance in the us-east-1 region with the following requirements.**

Give the Name tag of both EC2 instance & keypair as "ec2usecase1"(Name).

**(4 Marks)**




aws
Services
Search
[Alt+S]
N. Virginia
priya
t2.micro
Free tier eligible
Family: t2 1 vCPU 1 GiB Memory Current generation: true
On-Demand Windows pricing: 0.0162 USD per Hour
On-Demand SUSE pricing: 0.0116 USD per Hour
On-Demand RHEL pricing: 0.0716 USD per Hour
On-Demand Linux pricing: 0.0116 USD per Hour
All generations
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
ec2usecase1
Create new key pair
Network settings Info
Edit
Network Info
vpc-07e299f67c3956678
Subnet Info
No preference (Default subnet in any availability zone)
Auto-assign public IP Info
Enable
Summary
Number of instances Info
1
Amazon Linux 2 Kernel 5.10 AMI...read more
ami-03c7d01cf4dedc891
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
Cancel
Launch instance
Review commands


aws
Services
Search
[Alt+S]
N. Virginia
priya
New EC2 Experience
Tell us what you think
EC2 Dashboard
EC2 Global View
Events
Limits
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Scheduled Instances
Capacity Reservations
Images
AMIs
AMI Catalog
Instances (1) Info
Connect
Instance state
Actions
Launch instances
Find instance by attribute or tag (case-sensitive)
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
Public IPv4 DNS
ec2usecase1
i-096c61d450c3d384e
Running
t2.micro
2/2 checks passed
No alarms
us-east-1c
ec2-18-232-180-
Select an instance
CloudShell
Feedback
Language
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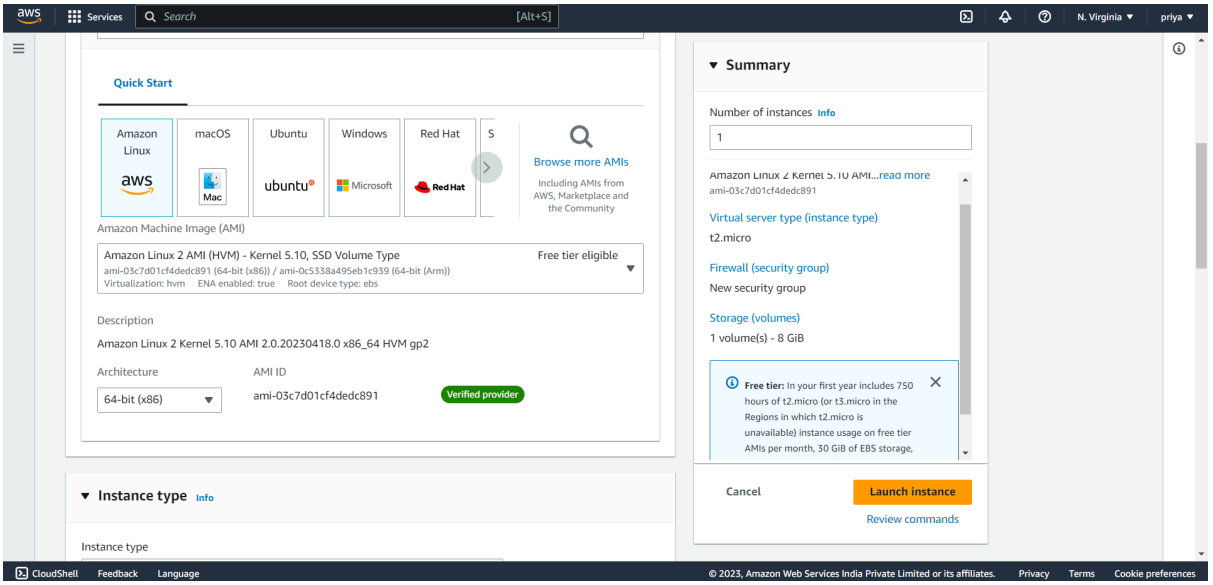
Privacy
Terms
Cookie preferences

