



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 – Introduction to the Hidden side of Internet.

April 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.

Objective

- 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
- Web hosting on dark web
- 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

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?

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 **April 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 April 2021

S. No.	Name of the e-Programme	Date	e-Programme Coordinator	Last Date for Nomination
1	Fundamentals of Open Source Technologies	05 – 08	Dr. Mridula Verma	Apr 04, 2021
2	Secure Coding Practices	06 – 09	Dr. V. Radha	Apr 05, 2021
3	Technologies for Financial Inclusion	06 – 09	Dr. M. V. N. K. Prasad	Apr 05, 2021
4	Data Centre Management	19 – 22	Dr. P. Syam Kumar	Apr 18, 2021
5	Fundamentals of Wi-Fi Security	20 – 23	Dr. N. P. Dhavale	Apr 19, 2021
6	5G and Internet of Things for Banks	20 – 23	Dr. V. N. Sastry	Apr 19, 2021
7	AI/ML for Cyber Security	26 – 29	Dr. Rajarshi Pal	Apr 25, 2021
8	Proactive Cyber Defence Strategies	27 – 30	Dr. Dipanjan Roy	Apr 26, 2021
9	Dark Web – Introduction to the Hidden side of Internet	27 – 30	Dr. B. M. Mehtre	Apr 26, 2021