



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

INTRODUCTION TO SECURITY IN CLOUD COMPUTING

July 28 - 31, 2020

Introduction

Cloud computing describes highly scalable computing resources provided as an external service via the internet on a pay-as-you-go model. 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 in banking sector. Hence, banks need to understand cloud-computing technologies, security issues and responsibilities of cloud service provider and consumers before adopting cloud.

Objective

This program provides a security issues for banks on the use of cloud services and how to address different security issues in cloud computing.

Contents

- Security Issues in cloud computing
- Privacy-Preserving
- Data Access control
- Virtualization security
- Search over Encrypted Data
- Data storage Security in cloud
- Governance and Risk management
- Compliance and Audit management
- Application Security
- Authentication and Authorization
- Blockchain based Fair Payments in Cloud computing
- Big Data security in cloud

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 bankers gain the knowledge of cloud computing security issues and solutions. The Bankers 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 **July 27, 2020**.

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.
