

Virtualization and Cloud Computing for Banks



AUGUST 22 - 26, 2016

We are glad to announce a Programme on Virtualization and Cloud Computing for Financial Sector from August 22-26, 2016, that we hope will help fill the knowledge and skill gaps of your IT personnel in this area. We appreciate your active participation in making your security technologies more robust. The details of the programme are given below:

Introduction:

Virtualization has become a common abstraction layer in modern datacenters, enabling resource owners to manage complex infrastructure independently of their applications. In a recent survey on 2012 TOP IT Priorities for Indian Organizations conducted by Tech target, around 746 data centre professionals gave their inputs, and this survey indicated that consolidation, virtualization and Disaster Recovery and Business Continuity are likely to be among the top infrastructure initiative of this year. As organizations are focusing on refining business processes, there is a need to drive efficient technologies such as Cloud computing that can not only reduces expenditure but also lowers data center resource consumption.

Cloud computing has recently emerged as one of the buzzwords in the IT industry. Numerous IT vendors are promising to offer computation, storage, and application hosting services and to provide coverage in several continents, offering service level agreements (SLA) backed performance and uptime promises for their services that are popularly referred to as IaaS (Infrastructure as a Service), PaaS (Platform as a Service), and SaaS (Software as a Service). While these "clouds" are the natural evolution of traditional data centers, they are distinguished by exposing resources (computation, data, and applications) as standards-based Web services and following a "utility" pricing model where customers are charged based on their utilization of computational resources, storage, and transfer of data. They offer subscription-based access to infrastructure, platforms, and applications. With the rapid adoption of cloud computing, virtualization has become the cornerstone technology to manage large clouds.

Banks and financial sector can benefit from the fact that cloud computing helps :

- ★ To create a flexible, agile business model to meet the growing business needs in a dynamic and competitive landscape
- ★ To cut infrastructure costs
- ★ To transform their business processes and enhance their ability to grow in new sectors or regions without the time and cost burdens involved with establishing a physical presence.

In various forums, banks have expressed their interest to explore cloud services as a technology, provided security and privacy can be ensured.

Objective:

The objective of the program is to give Theoretical and hands on/ Practical training experience of Virtualization & Cloud computing to banks officials.

Contents:

- ★ Server Consolidation and Virtualization;
- ★ Working with Virtual Workloads, Provision of Virtual machines
- ★ Storage, Network Desktop and Application Virtualization
- ★ Hands-on Virtualization
- ★ Overview of Cloud Computing: Essential Characteristics, Cloud Services and Cloud Deployment Models
- ★ Hands on private Cloud set-up using Openstack (implementation)
- ★ Mobilizing Enterprise Apps, Cloud Capacity planning, Application Assessment;
- ★ Cloud Data Storage Security and Privacy, Best Practices
- ★ Big Data Management in Cloud Computing
- ★ IDRBT Community cloud: Concept & Use Case

Profile of Participants:

Officials working in IT implementation team at banks.

End Use:

The participants can able to create their own virtual machines and cloud and gain more knowledge on both the technologies: virtualization and cloud computing after the programme.

Faculty:

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

Fee & Nomination:

The fee for the programme is Rs. 35,000/- + Service Tax 14.5% = Rs. 40,075/- per participant. It includes boarding, lodging, training, course material, kit, and other infrastructure overheads. The fees can be remitted through NEFT (details furnished here under):

Account Name : IDRBT
Bank : Axis Bank Limited
Branch : Mehdiapatnam Ring Road, Hyderabad
Account No. : 426010100018823
MICR Code : 500211012
IFSC Code : UTIB0000426

Nominations should be sent latest by **AUGUST 08, 2016** (email: program@idrbt.ac.in; Fax: 040-2353 5157 / 2329 4123). The Programme will commence at 9.30 am on the first day and conclude by 5.30 pm on all the days.

PAN Number : AAAAI0204K

Service Tax Number :
AAAAI0204KST001

Please provide the following information for the nominations from your Bank/Organization.

- 1) Name of the Official :
- 2) Bank :
- 3) Designation :
- 4) Official Postal Address :
- 5) Mobile /Phone No. :
- 6) Email address :

Please depute suitable officials only from your bank / organization for this programme.

Please do send us a brief CV/Profile of the official/s nominated (not exceeding one page per person) so that we can fine tune the programme structure, content and delivery.

Please inform the nominees of the landmark to locate IDRBT, i.e., Behind NMDC, Masab Tank.

Programme Coordinator:

Dr. P. Syam Kumar, Assistant Professor;

Email : program@idrbt.ac.in

FEE DISCOUNTS FOR REGIONAL RURAL BANKS & COOPERATIVE BANKS

No. of Participants	Residential			Non-Residential		
	Fees	Service Tax 14%	Total Fees	Fees	Service Tax 14%	Total Fees
1	Rs. 25,000/-	Rs. 3,625/-	Rs. 28,625/-	Rs. 20,000/-	Rs. 2,900/-	Rs. 22,900/-

*This is the discounted fees to be paid uniformly for each participant

FEE DISCOUNTS FOR OTHER BANKS

No. of Participants	Residential			Non-Residential		
	Fees	Service Tax 14.5%	Total Fees	Fees	Service Tax 14.5%	Total Fees
1	Rs. 35,000/-	Rs. 5,075/-	Rs. 40,075/-	Rs. 30,000/-	Rs. 4,350/-	Rs. 34,350/-

The fees to be paid uniformly for each participant

FEE FOR FOREIGN COUNTRIES

Sl. No.	Classification of Countries	Fees per participant (Residential only) US \$	Service Tax (14%) US \$	Total Fees (US \$)
1	SAARC Countries	1000 \$	145\$	1145\$
2	Other Countries	1500 \$	218\$	1718\$



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

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