e-Programme on
CLOUD SECURITY AND PRIVACY

Coordinator: Dr. P. Syam Kumar

MARCH 04 – 07, 2024 (Online Mode)

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

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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 discusses 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

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)

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, Mehdipatnam, 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 **MARCH 01, 2024**.

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/e-programmes* for more details about these programmes.

e-Programmes in March 2024

S. No.	Name of the e-Programme	Date	e-Programme Coordinator	Last Date for Nomination
1	Cloud Security and Privacy	04 – 07	Dr. P. Syam Kumar	**Mar 01, 2024**
2	Zero Day Threats and Mitigations	04 – 07	Dr. B. M. Mehtre	**Mar 01, 2024**
3	Role of Micro Services in Developing Scalable Applications	11 – 14	Dr. V. Radha	**Mar 08, 2024**
4	Special Awareness Programme on Cyber Security	11 – 14	Dr. Rajarshi Pal	**Mar 08, 2024**

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