



# Vidyavardhini's College of Engineering & Technology

Department of Computer Science and Engineering (Data Science)

**Course:** SBL: Cloud Computing

**Course code:** CSL605

**Year:** TE SEM: VI

Experiment No. 08

AIM:-To study and implement Identity and Access Management (IAM) practices on AWS

Name:

Roll Number:

Date of Performance:

Date of Submission:

## Evaluation

Performance Indicator	Max. Marks	Marks Obtained
Performance	5	
Understanding	5	
Journal work and timely submission.	10	
<b>Total</b>	<b>20</b>	

Performance Indicator	Exceed Expectations (EE)	Meet Expectations (ME)	Below Expectations (BE)
Performance	5	3	2
Understanding	5	3	2
Journal work and timely submission.	10	8	4

Checked by

**Name of Faculty** : Ichhanshu Jaiswal

**Signature** :

**Date** :



### Experiment No. 8

**Aim:** To study and implement Identity and Access Management (IAM) practices on AWS

**Theory:**

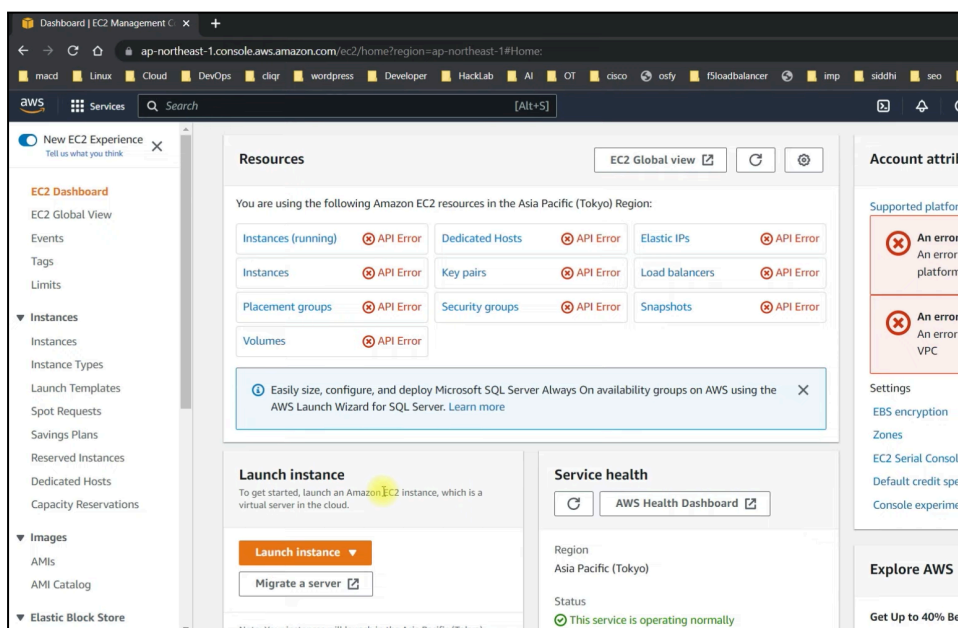
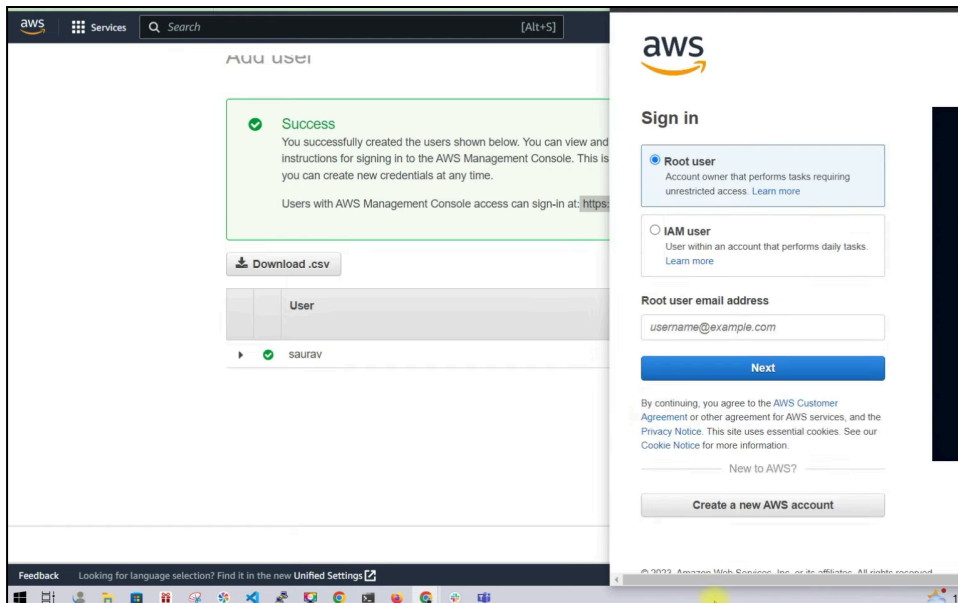
- Identity Management is a set of business processes, and a supporting infrastructure, for the creation, maintenance and use of digital identities.
- IAM is an essential function for protecting the privacy of information, enhancing user experience, enabling accountability, and controlling access to an organization's assets.
- IAM is the collection of processes and technology used to manage digital identities and the resource access provided through them.
- Components of access management
  - Establishing unique identities and associated authentication credentials.
  - Authoritative source is maintained as a central repository for storage.
  - Providing capability to identities to request entitlements
  - Assigning roles or entitlements to identities.
  - Managing off boarding and other business work processes by workflows
  - Providing capability to approve, revoke, review or certify entitlements or roles assigned to users.



