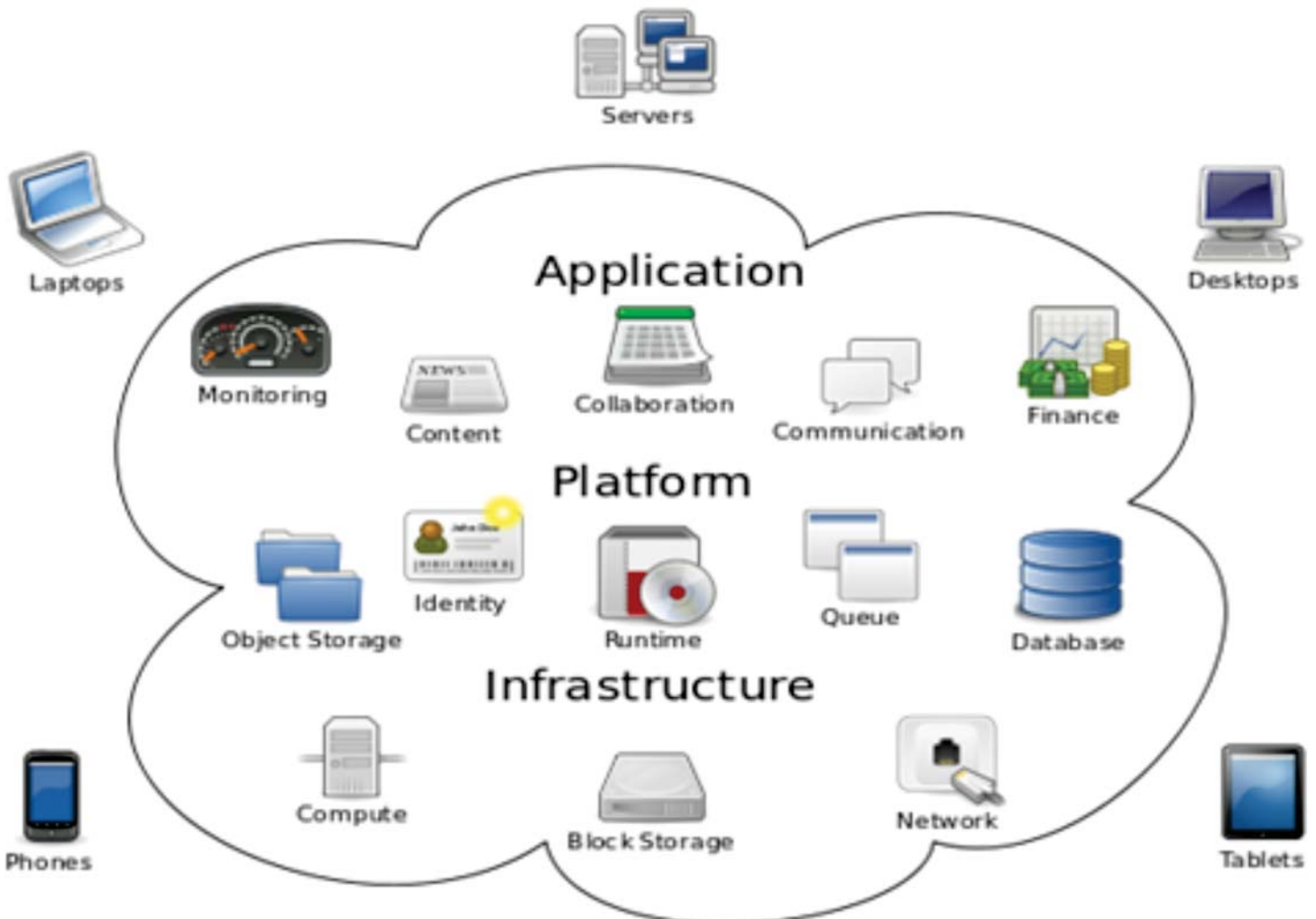




Institute for Development and Research in Banking Technology
(Established by Reserve Bank of India)

BIG DATA & CLOUD COMPUTING CHALLENGES

June 19 – 23, 2017



Cloud Computing

WE are glad to announce a Programme on Big Data & Cloud Computing Challenges, June 19 – 23, 2017. The details are given below.

