



SachTech  
Solution Pvt. Ltd.  
We Believe In Quality

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## WORKSHOP ON AWS

(Amazon Web Services)

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# amazon web services

**Amazon Web Services (AWS)** is a subsidiary of Amazon.com that provides on-demand cloud computing platforms to individuals, companies and governments, on a paid subscription basis. The technology allows subscribers to have at their disposal a virtual cluster of computers, available all the time, through the Internet. AWS's version of virtual computers emulate most of the attributes of a real computer including hardware (CPU(s) & GPU(s) for processing, local/RAM memory, hard-disk/SSD storage); a choice of operating systems; networking; and pre-loaded application software such as web servers, databases, CRM, etc. Each AWS system also virtualizes its console I/O (keyboard, display, and mouse), allowing AWS subscribers to connect to their AWS system using a modern browser. The browser acts as a window into the virtual computer, letting subscribers log-in, configure and use their virtual systems just as they would a real physical computer.

**The entire session will be covered in two parts**

- A. Theory Session:** Basic & Advanced
- B. Practical Session:** Basic & Advanced

## **Theory Session:**

- What is AWS?
- How it works?
- Why does we need AWS?

## **Practical Session:**

- A live demo of AWS Cloud.
- Create AWS account.
- How to access a machine on AWS.
- How to deploy web applications in AWS.
- Hosting own storage server on AWS.
- Launch Linux server on AWS.
- Launch a web development platform on AWS
- Build a website using cloud tools and deploy it.



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## Requirements:

- Projector.
- Internet Connectivity (with minimum speed 4 mbps).
- Computer labs with Internet connectivity for student's practical work

## Benefits to the students:

- Get Hands on Exposure to Industry Tools and Build Career in Cloud Computing
- Learn how to manage the resources on cloud
- Understand its necessity as its futuristic ready technology
- Exposure to the latest cloud platforms and tools
- Exposure about Amazon Web Services