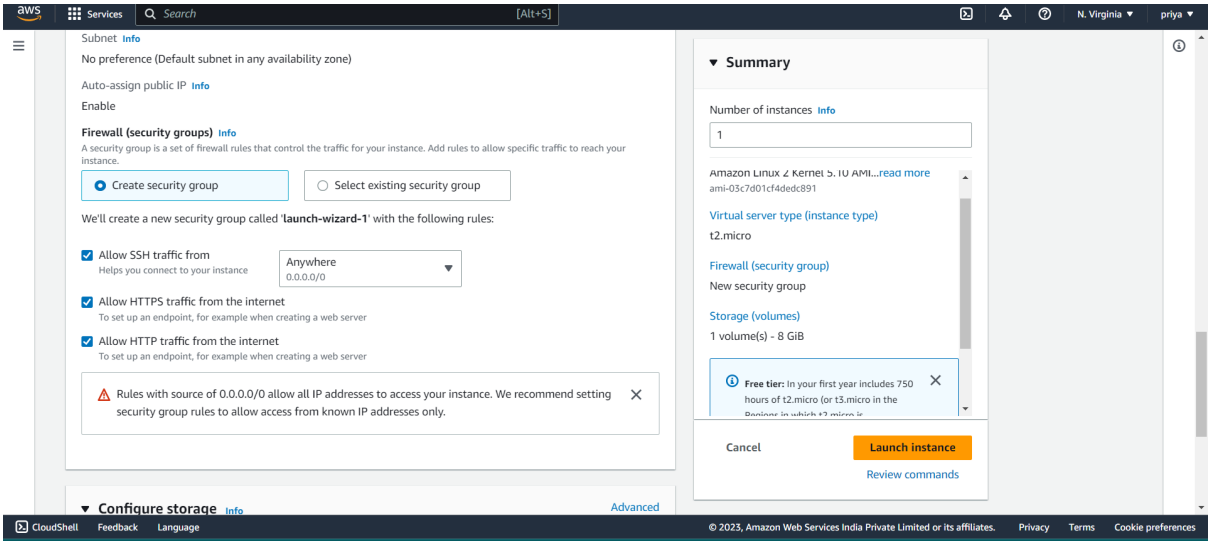
EC2 instance AMI should be "Amazon Linux 2".

**(4 Marks)**



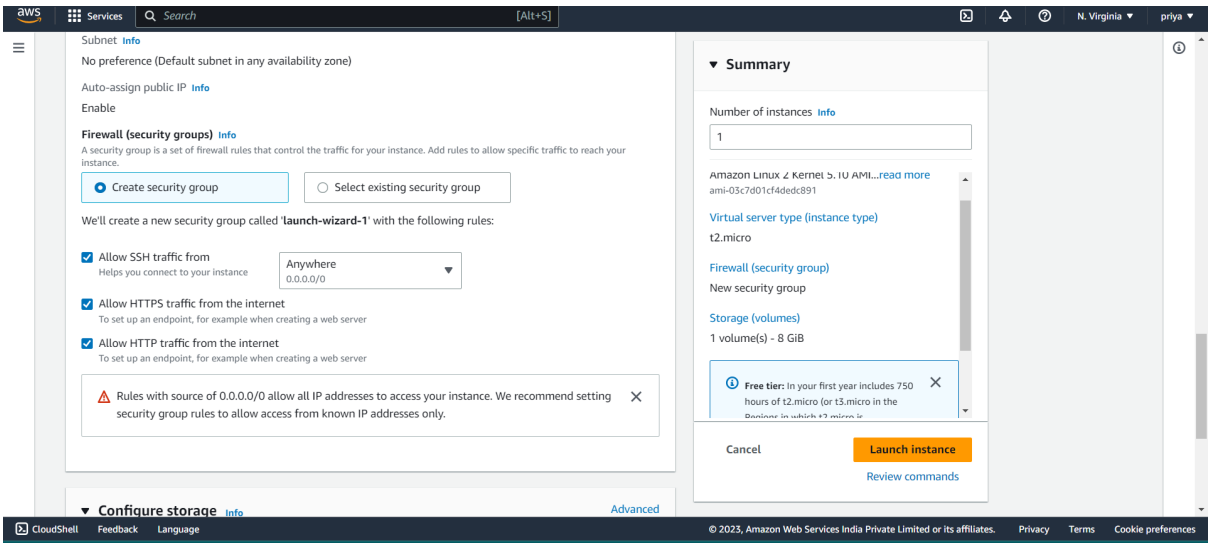

**(4 Marks)**

Allow SSH traffic for taking putty remote connection.




Allow HTTP traffic from the internet for reaching website requests.

**(4 Marks)**


aws
Services
Search
[Alt+S]
N. Virginia
priya
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.
Create security group
Select existing security group
We'll create a new security group called 'launch-wizard-1' 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 Info
Advanced
Summary
Number of instances Info
1
Amazon Linux 2 Kernel 5.10 AMI...read more
ami-03c7d01cf4dedc891
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
Cancel
Launch instance
Review commands
CloudShell
Feedback
Language
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**2023_SKCET_Cloud_CC1**