Introduction:

The rapid development of digital sensors, networks, and smart devices long with their extensive use is leading to the creation of huge collections of data, and coins the term Big Data. Big Data is characterized by the integration of a significant amount of data, of varying modalities or types, at a pace that cannot be handled by traditional data management systems. Since huge amounts of data in unstructured and semi-structured forms are being generated from various sources, new platforms, frameworks and methodologies are required for to data management, data safety and data analytics.

Cloud Computing enables computing resources to be provided as IT services in a pay-as-you-go fashion with high efficiency and effectiveness. Cloud-based platforms with overwhelming advantages over traditional platforms are increasingly utilized as potential hosts for Big Data. However, information privacy and security is one of most concerned issues for Cloud Computing due to its open environment with very limited user-side control. It is also a great challenge for Big Data. Especially on cloud-based platforms, there are two important aspects of Big Data Security. One is how to protect Big Data, the other is how to using Big Data analytic technique to enhance security of the whole system. Current work on Big Data focuses on information processing such as data mining and analysis. However, security and privacy of Big Data are vital concerns that have received less research focus.

Thus, it is important to understand what Big data and cloud computing is, why it is so promising, what impacts it will have on IT industry and what are the challenges and emerging solutions

Objective:

The objective of the program is to enable the bankers to upgrade their knowledge in area of Big Data, cloud computing, virtualization and meet the challenges in Big Data and cloud computing

Contents:

- ★ Cloud Computing Fundamentals
- ★ Cloud Services
- ★ Cloud Deployment Models
- ★ Virtualization
- ★ Virtualization in data intensive computing and Big Data processing
- ★ Cloud reliability, fault-tolerance, high-availability and security
- ★ Cloud computing challenges

- ★ Cloud Storage and Security
- ★ Big Data in Cloud Computing
- ★ Architecture of Big Data
- ★ Security Model and Architecture for Big Data
- ★ Auditing for Big Data
- ★ Security and Privacy in Big Data Sharing and Visualization
- ★ Privacy in Big Data Applications and Services
- ★ Privacy in Big Data Integration and Transformation
- ★ Privacy in Big Data Storage Management
- ★ Big Data Privacy Policies and Standards
- ★ Big data search and mining.

Profile of Participants:

Officials working in IT implementation team at banks and Financial sectors.

End Use:

End of the program, The participants gain more knowledge on both the technologies: Big Data and cloud computing.

Faculty:

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

Fee & Nomination:

The fee for the programme is Rs. 35,000/- + Service Tax 15% = Rs. 40,250/- 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):

IDRBT Bank Account Details for NEFT transfer:

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

Nominations, should be sent latest by **JUNE 05, 2017**

Please provide the following information for the nominations from your Bank:

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

We request you to nominate suitable officials for the 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 depute suitable officials only from your bank / organization for this programme.

Please inform the nominees of the landmark to locate

IDRBT, i.e., Behind NMDC, Masab Tank, Hyderabad.

Programme Coordinator :

Dr. P. Syam Kumar, Asst. Professor, IDRBT

Email : program@idrbt.ac.in

FEE DISCOUNTS FOR REGIONAL RURAL BANKS & COOPERATIVE BANKS

No. of Participants	Residential			Non-Residential		
	Fees	Service Tax 15%	Total Fees	Fees	Service Tax 15%	Total Fees
1	Rs. 25,000/-	Rs. 3,750/-	Rs. 28,750/-	Rs. 20,000/-	Rs. 3,000/-	Rs. 23,000/-
*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 15%	Total Fees	Fees	Service Tax 15%	Total Fees
1	Rs. 35,000/-	Rs. 5,250/-	Rs. 40,250/-	Rs. 30,000/-	Rs. 4,500/-	Rs. 34,500/-
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 (15%) US \$	Total Fees (US \$)
1	SAARC Countries	1000 \$	150\$	1150\$
2	Other Countries	1500 \$	225\$	1725\$



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