

Qn.1

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

Name: ec2usecase1

Application and OS Images (Amazon Machine Image)

Search our full catalog including 1000s of application and OS images

AMI from catalog

Amazon Machine Image (AMI)
amzn2-ami-kernel-5.10-hvm-2.0.20230418.0-x86_64-gp2
ami-03c7d01cf4dedc891

Summary

Number of instances: 1

Software image (AMI)
Amazon Linux 2 AMI (HVM) - Ker...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 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 GB of snapshots, and 100 GB of bandwidth to the internet.

Launch instance

Key pair name - required

ec2usecase1

Network settings

Network: vpc-05db07d8dc4d1d234

Subnet: No preference (Default subnet in any availability zone)

Auto-assign public IP: Enable

Firewall (security groups)

Create security group

We'll create a new security group called 'launch-wizard-5' 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
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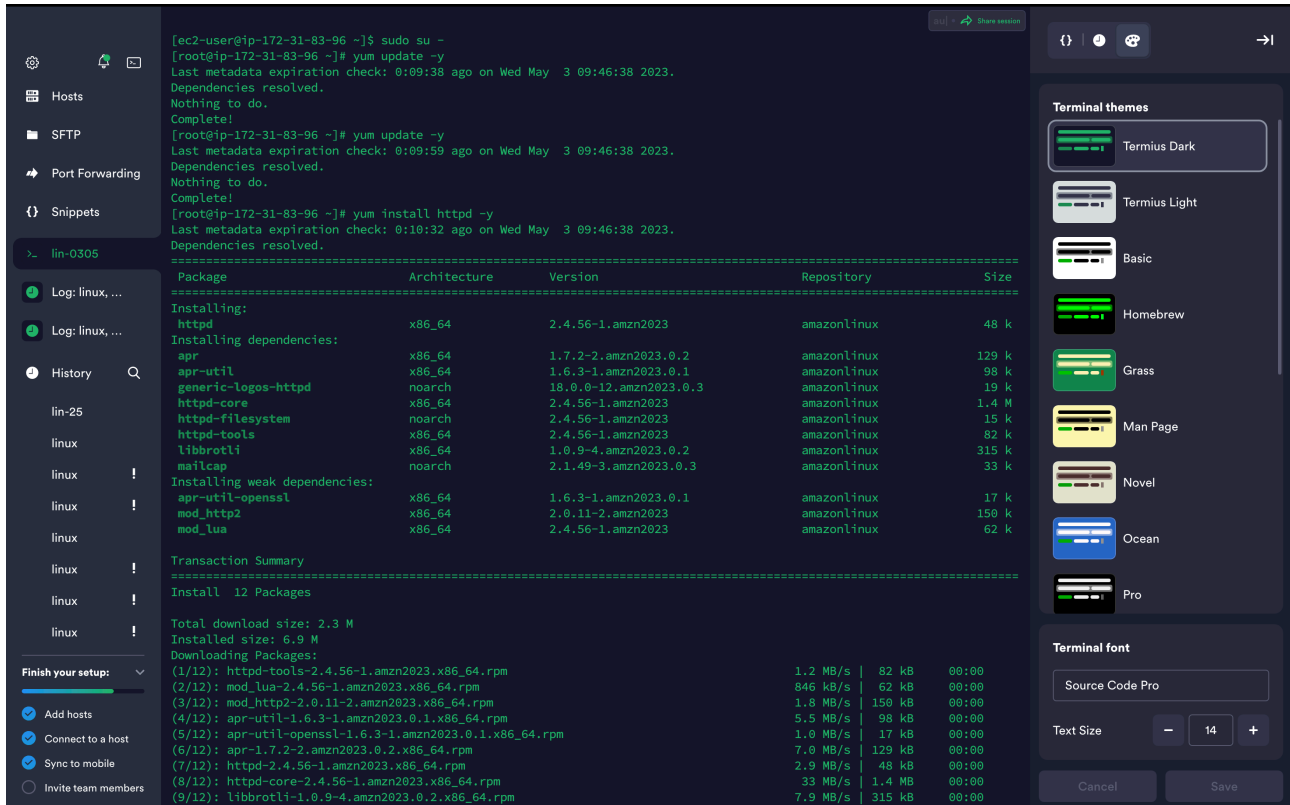
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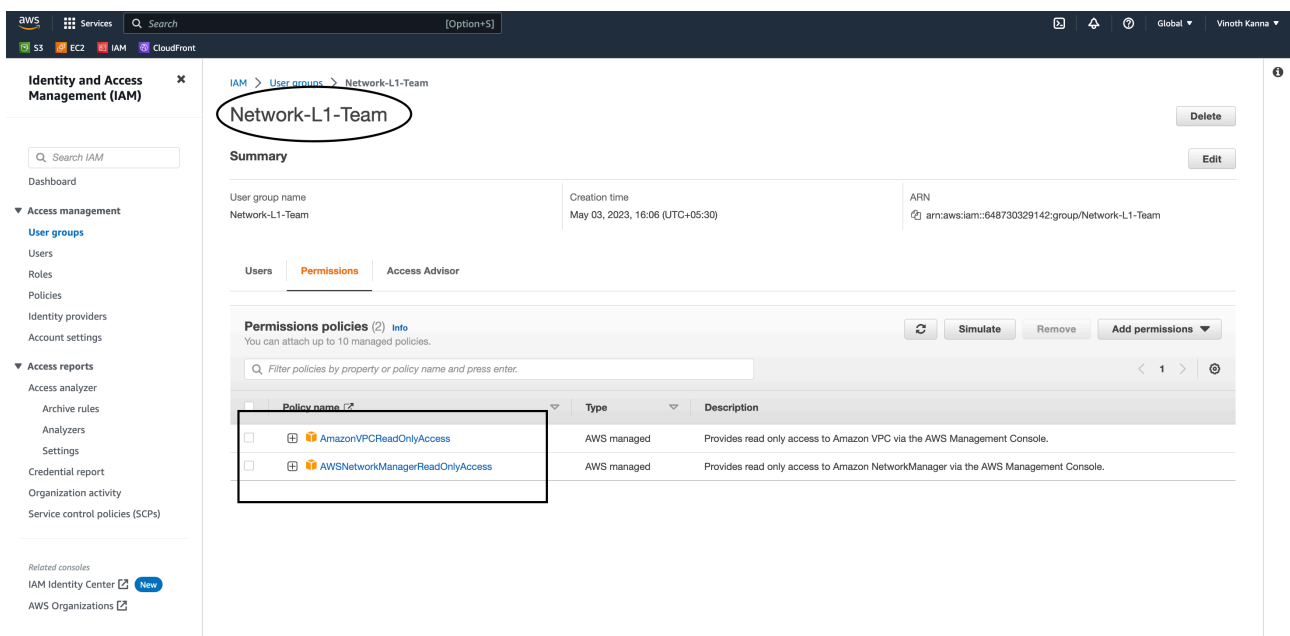
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Launch instance