**Time: 30 minutes**

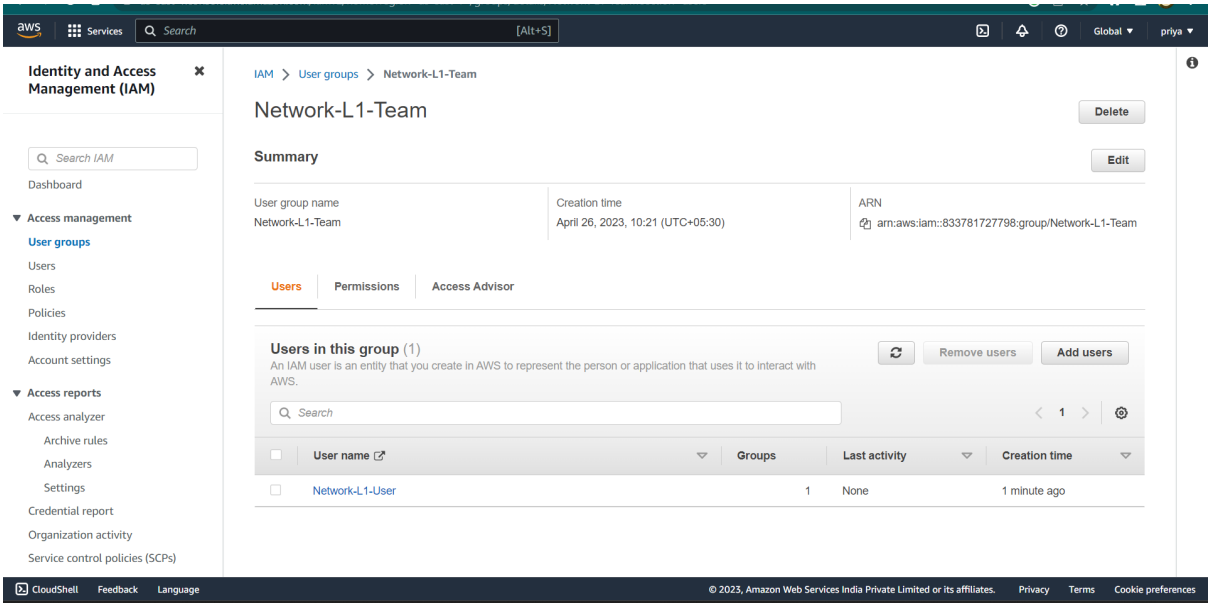
**Marks: 17**

Q2.

**Create an IAM group called 'Network-L1-Team' with 'AmazonVPCReadOnlyAccess' and 'AWSNetworkManagerReadOnlyAccess' policies, then add an IAM user called 'Network-L1-User1' to the group.**

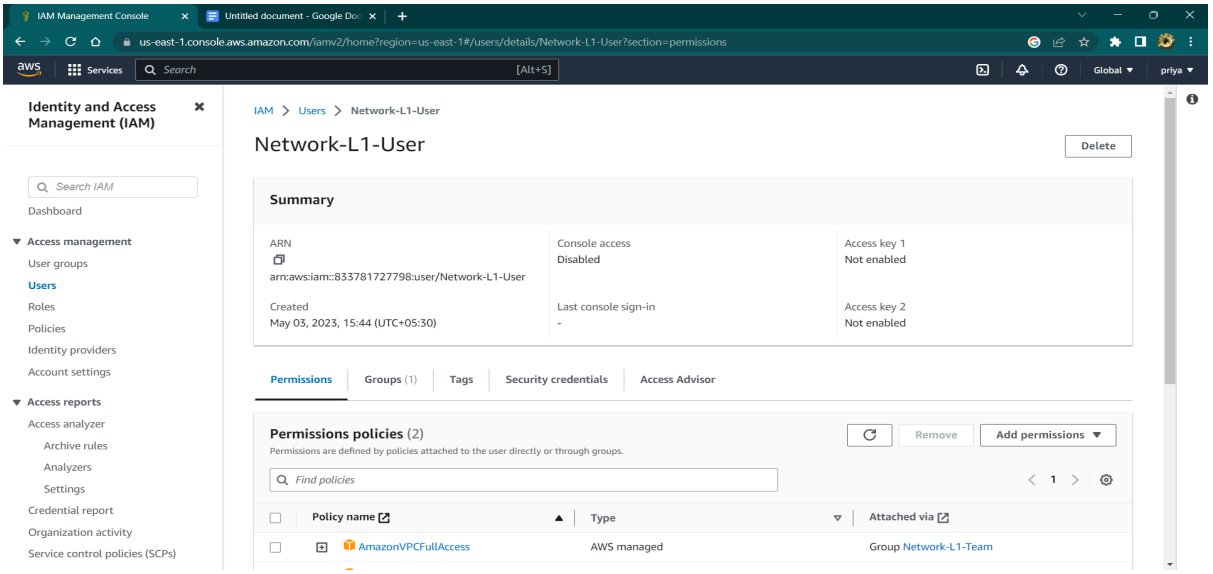
The name of the IAM group should be 'Network-L1-Team'.

