



Institute for Development and Research in Banking Technology

(Established by Reserve Bank of India)

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

e-Programme on

SECURITY IN CLOUD COMPUTING

December 14 – 17, 2021

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 many new security 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 issues and responsibilities of cloud service provider and users before adopting cloud.

Objective

This program discusses the different security issues in cloud computing and provides the security guidance on the use of cloud services for banks

Contents

- Security Issues in cloud computing
- Infrastructure Security
- Virtualization Security
- Data Security and privacy
- Application Security
- Identity Access Management(IAM)
- Governance and Risk Management
- Compliance and Audit Management

Mode of Teaching

Online teaching plus learning inputs through reading material, videos, webinars, assignments, quizzes, online interactions and clarifications. Each e-Programme will have four live webinars and course material will be made available in advance for study.

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 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

Fees:

For Indian Participants

- RRBs & Coop Banks: Rs. 8,850/-(Rs. 7,500/- + 18% GST)
- All Other Banks & FI's: Rs. 11,800/-(Rs. 10,000/- + 18% GST)

For International participants

- US \$ 175 (per participant, All inclusive)

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 **December 13, 2021**.

How to Register

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

e-Programmes in December 2021

S. No.	Name of the e-Programme	Date	e-Programme Coordinator	Last Date for Nomination
1	Re-imagining Customer Engagement with Conversational Chatbots	06 – 09	Dr. Mridula Verma	Dec 03, 2021
2	Awareness on Payment Systems Vision 2021	06 – 09	Dr. N.V.Narendra Kumar	Dec 03, 2021
3	Explainable AI/ML for Banking	06 – 09	Dr. V. Ravi	Dec 03, 2021
4	Introduction to Hardware Security for Banks	07 – 10	Dr. Dipanjan Roy	Dec 06, 2021
5	Technologies for Financial Inclusion	14 – 17	Dr. M. V. N. K. Prasad	Dec 13, 2021
6	Security in Cloud Computing	14 – 17	Dr. P. Syam Kumar	Dec 13, 2021
7	Workshop on Registration Authority Operations	20 – 23	Dr. N. P. Dhavale	Dec 17, 2021
8	Privacy and Security Risks in Machine Learning	21 – 24	Dr. Rajarshi Pal	Dec 20, 2021
9	Targeted Attacks - Detecting in early stages	21 – 24	Dr. B. M. Mehtre	Dec 20, 2021
10	API Development	27 – 30	Dr. V. Radha	Dec 24, 2021
11	Basics of IT Vendor Management	28 – 31	Dr. Abhishek Thakur	Dec 27, 2021