Virtualization Technologies in Cloud Computing

Coordinator: Dr. P. Syam Kumar

JANUARY 22 – 24, 2018

Other Programmes Scheduled in January 2018

S. No.	Programme	Date	Coordinator
1.	Secure Coding Practices	01 – 05	Dr. V. Radha
2.	Data Warehousing and Reporting	08 – 10	Dr. Nagesh B. Sristy
3.	Banking Technologies	08 – 12	Dr. Rajarshi Pal
4.	IT Operational Risk Management	08 – 10	Dr. N. P. Dhavale
5.	IT Vendor Management	22 – 24	Dr. G. R. Gangadharan
6.	Building Blocks of SOA (XML, JSON, REST, Web Services, etc.)	Jan 29 – Feb 02	Dr. Rajarshi Pal
7.	Data Centre Management	Jan 31 – Feb 02	Dr. G. R. Gangadharan

Please visit our website for more details on programmes at : **www.idrbt.ac.in/upcoming.html**

Bank Account Details for Remittance of Fees

Account Name	:	IDRBT
Bank	:	Axis Bank Limited
Branch	:	Humayun Nagar (Mehdipatnam Ring Road) Branch, Hyderabad
Account Number	:	426010100018823
IFSC Code	:	UTIB0000426
GSTIN	:	36AAAAI0204K1Z4.

Programme Office

Please contact our Programme Office for organizing Customized Programmes and/or any other queries related to programmes:

Dr. M. V. Sivakumaran
Faculty and Coordinator - EEDP

Mr. K. Srinivas
Administrative Executive

Institute for Development and Research in Banking Technology
Castle Hills, Road No. 1, Masab Tank, Hyderabad - 500 057, India.
Phone: +91-40-2329 4121 Fax: +91-40-2329 4123
Web: www.idrbt.ac.in E-mail: program@idrbt.ac.in

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

Virtualization Technologies in Cloud Computing
January 22 – 24, 2018

Coordinator: Dr. P. Syam Kumar, Assistant Professor, IDRBT

e-mail: *psyamkumar@idrbt.ac.in*

Introduction

Virtualization technologies constitute a key enabling factor for flexible resource management in modern data centres, and particularly in cloud environments. Virtualization can increase automation system agility, flexibility, and scalability with significant cost savings. Virtualization enables centralized management, minimizes or eliminates downtime, reduces development time, and increases overall system efficiency. Cloud providers need to manage complex infrastructures in a seamless fashion to support the highly dynamic and heterogeneous workloads and hosted applications customers deploy.

Various virtualization technologies contribute to the overall picture in different ways. 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 are managed and deployed. Hence, it is import to learn role of virtualization technologies in modern data centres.

Objective

This programme will provide an overview of virtualization technology with a series of hands-on practical exercises on server, storage, network, and desktop virtualization techniques.

Contents

* Basics of Virtualization
* Benefits of Virtualization
* Challenges of Virtualization
* Server Virtualization
* Storage Virtualization
* Network Virtualization
* Desktop Virtualization
* Application Virtualization

* OS Virtualization
* Hands-on Virtualization
* VSAN
* SDN
* Virtualization technology in Modern Data Centres
* Overview of Cloud Computing

End Use

The participants will be able to create their own virtual machines, virtual storage, and desktop, etc. and maintain the modern data centre efficiently.

Who can Participate?

Officials working in IT implementation team at banks from Scale I to IV.

Faculty

Faculty of IDRBT, Guest Speakers from the Industry & Practitioners.

Fee Details

Domestic Participants from

* RRBs & Coop Banks :   Rs. 21,240/- (Rs. 18,000/- + 18% GST)
* All other Banks & FIs: Rs. 28,320/- (Rs. 24,000/- + 18% GST)

Foreign Participants from

* SAARC Countries   :   US $ 708/- (US $ 600/- + 18% GST)
* Other Countries   :   US $ 1062/- (US $ 900/- + 18% GST)

Nominations

Nominations should be sent to us latest by **January 08, 2018** by email to *program@idrbt.ac.in*

Venue & Timings of Programme

Venue: IDRBT   **Timings:** 9.30 AM to 5.30 PM

How to Reach IDRBT

A major landmark near Masab Tank flyover is NMDC. IDRBT is located just behind NMDC. Google Pin: *http://bit.ly/IDRBT*

Accommodation and Travel Plans

The boarding & lodging arrangements will be made at IDRBT, Hyderabad. The participants will be provided single occupancy a/c rooms.

Check-in   :   From 3.00 PM on Sunday, January 21, 2018.

Check-out :   7.00 AM on Thursday, January 25, 2018.