



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

CYBER SECURITY FOR REMOTE WORKING SCENARIO

JANUARY 03 – 06, 2023

Introduction

The need of permitting 'remote working' was felt by the banks and other financial organizations during the pandemic. Several organizations may still be adopting this practice for portions of their work forces. Though it reduces the human risk for the individuals or the teams getting exposed to the virus, it increases cyber risk manifold. Increased attempts of various kinds of cyber-attacks have been observed in past one year to exploit the remote working scenario. The organizations need to adopt reasonable practices to bolster its cyber defense by considering the emergent situation. At this point, this e-programme has been designed to share the best cyber security practices in this context.

Objective

The objective of this program is to share the relevant cyber security best practices with the concerned teams of banks, so that they can take necessary steps to protect their organizations and remote work forces.

Contents

The e-Programme will cover the technologies, which enable a secure remote working environment. It will cover the aspects of safeguarding the data, the remote work environment, the communication between the remote end-point and the banks' systems, and the internal IT assets of banks. Some of the topics, which will be touched upon, are as following:

- VPN/Remote Desktop Access/Identity-Aware Proxy
- Securing Remote Devices and Users
- Securing Communication
- Preparing On-Prem IT for Assumed Breach Scenario

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?

Staffs from IT/ Cyber Security/SOC/Audit/Inspection teams of banks and other financial organizations (across all levels in the hierarchy) can participate in this program.

End Use:

Participants will have a better understanding about the required technologies to adopt a secure remote working environment. This, in turn, will help the organizations to improve their cyber defense and more specifically, a better management of cyber risks arising from emergent work from home model. Organizations will be prepared better to deal with any such situation in future too.

Programme Coordinator:

Dr. Rajarshi Pal, Assistant Professor, IDRBT; e-mail: prajarshi@idrbt.ac.in

Fees:

For Indian Participants

- RRBs & Coop Banks: Rs. 11,800/- (Rs. 10,000/- + 18% GST)
- All Other Banks & Financial Institutions: Rs. 14,750/- (Rs. 12,500/- + 18% GST)

For International participants

- US \$ 220 (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 **JANUARY 02, 2023**.

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 January 2023

S. No.	Name of the e-Programme	Date	e-Programme Coordinator	Last Date for Nomination
1	Mobile Banking Security and Testing	03 – 06	Dr. V. N. Sastry	Jan 02, 2023
2	Threats to Digital Payment Ecosystem	03 – 06	Dr. Susmita Mandal	Jan 02, 2023
3	Cyber Security for Remote Working Scenario	03 – 06	Dr. Rajarshi Pal	Jan 02, 2023
4	Containerization	10 – 13	Dr. P. Syam Kumar	Jan 09, 2023
5	API Security and Governance	10 – 13	Dr. V. Radha	Jan 09, 2023
6	Recent Cyber Crimes and Defences	10 – 13	Dr. Rajarshi Pal	Jan 09, 2023
7	Special Awareness Programme on Cyber Security	16 – 20	Dr. Rajarshi Pal	Jan 13, 2023
8	Programmable Networking	17 – 20	Dr. Subhrendu Chattopadhyay	Jan 16, 2023
9	Emerging Authentication Techniques	17 – 20	Dr. M. V. N. K. Prasad & Dr. N. P. Dhavale	Jan 16, 2023
10	Cyber Forensics for Cyber Defence - A Proactive Approach	Jan 30 – Feb 02	Dr. B. M. Mehtre	Jan 27, 2023

E-Programmes in February 2023

S. No.	Name of the e-Programme	Date	e-Programme Coordinator	Last Date for Nomination
1	IT Project Management	07 – 10	Dr. Abhishek Thakur	Feb 06, 2023
2	Emerging Cyber Security Practices	07 – 10	Dr. Rajarshi Pal	Feb 06, 2023
3	Introduction to Hardware Security	14 – 17	Dr. Dipanjan Roy	Feb 13, 2023
4	Secure Financial Infrastructure	14 – 17	Dr. Susmita Mandal	Feb 13, 2023
5	Virtualization and Cloud Computing	21 – 24	Dr. P. Syam Kumar	Feb 20, 2023
6	API Development	21 – 24	Dr. V. Radha	Feb 20, 2023
7	Special Awareness Programme on Data Science for Banks	Feb 27 – Mar 03	Dr. V. Ravi	Feb 24, 2023
8	Technologies for Financial Inclusion	Feb 28 – Mar 03	Dr. M. V. N. K. Prasad	Feb 27, 2023
9	Zero Day Threats and Mitigation	Feb 28 – Mar 03	Dr. B. M. Mehtre	Feb 27, 2023