

Rajalakshmi Engineering College Chennai
Department of Computer Science and Engineering
WORKSHOP ON EMERGING HANDS ON SESSION ON
AWS IN CLOUD COMPUTING

Event coordinators: Miss Santhiya.M and Miss Jaeyalakshmi.M

With the support from The Principal, The Head of the Department, CSI and IEI Coordinators, The department of Computer Science and Engineering has organized a workshop on the title “AWS IN CLOUD COMPUTING”. It was a 3-day hands-on session from June 11, 2020 to June 13, 2020. The speaker Mr.S.SURESH KUMAR, Associate Professor from the department of Computer Science and Engineering handled the session with 127 participants including students, faculties and research scholars.

The main objective of the workshop was to enhance the skills on AWS services along with current research studies and challenges as well as practical experiences in the field. The first day was about the Introduction to AWS and cloud computing covering various domains such as the history, advantages etc. He clearly explained the AWS global infrastructures, core infrastructures and services. The second day covered the important aspects of AWS such as Foundational services such as Amazon Elastic compute (EC2), security in VPC, VPN connection etc. The last day of the workshop was totally about the storage services provided by AWS such as Amazon s3 and Amazon EBS.

He organized quizzes based on the topic covered to make the participants understand the concepts of the workshop even more. At the end of the 3-day workshop, we received a positive feedback from the participants concluding that the workshop indeed enhanced their skills in AWS services which was very much useful for their career as well as to their research papers. Upon completion of the workshop, e-certificates were awarded to the participants.

Finally, we thank our Management, The Principal, the Head of the Department and the IIC, IEI and CSI coordinators for supporting us in conducting the session in an excellent manner.

PHOTOS OF THE 3-DAY WORKSHOP



RAJALAKSHMI
ENGINEERING COLLEGE
An AUTONOMOUS Institution
Affiliated to ANNA UNIVERSITY, Chennai



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiative)

EMERGING HANDS-ON SESSION ON

AWS IN CLOUD COMPUTING

WORKSHOP

JUNE 11-13, 2020 | 10.00 AM TO 12.30 PM

SPEAKER

SCAN TO REGISTER



REGISTRATION IS FREE



S.SURESH KUMAR,
ASSOCIATE PROFESSOR,
COMPUTER SCIENCE & ENGINEERING,

ORGANISED BY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

REGISTER LINK

<https://forms.gle/KV248cgdGnn6ptg57>



Introduction to AWS and Cloud Computing

- Amazon History
- What is cloud computing?
- Amazon Web Services (AWS)
- AWS Core Infrastructure and Services
- AWS Advantages
- Amazon EC2 Container Service
- On-Demand Self Service & Broad Network Access
- AWS Global Infrastructure
- Achieving High Availability Using Multi-AZ
- At least 2 AZs per region
- AWS Customers

**DAY
1**

DAY

2

AWS Foundational Services

- Amazon Elastic Compute Cloud(EC2)
- Launching an Amazon EC2 Instance via the Management console
- Amazon Machine Image (AMI) Details
- Instances and AMIs
- Amazon EC2 Instances
- Instance Lifecycle
- Choosing the Right Amazon EC2 Instance
- Amazon VPC Example
- Security in Your VPC
- VPN Connection

Storage Services

- Amazon S3 and Amazon EBS
- Amazon S3 and Amazon EBS
- Amazon Simple Storage Service (S3)
- Common Use Scenarios
- Amazon S3 Concepts
- Object Keys
- Amazon S3 concepts
- Reboot vs Stop vs. Terminate

