2022 APWG Symposium on Electronic Crime Research (eCrime 2022)

Virtual Symposium 30 November - 2 December 2022



IEEE Catalog Number: CFP2254F-POD ISBN: 979-8-3503-0170-0

Copyright © 2022 by the Institute of Electrical and Electronics Engineers, Inc. All Rights Reserved

Copyright and Reprint Permissions: Abstracting is permitted with credit to the source. Libraries are permitted to photocopy beyond the limit of U.S. copyright law for private use of patrons those articles in this volume that carry a code at the bottom of the first page, provided the per-copy fee indicated in the code is paid through Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923.

For other copying, reprint or republication permission, write to IEEE Copyrights Manager, IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854. All rights reserved.

*** This is a print representation of what appears in the IEEE Digital Library. Some format issues inherent in the e-media version may also appear in this print version.

 IEEE Catalog Number:
 CFP2254F-POD

 ISBN (Print-On-Demand):
 979-8-3503-0170-0

 ISBN (Online):
 979-8-3503-0169-4

ISSN: 2159-1237

Additional Copies of This Publication Are Available From:

Curran Associates, Inc 57 Morehouse Lane Red Hook, NY 12571 USA Phone: (845) 758-0400

Fax: (845) 758-2633

E-mail: curran@proceedings.com Web: www.proceedings.com



TABLE OF CONTENTS

| THREAT/crawl: A Trainable, Highly-Reusable, and Extensible Automated Method and Tool to Crawl Criminal Underground Forums | 1 |
|--|--------------|
| The Challenges of Blockchain-Based Naming Systems for Malware Defenders | 14 |
| Money Over Morals: A Business Analysis of Conti Ransomware | 28 |
| Ransomware: How Attacker's Effort, Victim Characteristics and Context Influence Ransom Requested, Payment and Financial Loss | 40 |
| Cryptocurrency Exchange Closure Revisited (Again) | 53 |
| "I Don't Really Give Them Piece of Mind": User Perceptions of Social Engineering Attacks | 61 |
| The Role of Extraversion in Phishing Victimisation: A Systematic Literature Review | 74 |
| "Invest in Crypto!": An Analysis of Investment Scam Advertisements Found in Bitcointalk | 84 |
| Building and Testing a Network of Social Trust in an Underground Forum: Robust Connections and Overlapping Criminal Domains | 96 |
| Leaky Kits: The Increased Risk of Data Exposure from Phishing Kits | ι 0 8 |

Author Index