**(4 Marks)**



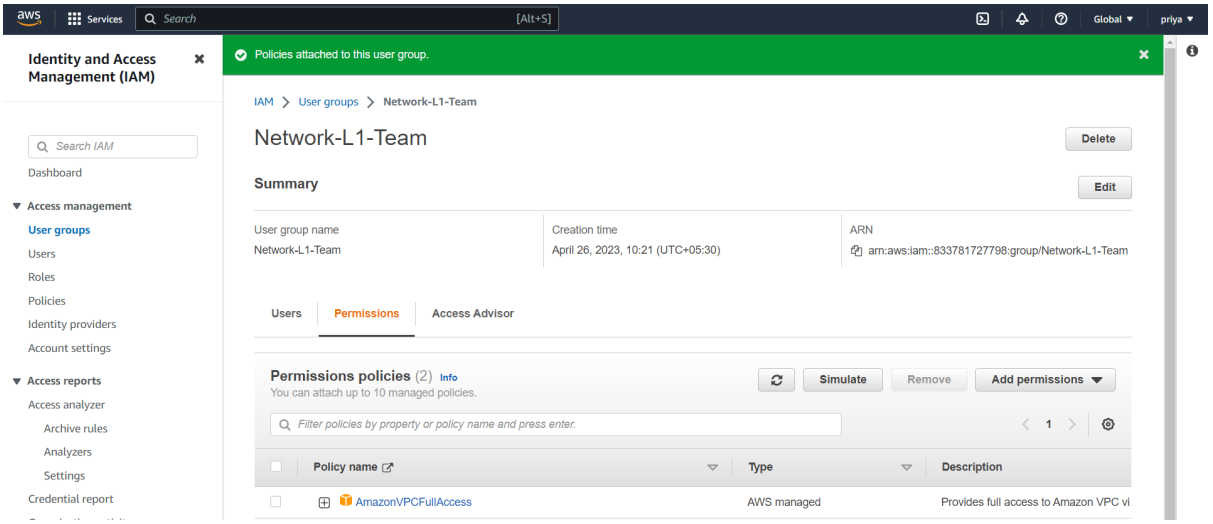
The name of the IAM user should be 'Network-L1-User1'.

**(4 Marks)**



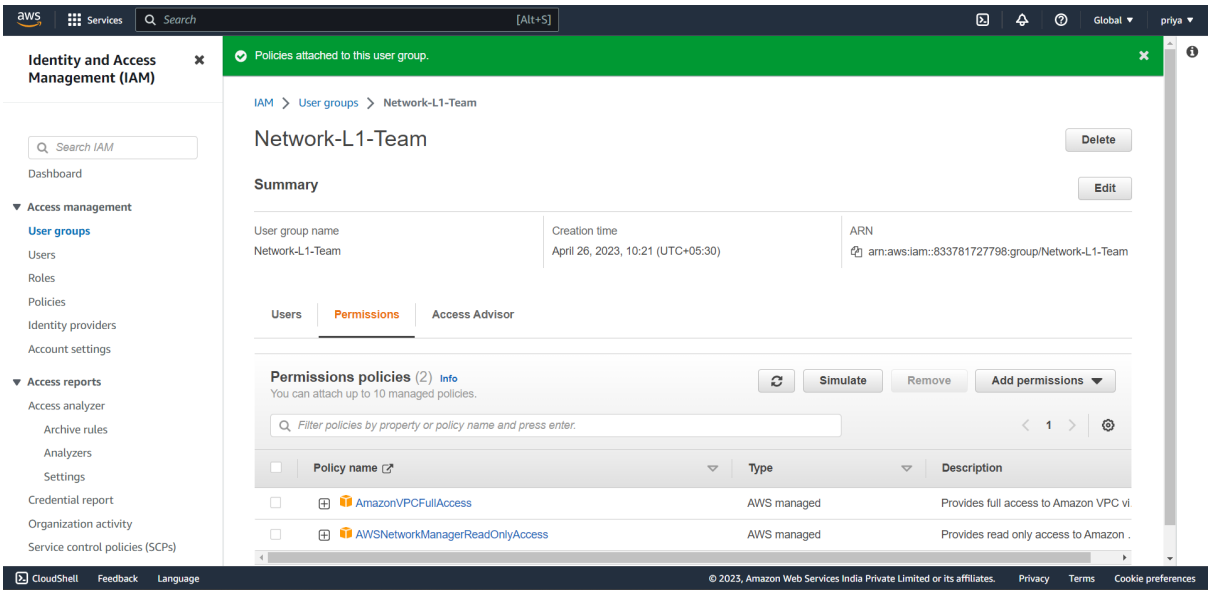
The 'AmazonVPCReadOnlyAccess' policy should be attached.