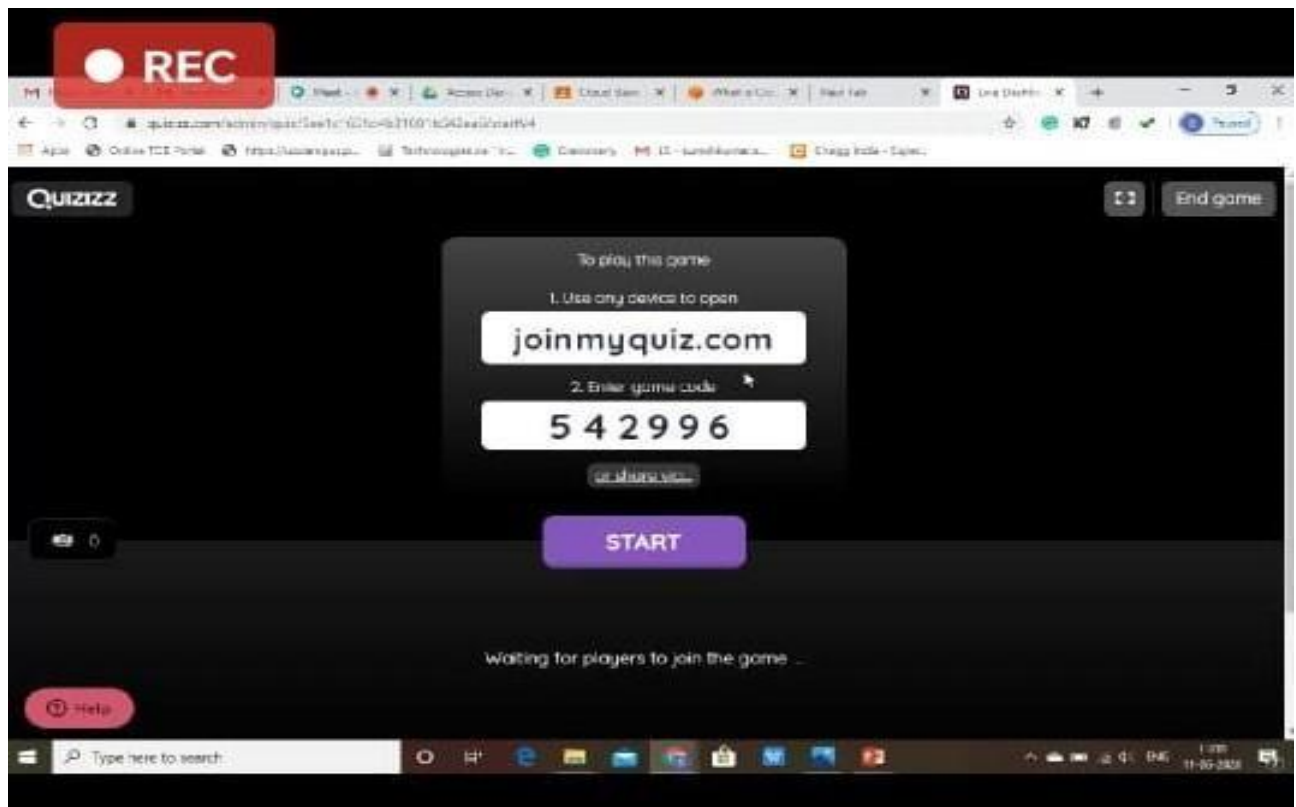
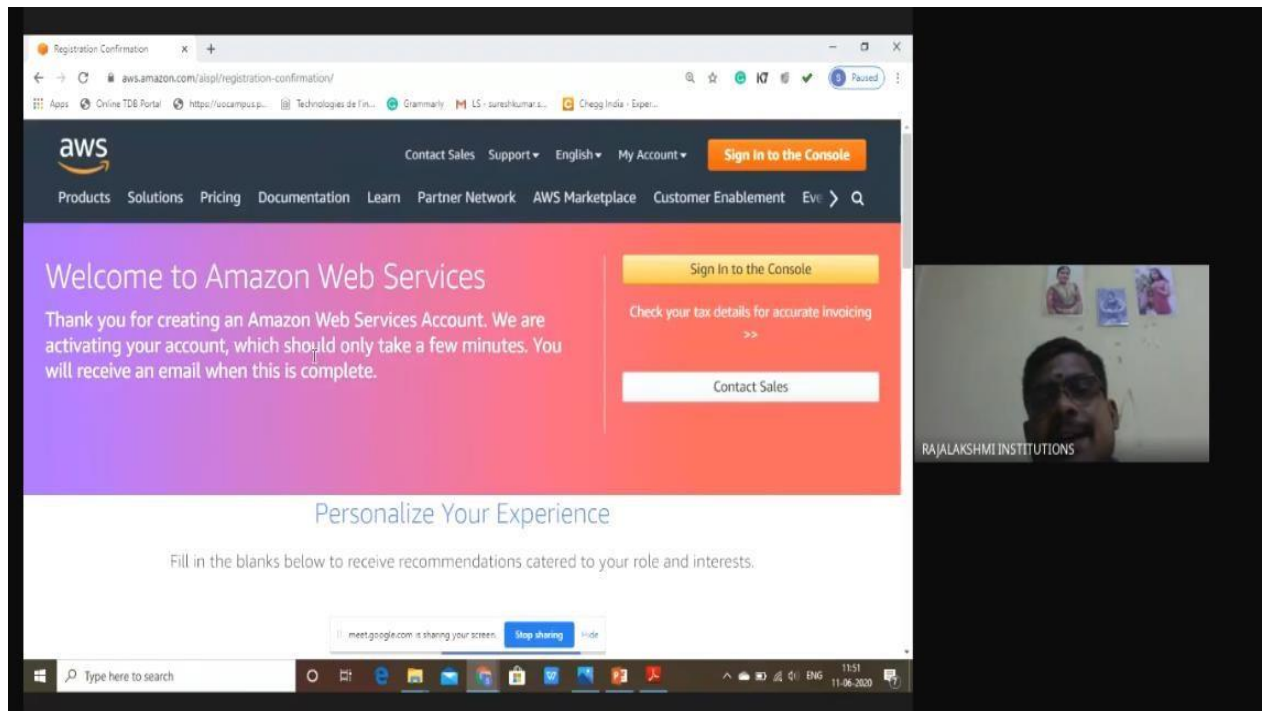
**DAY
3**

