



Cloud Technology, AWS Solution Architect (SAA-CO2)

This Cloud Technology, AWS Solution Architect (SAA-CO2) webinar was organized on the year of 2018-19. It Gives Idea about AWS Cloud value and implementation.

**Cloud Technology, AWS
Solution Architect (SAA-
CO2)**

**Centurion
UNIVERSITY**
*Shaping Lives...
Empowering Communities*

**12 November
2018**

**Centurion University of Technology and
Management**



Pre-requisites: Nil
 Course Type : Audit
 (Workshop)
 Duration : 30 Hours

Course Objectives:

- Understanding fundamentals of Cloud and its basic infrastructure
- Learn about account management , billing and pricing

Learning Outcomes:

- Explain AWS cloud values and Implement different policies using its services
- Analyze and manage billing and pricing used for the resources

Module	Contents	Duration
Module1	<ul style="list-style-type: none"> • Overview of Cloud Concepts and Billing • Overview of Cloud Computing, Advantages of the Cloud, Overview of AWS, AWS Organizations, Fundamentals of Pricing, Total Cost of Ownership, Simple Monthly Calculator, AWS Billing & Cost Management , Billing Dashboard, AWS Whitepapers & Documentations 	10 hours
Module2	Cloud Security AWS Global Infrastructure, AWS Management Console, AWS Services & Service Categories, AWS Shared Responsibility Model, Cloud Security, AWS Identity and Access Management, Securing Accounts, Securing Data, Working to Ensure Compliance.	10 hours
Module3	Networking and Content Delivery Networking Basics, Amazon Virtual Private Cloud, VPC Security, Build Your VPC and Launch a Web Server, Amazon Route53, Content Delivery Networks, Edge Location, Amazon CloudFront	10 hours
TOTAL		30 hours

Anita Patra



Dr. Anita Patra, Registrar, CUTM

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A REPORT ON
NAME OF THE PROGRAMME
CLOUD TECHNOLOGY AND AWS SOLUTION ARCHITECT
TOTAL NUMBER OF PARTICIPANTS: 70
ACADEMIC YEAR: 2018-19
Date:12.11.2018

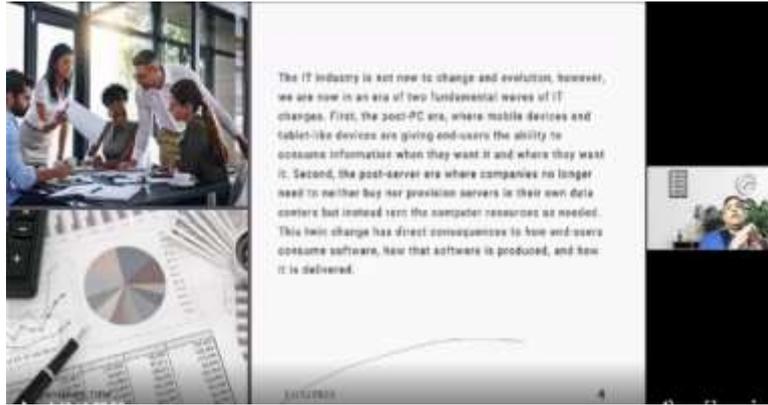
- Cloud computing technology gives users access to storage, files, software, and servers through their internet-connected devices: computers, smartphones, tablets, and wearables. Cloud computing providers store and process data in a location that's separate from end users.
- Dropbox, a file storage and sharing system are some examples.

USES OF CLOUD TECHNOLOGY

- Cloud computing
- Provides an easy way to access servers,
- Storage, databases and a full range of application services over the Internet
- Cloud providers operate and manage the network-attached hardware needed for these application services, providing and using the resources you need through a web application.

AWS SOLUTIONS

- An SA is the keeper of the AWS Well Architected Framework pillars, ensuring customers are following best practices, guidance, and recommendations to develop cloud solutions that are secure, resilient, efficient, and managed with operational excellence.
- Amazon Web Services, Inc. (AWS) is a subsidiary of Amazon that provides on-demand cloud computing platforms and APIs to individuals, companies, and governments, on a metered pay-as-you-go basis.
- AWS services are delivered to customers via a network of AWS server farms located throughout the world. Fees are based on a combination of usage (known as a "Pay-as-you-go" model), hardware, operating system, software, or networking features chosen by the subscriber required availability, redundancy, security, and service options.
- Subscribers can pay for a single virtual AWS computer, a dedicated physical computer, or clusters of either. Amazon provides select portions of security for subscribers (e.g. physical security of the data centres) while other aspects of security are the responsibility of the subscriber (e.g. account management, vulnerability scanning, patching).
- AWS operates from many global geographical regions including 6 in North America.



Overview of IT Industries on 12.11.2018

USES OF AWS SERVICES

- AWS is architected to be the most flexible and secure cloud computing environment available today. Our core infrastructure is built to satisfy the security requirements for the military,
- Global banks, and
- Other high-sensitivity organizations.

