



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

DARK WEB MONITORING FOR THREAT INTELLIGENCE

May 17 – 20, 2022

Introduction

Websites are consisting of surface web, Deep web and Dark web. The surface is indexed and monitored, the Deep web is non-indexed but can be monitored, while the Dark web is the unindexed part of web which can't be monitored normally. The dark web is the World Wide Web content that exists on dark nets: overlay networks that use the Internet but require specific software, configurations, or authorization to access.

Objectives

- To give basic introduction to dark web.
- To explain working and accessing of dark web.
- To present some real world case studies of involvement of dark web in major cyber security incidents.
- To present top tools and software required to access dark web.
- To discover the information and intelligence present on the dark web.
- To discuss some existing tools to harness the information from dark web.
- To demonstrate our proposed method of information gathering.

Contents

- Introduction to Dark Web
- Working of dark web
- Tools for accessing the dark web
- Demonstration of browsing dark web using TOR
- Activity for participants to find “.onion” URLs on TOR browser
- Extracting information from dark web
- Assignment presentations by participants

Mode of Teaching

Online teaching plus learning inputs through reading material, videos, webinars, assignments, demonstrations, 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?

Bank officials working in IT Department, cyber Security Operations Centre, Network operations Center and security related activities.

End Use:

To spread awareness about the Dark web. To prepare organisations to proactively perform information gathering and effectively handle threats from dark web.

Programme Coordinator:

Prof. B. M. Mehtre, Professor, IDRBT;

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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 **May 16, 2022**.

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 May 2022

S. No.	Name of the e-Programme	Date	e-Programme Coordinator	Last Date for Nomination
1	Re-imagining customer engagement with conversational Chatbots	09 – 12	Dr. Mridula Verma	May 06, 2022
2	Introduction to Governance, Risks and Compliance	10 – 13	Dr. Abhishek Kumar Thakur	May 09, 2022
3	Continuous Security Validation	10 – 13	Dr. V. Radha	May 09, 2022
4	Secure Financial Infrastructure	10 – 13	Dr. Susmita Mandal	May 09, 2022
5	Cyber Security for Remote Working Scenario	17 – 20	Dr. Rajarshi Pal	May 16, 2022
6	Proactive Cyber Defence Strategies	17 – 20	Dr. Dipanjan Roy	May 16, 2022
7	Dark Web Monitoring for Threat Intelligence	17 – 20	Dr. B. M. Mehtre	May 16, 2022
8	Introduction to Authentication Techniques	23 – 26	Dr. M.V.N.K. Prasad Dr. N.P.Dhavale	May 20, 2022
9	Explainable AI for Banks	24 – 27	Dr. V. Ravi	May 23, 2022
10	Big Data and Cloud	24 – 27	Dr. P. Syam Kumar	May 23, 2022

e-Programmes in June 2022

S. No.	Name of the e-Programme	Date	e-Programme Coordinator	Last Date for Nomination
1	Privacy Preserving Machine Learning for Banks	06 – 09	Dr. V. Ravi	June 03, 2022
2	Distributed Ledger Technology and Banking Applications	06 – 09	Dr. N. V. Narendra Kumar	June 03, 2022
3	5G Use Cases and IoT Applications for Banks	06 – 10	Dr. V. N. Sastry	June 03, 2022
4	Threats to Digital Payment Ecosystem	07 – 10	Dr. Susmita Mandal	June 06, 2022
5	Technologies for Financial Inclusion	07 – 10	Dr. M.V.N.K. Prasad	June 06, 2022
6	Emerging AI/ML Technologies	13 – 16	Dr. Mridula Verma	June 10, 2022
7	Workshop on Registration Authority Operations	14 – 17	Dr. N. P. Dhavale	June 13, 2022
8	Privacy and Security Risks in Machine Learning	14 – 17	Dr. Rajarshi Pal	June 13, 2022
9	RBI Guidelines on Cyber Security	20 – 23	Dr. Dipanjan Roy	June 17, 2022

10	Introduction to Containers	21 – 24	Dr. P. Syam Kumar	June 20, 2022
11	Targeted Attacks - Detecting in Early Stages	21 – 24	Dr. B. M. Mehtre	June 20, 2022
12	API Development	Jun 28 – Jul 01	Dr. V. Radha	June 27, 2022