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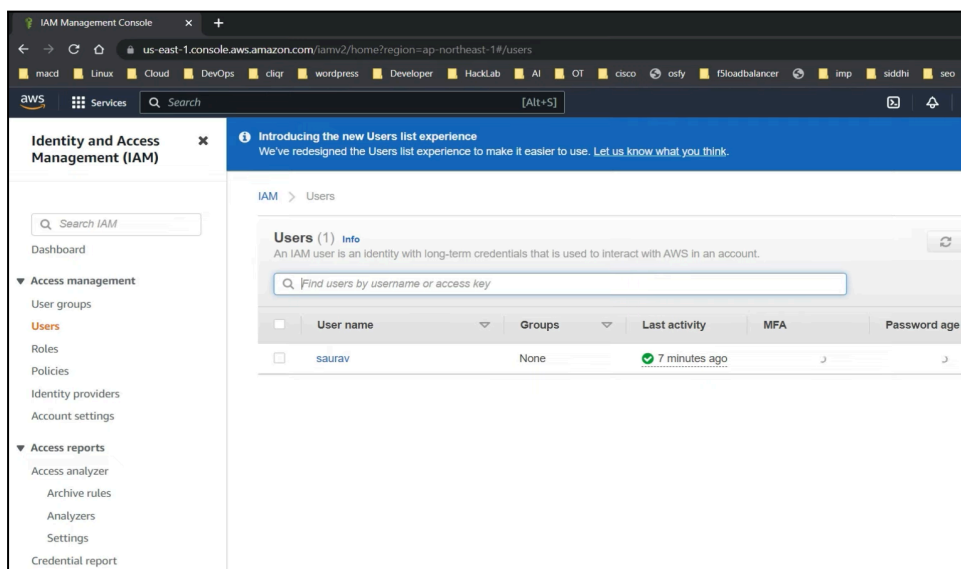
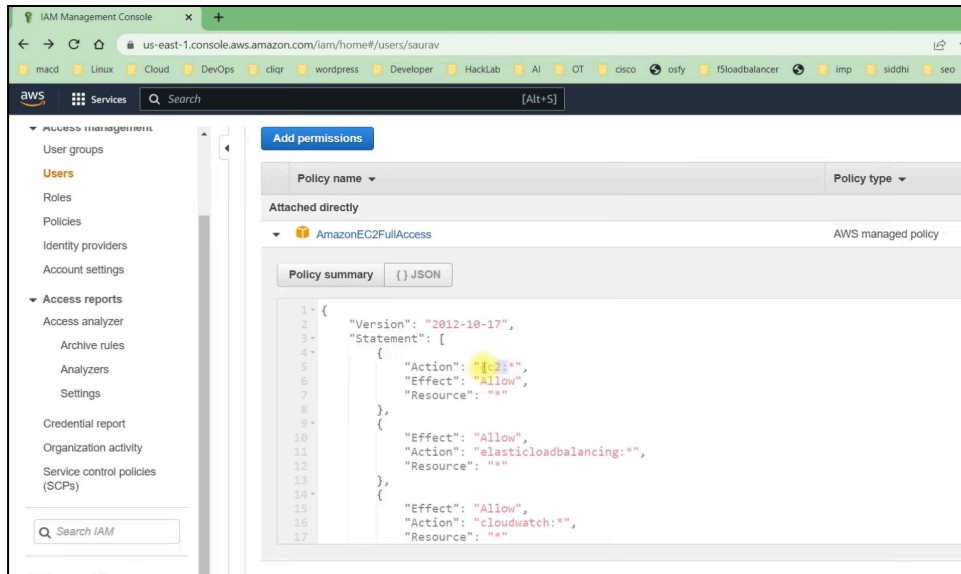
### Output:





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**Conclusion:** Comment on concept of users in IAM