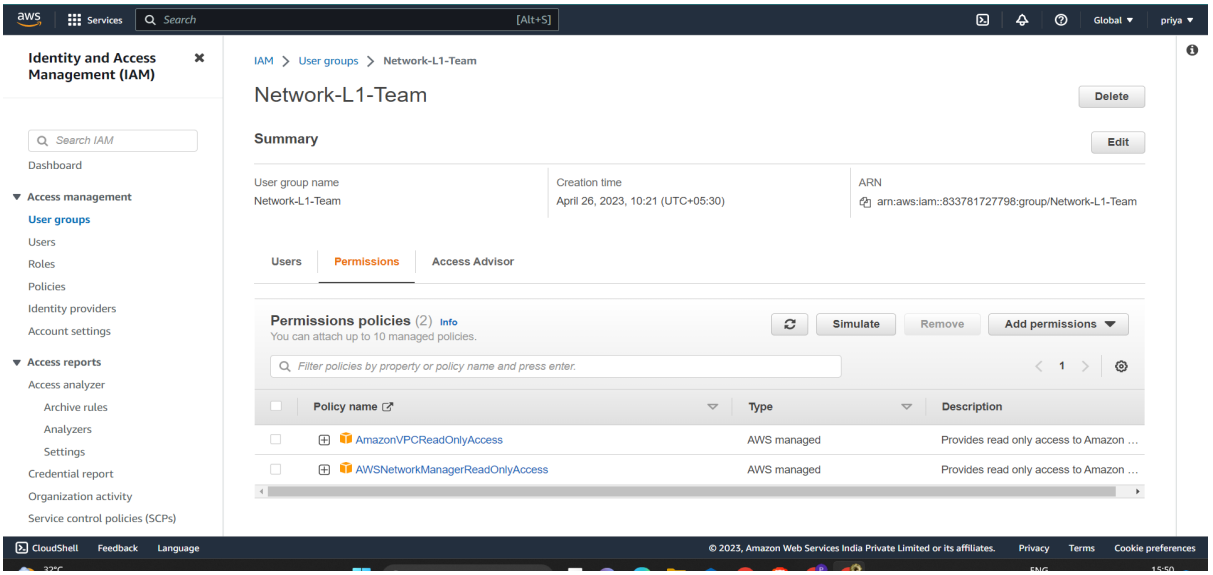
**(4 Marks)**




The 'AWSNetworkManagerReadOnlyAccess' policy should be attached.

**(5 Marks)**




aws
Services
Search
[Alt+S]
Global
priya
Identity and Access Management (IAM)
Search IAM
Dashboard
Access management
User groups
Users
Roles
Policies
Identity providers
Account settings
Access reports
Access analyzer
Archive rules
Analyzers
Settings
Credential report
Organization activity
Service control policies (SCPs)
IAM > User groups > Network-L1-Team
Network-L1-Team
Delete
Summary
Edit
User group name
Network-L1-Team
Creation time
April 26, 2023, 10:21 (UTC+05:30)
ARN
arn:aws:iam::833781727798:group/Network-L1-Team
Users
Permissions
Access Advisor
Permissions policies (2) Info
You can attach up to 10 managed policies.
Simulate
Remove
Add permissions
Filter policies by property or policy name and press enter.
1
Policy name
Type
Description
AmazonVPCReadOnlyAccess
AWS managed
Provides read only access to Amazon ...
AWSNetworkManagerReadOnlyAccess
AWS managed
Provides read only access to Amazon ...
CloudShell
Feedback
Language
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**Time: 30 minutes**