How do students use AWS?

Students and educators apply online at www.awseducate.com in order to access:

- 1.Grants for free usage of AWS services.
- 2.Labs, tutorials and training on AWS products.
- 3.Open-source course content provided by top professors and AWS.
- 4.Collaboration tools and a community of cloud experts.

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List of Participants
CLOUD TECHNOLOGY AND AWS SOLUTION
ARCHITECT

TOTAL NUMBER OF PARTICIPANTS: 70

S. No.	Name	Registration Number	Present/Absent
1	SANDEEP PRADHAN	170301140012	Present
2	BINAMRA BIKASH SWAIN	170301140013	Present
3	RUDRA PRATAP PADHI	170301140014	Present
4	SABYASACHI DALABEHERA	170301140016	Present
5	ANSHUMAN PATTNAIK	170301141019	Present
6	CHINMAY PADHI	160301140031	Present
7	ABISHEK NAYAK	160301141033	Present
8	RUDRA NARAYAN GIRI	170301150011	Present
9	MILAN PRUSTY	170301150012	Present
10	ABDUL RAZAK	170301150002	Present
11	RITWIK PARIJA	170301150003	Present
12	SIBANANDA DAS	170301150005	Present
13	SITARAM BEHERA	170301150020	Present
14	AYUSH KUMAR	170301150022	Present
15	NITYA RANJAN BAL	170301151023	Absent
16	SUDIP BANGAL	170301151024	Present
17	PRITAM KUMAR TRIPATHY	170301150014	Absent
18	SIDDHARTH MISHRA	170301150016	Present
19	ABHISEK MOHANTY	170301150017	Absent
20	DEEPSHIKHA NAYAK	170301150018	Present
21	AMIT KUMAR	170301150019	Present
22	SAGAR KUMAR MAJHI	170301150007	Present
23	UDDESH KUMAR PATI	170301150008	Present

24	AMIYA RANJAN THAKUR	170301150009	Present
25	DARSHIKA SAMAL	170301140017	Present
26	AMBIKESH PRASAD	170301140018	Present
27	ANSHUMAN PATTNAIK	170301141019	Present
28	RANJIT BHOOSHAN NAYAK	180301150001	Present
29	SOUMYARANJAN SAHOO	180301150007	Present
30	ASHISH KUMAR LENKA	180301150008	Present
31	SAGAR KUMAR RATH	180301150009	Present
32	G.SAI KRISHNA	180301150010	Present
33	B. ESWAR	180301150002	Present
34	BISWAJEET BHATT	180301150003	Present
35	CHANDAN SWARUP NAYAK	180301150004	Present
36	SATYABRATA BEHERA	180301150005	Present
37	PRIYANKA PRIYADARSINI LAHA	180301150006	Present
38	SOUMYA PRAKASH ACHARYA	170301120032	Present
39	RUDRAPRASAD MOHANTY	170301120035	Present
40	MANI PRASAD MISHRA	170301120036	Present
41	PRATYASHA SATAPATHY	170301120039	Present
42	SK INZAMAMUL HAQUE	170301120040	Present
43	SRITAM KUMAR NAYAK	170301120042	Present
44	ARUNJYOTI RAUT	170301120043	Present
45	SAINA PARWEEN	170301120046	Present
46	JYOTI PRAKASH ROUT	170301120048	Present
47	SUBASISH BEHERA	170301120049	Present
48	ASHUTOSH TRIPATHY	170301120050	Present
49	BISWAJIT PRADHAN	170301120051	Absent
50	ARYAMAN NAYAK	170301120052	Present
51	BHAGYASHREE MAHARANA	170301120023	Present
52	SURAJ KUMAR GUPTA	170301120024	Present
53	SATABDI JAYABRATA SAMAL	170301120027	Absent
54	DILLIP KUMAR BEHERA	170301120029	Present
55	CHINMAYA MISHRA	170301120031	Present

56	GOUTAM SAHU	170301120072	Present
57	SUBHAJIT MISHRA	170301120073	Present
58	SACHIDANANDA DIKHIT	170301120074	Present
59	DINESH DIPTI RANJAN BHUKTA	170301120075	Present
60	PRANGYAN PARAMITA DAS	170301120076	Absent
61	SIBASISH MOHANTY	170301120078	Present
62	RANI KUMARI	170301120088	Present
63	NILESH MAHATO	170301120090	Present
64	BISWAMOHAN SAHU	170301120093	Present
65	MANISHA BEHERA	170301120079	Present
66	TAPAS KUMAR BARIK	170301120080	Present
67	PRATEEK KUMAR KHATUA	170301120081	Present
68	KRUSHNA CHANDRA MAHAPATRA	170301120082	Present
69	ABHISHEK ROUT	170301120083	Present
70	DEBABRATA PRADHAN	170301120085	Present

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