

Building Software Systems

Lecture 3.2

Introduction to *AWS*

SAURABH SRIVASTAVA

ASSISTANT PROFESSOR

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

IIT (ISM) DHANBAD



What is AWS?

It is a Public Cloud Platform, arguably, the most popular among its peers

IaaS offerings:

- **Amazon EC2 (Elastic Compute Cloud)**: Scalable computing capacity allowing users to create virtual servers
- **Amazon S3 (Simple Storage Service)**: Object storage service offering scalability, security, and performance

PaaS offerings:

- **Amazon DynamoDB**: A fully managed NoSQL database service
- **Amazon RDS (Relational Database Service)**: A fully managed relational database service

SaaS offerings:

- **Amazon Simple Email Service (SES)**: An email service that enables developers to send mail from any application

Others (e.g., Function-as-a-Service) :

- **AWS Lambda**: A service to execute business logic with many possible integration options

Check out the Video Recording of the Lecture

<https://www.youtube.com/watch?v=zlJrt-6YY3w>