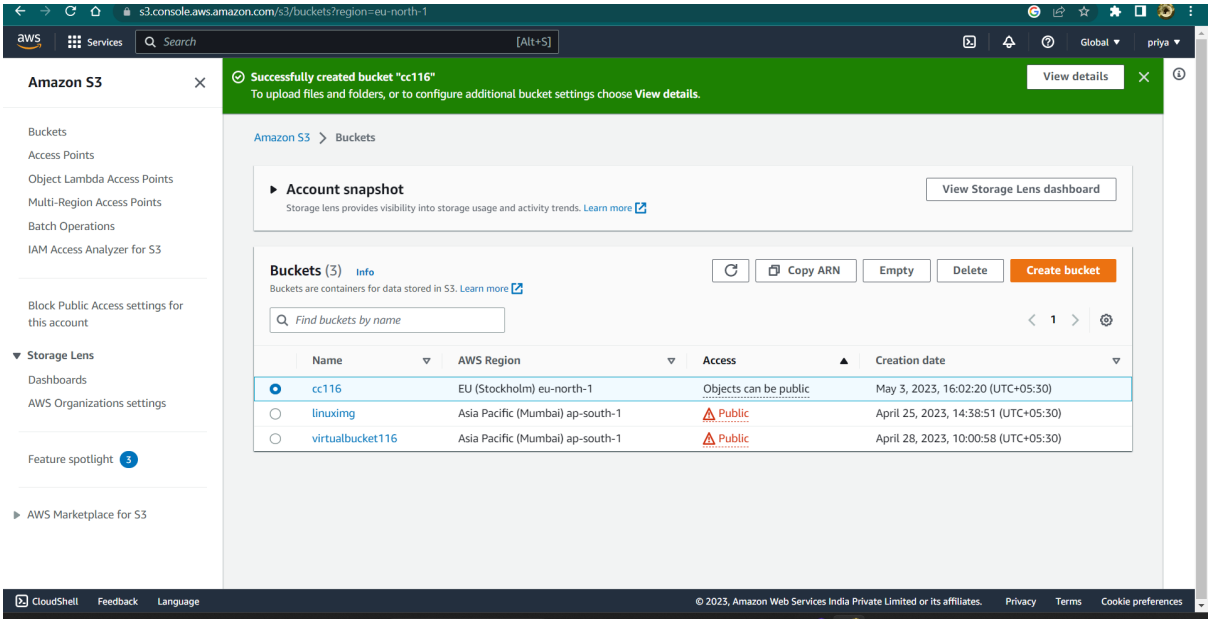
**Marks: 17**

Q3.

**Create a S3 bucket for the following requirements**

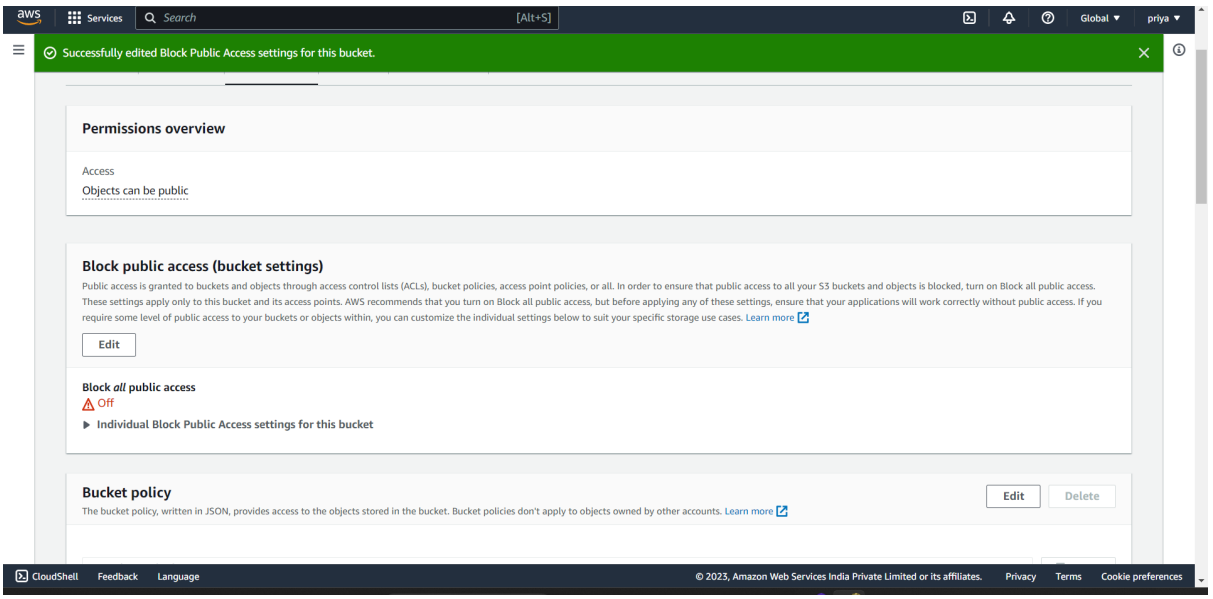
Create a new S3 bucket in the region of "Stockholm".

