



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

TARGETED ATTACKS – DETECTING IN EARLY STAGES

December 21 – 24, 2021

Introduction

Targeted attacks are well planned attacks and are hard to detect and neutralise. Such attacks are also called as advanced persistent attacks (APTs).

In this program targeted attacks and their detection will be discussed.

APTs are advanced forms of malware and detecting such attacks at an early stage of the attack is very critical. Monitoring or surveillance of such malware is a key function of the cyber security operation centre.

Objectives

- Introduction to APTs
- Review of existing detection techniques
- Recent trends in APTs surveillance
- Hands On Exercise/Assignment

Contents

- Introduction to APTs
- Automated Surveillance Techniques
- Detection of Advanced persistent threats

Mode of Teaching

The program will have four live webinars. One webinar will be held at each day of the program. Duration of each webinar will be one hour. Additional study materials will be made available in the form of text and video lectures. Participants can go through those materials offline.

Who Can Participate?

Professionals operating and managing cyber security operations center, of professions identified to work in C-SOC.

End Use:

- APTs/ malware detection at an early stage
- Mitigation of cyber attacks
- To make SOC management smarter

Programme Coordinator:

Dr. B. M. Mehtre, Professor, IDRBT; e-mail: bmmehetre@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, 2021**.

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 2021

S. No.	Name of the e-Programme	Date	e-Programme Coordinator	Last Date for Nomination
1	Re-imagining Customer Engagement with Conversational Chatbots	06 – 09	Dr. Mridula Verma	Dec 03, 2021
2	Awareness on Payment Systems Vision 2021	06 – 09	Dr. N.V.Narendra Kumar	Dec 03, 2021
3	Explainable AI/ML for Banking	06 – 09	Dr. V. Ravi	Dec 03, 2021
4	Introduction to Hardware Security for Banks	07 – 10	Dr. Dipanjan Roy	Dec 06, 2021
5	Technologies for Financial Inclusion	14 – 17	Dr. M. V. N. K. Prasad	Dec 13, 2021
6	Security in Cloud Computing	14 – 17	Dr. P. Syam Kumar	Dec 13, 2021
7	Workshop on Registration Authority Operations	20 – 23	Dr. N. P. Dhavale	Dec 17, 2021
8	Privacy and Security Risks in Machine Learning	21 – 24	Dr. Rajarshi Pal	Dec 20, 2021
9	Targeted Attacks - Detecting in early stages	21 – 24	Dr. B. M. Mehtre	Dec 20, 2021
10	API Development	27 – 30	Dr. V. Radha	Dec 24, 2021
11	Basics of IT Vendor Management	28 – 31	Dr. Abhishek Thakur	Dec 27, 2021