Qn.2



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
- Analysers
- Settings
- Credential report
- Organization activity
- Service control policies (SCPs)

Related consoles

- IAM Identity Center [New](#)
- AWS Organizations [New](#)

IAM > Users > Network-L1-user1

Network-L1-user1 [Delete](#)

Summary

ARN arn:aws:iam::648730329142:user/Network-L1-user1	Console access Enabled without MFA	Access key 1 Not enabled
Created May 03, 2023, 16:10 (UTC+05:30)	Last console sign-in Never	Access key 2 Not enabled

Permissions Groups (1) Tags Security credentials Access Advisor

Permissions policies (2)

Permissions are defined by policies attached to the user directly or through groups.

Find policies

Policy name	Type	Attached via
<input type="checkbox"/> AmazonVPCReadOnlyAccess	AWS managed	Group Network-L1-Team
<input type="checkbox"/> AWSNetworkManagerReadOnlyAccess	AWS managed	Group Network-L1-Team

Permissions boundary (not set)

Set a permissions boundary to control the maximum permissions for this user. Use this advanced feature used to delegate permission management to others. [Learn more](#)

Qn.3

Amazon S3

Buckets

- Access Points
- Object Lambda Access Points
- Multi-Region Access Points
- Batch Operations
- IAM Access Analyzer for S3

Block Public Access settings for this account

Storage Lens

- Dashboards
- AWS Organizations settings

Feature spotlight [3](#)

AWS Marketplace for S3

Amazon S3 > Buckets

Account snapshot [View Storage Lens dashboard](#)

Storage lens provides visibility into storage usage and activity trends. [Learn more](#)

Buckets (1) [Copy ARN](#) [Empty](#) [Delete](#) [Create bucket](#)

Find buckets by name

Name	AWS Region	Access	Creation date
<input type="checkbox"/> cc1-bucket-0305	EU (Stockholm) eu-north-1	Objects can be public	May 3, 2023, 15:56:28 (UTC+05:30)

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 > ⚙

<input type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	accounts.txt	txt	May 3, 2023, 15:59:06 (UTC+05:30)	14.0 B	Standard

A screenshot of a web browser window. The address bar shows the URL 'cc1-bucket-0305.s3.eu-north-1.amazonaws.com/accounts.txt'. Below the address bar, there are several tabs: 'Gmail', 'YouTube', 'Maps', 'Code Studio', 'SKCET', and 'Problems - LeetC...'. The main content area of the browser is dark and displays the text 'Hello Everyone'.