**(4 Marks)**



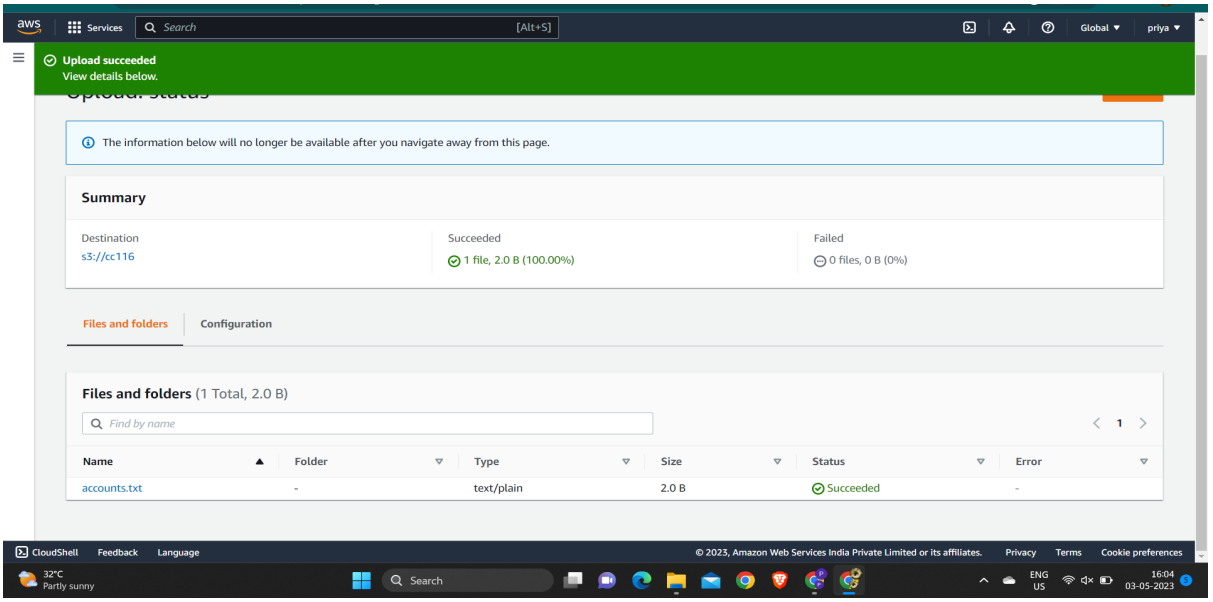

Make the bucket accessible to everyone(publicly) via Bucket ACL.

**(4 Marks)**




Upload a text file in the name of 'accounts.txt'.