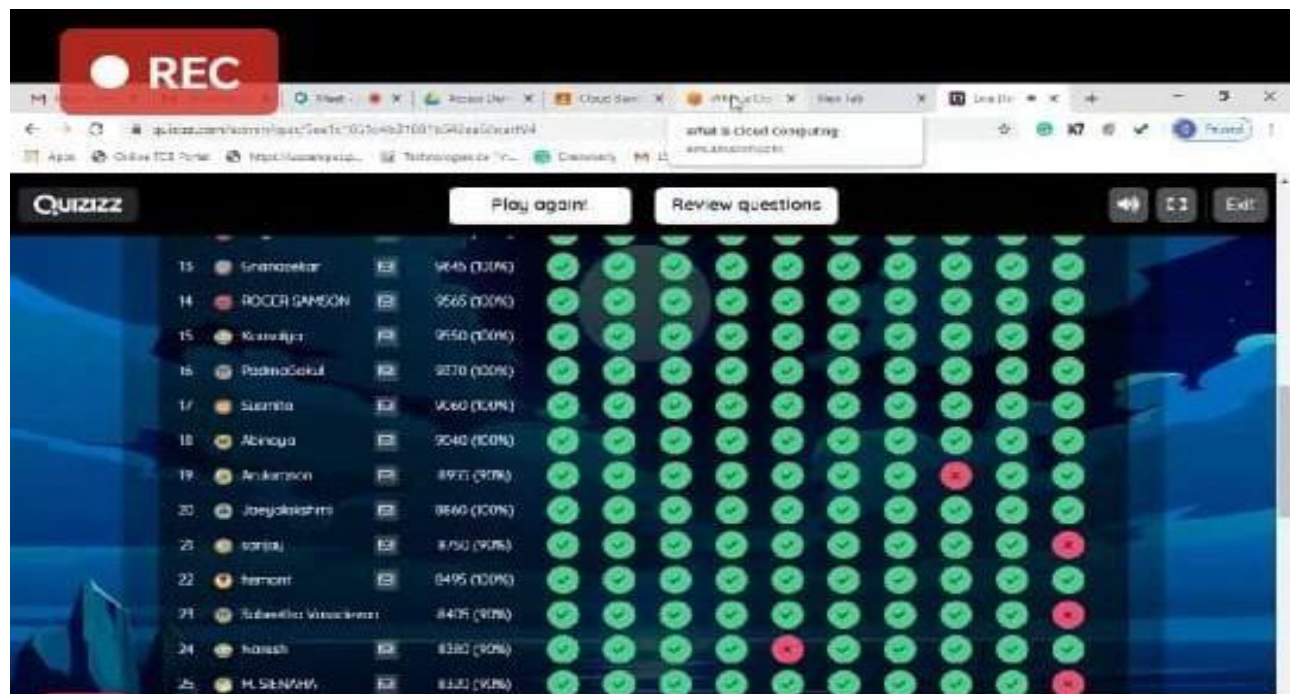
Virtualization in Cloud Computing

Cloud computing takes virtualization one step further:

- You don't need to own the hardware
- Resources are rented as needed from a cloud
- Various providers allow creating virtual servers:
 - Choose the OS and software each instance will have
 - The chosen OS will run on a large server farm
 - Can instantiate more virtual servers or shut down existing ones within minutes
- You get billed only for what you used







Feedback from the Participants



Participant List

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Attendance Report

Attendance day 1

Questions
Responses 121
Settings

121 responses

Not accepting responses

Message for respondents
This form will no longer accepting the attendance.

Summary
Question
Individual

Who has responded?

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Attendance day 2

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Send

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Questions

Responses90

Settings

90 responses

Not accepting responses

Message for respondents

This form is no longer accepting responses

Summary

Question

Individual

Who has responded?

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Attendance day 3

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Send

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R

Questions

Responses110

Settings

110 responses

Not accepting responses

Message for respondents

This form is no longer accepting responses

Summary

Question

Individual

Who has responded?

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Sample Certificate

