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

VIRTUALIZATION AND CLOUD COMPUTING
JUNE 22 - 25, 2021

Introduction

Virtualization technologies constitute a key enabling factor for flexible resource management in modern data centres. Various virtualization technologies contribute to the overall picture in different ways: server, storage etc. By using virtualization, Banks can save on escalating IT costs and improve the utilization of modern computer technology as virtualization provides relief by fundamentally changing the way IT resources managed and deployed.

Cloud computing provides flexible resource allocation on demand with the promise of realizing elastic, Internet-accessible, computing on a pay-as-you-go basis. Cloud offers or, rather, promises numerous benefits from both the technology perspective such as increased availability, flexibility, and functionality, and business perspective such as reduced capital and operational expenditure, and shorter turnaround times for new services and applications.

Hence, it is import for banks to learn virtualization, cloud computing technologies for adopting in banking sector.

Objectives

This program provides Theoretical and Practical experience on Virtualization & Cloud computing technologies for banks officials. This program also helps to you learn how to adopt these technologies in banking sector.

Contents

- Basics Virtualization
- Hypervisor tools
- Different types of Virtualization
- Containers
- Hands on Virtualization and containers
- Overview of Cloud Computing
- Cloud Delivery and Deployment Models
- Cloud Migration Strategies
- Open source Software's for Cloud computing
- Hands on Private cloud

Mode of Teaching

The program will have four live webinars. One webinar will be held at each day of the program. Duration of each webinar will be one hour. Additional study materials will be made available in the form of text and video lectures. Participants can go through those materials offline.

Who Can Participate?

Officials working in IT implementation team and security management team at banks.

End Use:

The end of this program, the bankers become masters in using virtualization and cloud computing technologies. The Bankers can able to adopt these emerging technologies in their banks.

Programme Coordinator:

Dr. P. Syam Kumar, Assistant Professor, IDRBT;

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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, 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 **JUNE 21, 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*.*

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e-Programmes in JUNE 2021

S. No.	Name of the e-Programme	Date	e-Programme Coordinator	Last Date for Nomination
1	Technologies for Financial Inclusion	01 - 04	Dr. M. V. N. K. Prasad	**May 31, 2021**
2	RBI Guidelines on Cyber Security	01 – 04	Dr. Dipanjan Roy	**May 31, 2021**
3	Workshop on RA Operations	08 – 11	Dr. N. P. Dhavale	**Jun 07, 2021**
4	API Development	08 – 11	Dr. V. Radha	**Jun 07, 2021**
5	AI/ML and Data Science in Banking	15 – 18	Dr. V. Ravi	**Jun 14, 2021**
6	Privacy and Security Risks in Machine Learning	15 – 18	Dr. Rajarshi Pal	**Jun 14, 2021**
7	5G and Internet of Things for Banks	21 – 24	Dr. V.N. Sastry	**Jun 20, 2021**
8	Virtualization and Cloud Computing	22 – 25	Dr. P. Syam Kumar	**Jun 21, 2021**
9	Insider Threats – Monitoring, Analysis and Detection	22 – 25	Dr. B. M. Mehtre	**Jun 21, 2021**
10	Re-imagining Customer Engagement with Conversational Chatbots	June 29 – July 02	Dr. Rajarshi Pal	**Jun 28, 2021**
11	Re-envisioning Digital Banking Systems	June 29 – July 02	Dr. Susmita Mandal	**Jun 28, 2021**