**(5 Marks)**


Services
Search
[Alt+S]
Global
priya
Upload succeeded
View details below.
The information below will no longer be available after you navigate away from this page.
Summary
Destination
s3://cc116
Succeeded
1 file, 2.0 B (100.00%)
Failed
0 files, 0 B (0%)
Files and folders
Configuration
Files and folders (1 Total, 2.0 B)
Find by name
Name
Folder
Type
Size
Status
Error
accounts.txt
-
text/plain
2.0 B
Succeeded
-
CloudShell
Feedback
Language
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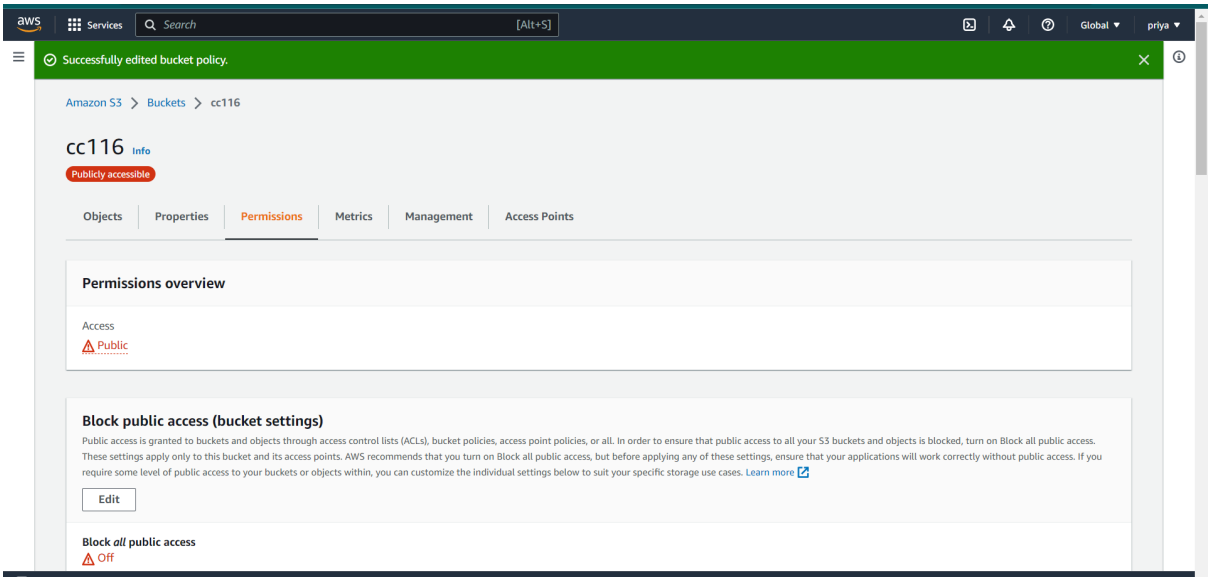
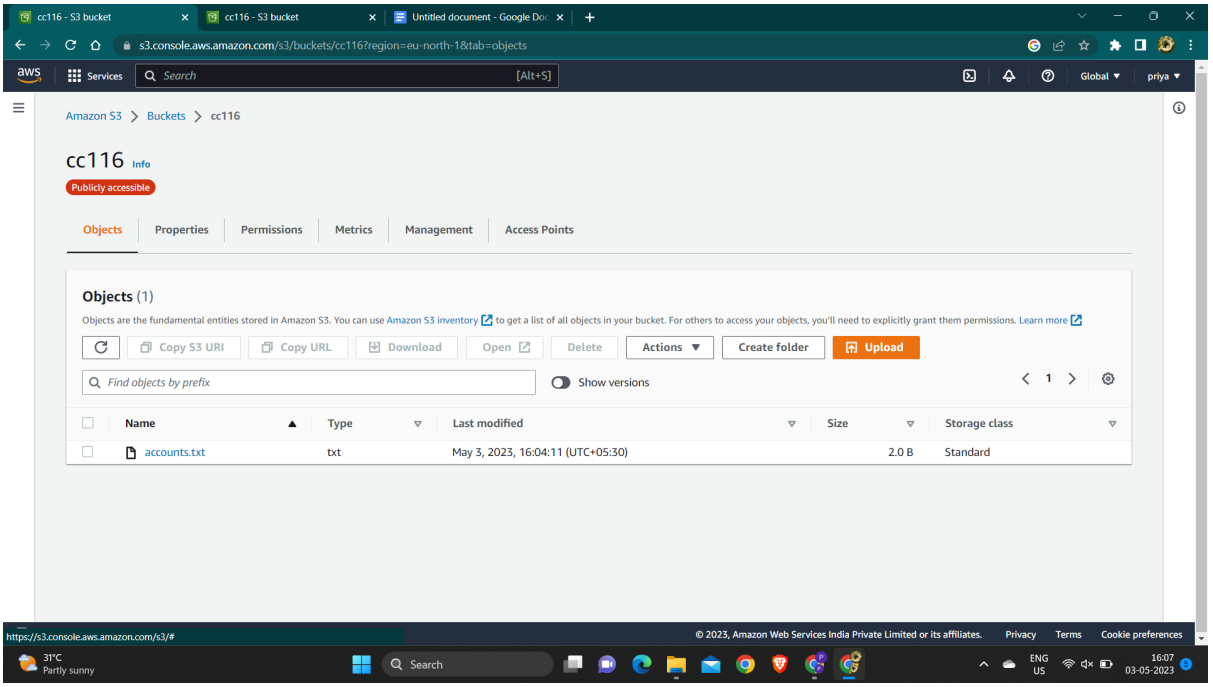
Privacy
Terms
Cookie preferences
32°C
Partly sunny
Search
ENG
US
16:04
03-05-2023


Services
Search
[Alt+S]
Global
priya
Successfully edited bucket policy.
Amazon S3
Buckets
cc116
cc116
Info
Publicly accessible
Objects
Properties
Permissions
Metrics
Management
Access Points
Permissions overview
Access
Public
Block public access (bucket settings)
Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to all your S3 buckets and objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to your buckets or objects within, you can customize the individual settings below to suit your specific storage use cases. Learn more
Edit
Block all public access
Off


cc116 - S3 bucket
cc116 - S3 bucket
Untitled document - Google Doc
s3.console.aws.amazon.com/s3/buckets/cc116?region=eu-north-1&tab=objects
aws
Services
Search
[Alt+S]
Global
priya
Amazon S3 > Buckets > cc116
cc116 Info
Publicly accessible
Objects
Properties
Permissions
Metrics
Management
Access Points
Objects (1)
Objects are the fundamental entities stored in Amazon S3. You can use Amazon S3 inventory to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. Learn more
Copy S3 URI
Copy URL
Download
Open
Delete
Actions
Create folder
Upload
Find objects by prefix
Show versions
1
Name
Type
Last modified
Size
Storage class
accounts.txt
txt
May 3, 2023, 16:04:11 (UTC+05:30)
2.0 B
Standard
https://s3.console.aws.amazon.com/s3/#
© 2023, Amazon Web Services India Private Limited or its affiliates.
Privacy
Terms
Cookie preferences
31°C
Partly sunny
Search
ENG
US
16:07
03-05-2023