



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 VIRTUALIZATION AND CLOUD COMPUTING

December 21 - 24, 2020

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
- Overview of Cloud Computing
- Cloud Delivery and Deployment Models
- Cloud Adoption Strategies
- Open source Software's for Cloud computing
- Hands on Private 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.

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; 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 20, 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.

e-Programmes in December 2020

S. No.	Name of the e-Programme	Date	e-Programme Coordinator	Last Date for Nomination
1	Introduction to Doorstep Banking	01 - 04	Dr. M. V. N. K. Prasad	Nov 30, 2020
2	Fundamentals of Banking Malware	01 – 04	Dr. Dipanjan Roy	Nov 30, 2020
3	Secure Coding Practices	08 – 11	Dr. V. Radha	Dec 07, 2020
4	5G and Internet of Things (IoT) for Banks	08 – 11	Dr. V. N. Sastry	Dec 07, 2020
5	Fundamentals of Open Source Technologies	14 – 17	Dr. Mridula Verma	Dec 13, 2020
6	Basics of Software Defined Networks	15 – 18	Dr. N. P. Dhavale	Dec 14, 2020
7	Wireshark for Security Professionals	15 – 18	Dr. Rajarshi Pal	Dec 14, 2020
8	Introduction to Virtualization and Cloud Computing	21 – 24	Dr. P. Syam Kumar	Dec 20, 2020
9	Threats to Digital Payment Ecosystem	28 – 31	Dr. Susmita Mandal	Dec 27, 2020
10	Digital Forensics for Cyber Defence – A Proactive Approach	28 – 31	Dr. B. M. Mehtre	Dec 27, 2020