



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

JULY 27 – 30, 2021

Introduction

The internet we know is divided into three major parts: Clearnet, Deep web and Dark web. The Clearnet 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 darknets: 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
- Divisions of internet
- 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
- Existing projects and tools to extracting information.
- Demonstration of our proposed method to automate information gathering from Dark web.

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?

Bank officials working in IT Department, cyber Security Operations Centre, Network operations Center and 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:

Dr. B. M. Mehtre, Professor, IDRBT

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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 **JULY 26, 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 JULY 2021

S. No.	Name of the e-Programme	Date	e-Programme Coordinator	Last Date for Nomination
1	Secure Coding Practices	06 – 09	Dr. V. Radha	July 05, 2021
2	Data Centre Management	06 – 09	Dr. P. Syam Kumar	July 05, 2021
3	Threats to Digital Payment Ecosystem	12 – 15	Dr. Susmita Mandal	July 11, 2021
4	Big Data Analytics for Banks	13 – 16	Dr. V. Ravi	July 12, 2021
5	Introduction to Authentication Techniques	13 – 16	Dr. M. V. N. K. Prasad & Dr. N. P. Dhavale	July 12, 2021
6	Video Analytics in Banking and Finance	26 – 29	Dr. Mridula Verma	July 25, 2021
7	Dark Web Monitoring for Threat Intelligence	27 – 30	Dr. B. M. Mehtre	July 26, 2021
8	Emerging Technologies for Banking	27 – 30	Dr. Rajarsi Pal	July 26, 2021