

Online  
Programme



e-Programme on

# CLOUD SECURITY AND PRIVACY

Coordinator: **Dr. P. Syam Kumar**

**AUGUST 21 – 24, 2023** (Online Mode)



**Institute for Development and Research in Banking Technology**  
(Established by Reserve Bank of India)

Castle Hills, Road No. 1, Masab Tank, Hyderabad-57, India.

Phone: **+91-40-2329 4121 / 22 / 24 / 25**

Web: **[www.idrbt.ac.in](http://www.idrbt.ac.in)** E-mail: **[program@idrbt.ac.in](mailto:program@idrbt.ac.in)**

# e-Programme on **Cloud Security and Privacy** August 21 – 24, 2023

## **Introduction**

Cloud computing is a way of delivering IT enabled capabilities to users in the form of 'services' with elasticity and scalability, where users can make use of resources, platform, or software without having to possess and manage the underlying complexity of the technology. Cloud computing has attractive benefits including relief of the storage and computation burden, fine-grained data sharing, and cost savings in terms of hardware and software, etc. Although the benefits of cloud computing are tremendous, there are security and privacy challenges in cloud computing environment. Thus, Security and privacy issues have severely delayed the practical adoption of cloud technologies. The Banking and the financial sectors also relatively slow in adopting the cloud due to security and privacy concerns. Hence, banks need to understand cloud-computing technologies, security and privacy issues and responsibilities of cloud service provider and users before adopting cloud.

## **Objective**

This program discuss the different security and privacy issues in cloud computing and provides the best practices on the use of cloud services for Banks

## **Contents**

- Security Threats in cloud computing
- Virtualization Security
- Infrastructure Security
- Data Security and privacy
- Application Security
- Identity Access Management(IAM)
- Shared Security Responsibility

## **Mode of Teaching**

Online teaching plus learning inputs through reading material, videos, webinars, assignments, quizzes, online interactions and clarifications. The e-Programme will have four live webinars and self-study course material will be made available during the course.

## **Who Can Participate?**

Officials working in IT implementation team and security management team at Banks and Financial Institutions.

## **End Use:**

At the end of this program, the participants gain the knowledge on cloud computing security and privacy issues and solutions. They can also evaluate the security of cloud service providers before adopting cloud in banks.

## **Programme Coordinator:**

**Dr. P. Syam Kumar**, Assistant Professor, IDRBT; e-mail: [psyamkumar@idrbt.ac.in](mailto:psyamkumar@idrbt.ac.in)

## **Fees:**

### **For Indian Participants**

- RRBs & Coop Banks: Rs. 14,750/- (Rs. 12,500/- + 18% GST)
- All Other Banks & Financial Institutions: Rs. 17,700/- (Rs. 15,000/- + 18% GST)

### **For International participants**

- US \$ 220 (per participant, All inclusive)

## **Discount**

For every 12 nominations from a bank, the Institute will offer a fee discount for two participants, i.e., we will be charging for 10 participants and 12 participants can be trained.

## **Bank Account Details for Remittance of Fees**

The fees for this e-programme can be remitted to the following accounts:

### **For Indian Participants**

Account Name	:	IDRBT
Bank & Branch	:	Axis Bank Limited, Humayun Nagar, Mehdiapatnam, Hyderabad
Account No.	:	426010100018823
MICR Code	:	500211012
IFSC Code	:	UTIB0000426

### **For International participants**

Receiver's Correspondent Bank	:	JP Morgan Chase, New York, USA
Swift Code	:	CHASUS33XXX
Fed Wire Routing Number	:	ABA 021000021
Beneficiary Bank & Branch	:	Axis Bank Ltd., Mumbai, India
Account Number	:	0011407376
Beneficiary Bank Swift Code	:	AXISINBB

### **Ultimate Beneficiary**

Account Name	:	IDRBT
Customer ID	:	030021632
Account No.	:	426010100018823
Bank & Branch	:	Axis Bank Ltd., Jubilee Hills, Hyderabad, India. (AXISINBB030)

## **Nominations**

Banks may nominate any number of participants to these e-Programmes, which may be accepted on a first-cum-first-served basis. While nominating, please provide the details of the participants (Name, Designation, Bank, Mobile No/Phone No, email address, fees billing address, GST No. of the Bank).

Apart from nominations by banks, staff members of banks can self-nominate themselves for these e-Programmes by providing their employee credentials and paying the programme fee latest by **AUGUST 18, 2023**.

## **How to Register**

The nominations for these e-Programmes, and queries if any, may please be sent to [eprogram@idrbt.ac.in](mailto:eprogram@idrbt.ac.in). Please visit <https://www.idrbt.ac.in/e-programmes> for more details about these programmes.

### **e-Programmes in August 2023**

S. No.	Name of the e-Programme	Date	e-Programme Coordinator	Last Date for Nomination
1	Security and Privacy Issues in Machine Learning	08 – 11	Dr. Rajarshi Pal	<b>August 07, 2023</b>
2	Cloud Security and Privacy	21 – 24	Dr. P. Syam Kumar	<b>August 18, 2023</b>
3	Secure Financial Infrastructure	28 – 31	Dr. Susmita Mandal	<b>August 25, 2023</b>
4	Emerging AI/ML Technologies for Smart Banking	28 – 31	Dr. Mridula Verma	<b>August 25, 2023</b>

\*\*\*\*\*