Cybersecurity Breaches and Issues Surrounding Online Threat Protection

Table of Contents

Preface

Acknowledgment

Section 1
Identifying Cybersecurity and Its Threats

This Section explores and identifies various issues and concerns specific to cybersecurity and some of the policies that accompany them. This Section goes into detail with some Chapters focusing on economic factors as well as across international borders.

Chapter 1
An Exploration Regarding Issues in Insider Threat
Jaeung Lee, Louisiana Tech University, USA
Anu Mary Eapen, Infosys Limited, USA
Md Shamim Akbar, State University of New York at Buffalo, USA
Raghav Rao, The University of Texas at San Antonio, USA

Chapter 2
The Development of the Cybersecurity Policy and Legislative Landscape in Caribbean States
Dr. Indianna D. Minto-Coy, University of The West Indies, Jamaica
M. Georgia Gibson Henlin, QC, Henlin Gibson Henlin, Jamaica

Chapter 3
Internet Pharmacy Cyber Crime State Policy Mitigating Risks
Dr. Mary Schmeida, Kent State University, USA
Dr. Ramona S. McNeal, University of Northern Iowa, USA

Chapter 4
Identifying and Analyzing the Latent Cyber Threats in Developing Economies
Dr. Atul Bamrara, India Gandhi National Open University, India

Section 2
Cybercrime

This Section discusses various breaches, investigations, and crimes that relate to cyber threats and instances. The focus is primarily on detection and analyzing at both the domestic and international areas.

Chapter 5
Cyber Crime Investigation
Professor Sujitha S., Thiagarajar College of Engineering, India
Parkavi R., Thiagarajar College of Engineering, India

Chapter 6
Cybercrime via Virtual Currencies in International Business
Dr. Dincer Atli, Uskudar University, Turkey

Chapter 7
Cybersecurity and Data Breaches at Schools
Dr. Libi Shen, University of Phoenix, USA
Dr. Irene Linlin Chen, University of Houston Downtown, USA
Anchi Su, UCLA, USA

Chapter 8
Detection Protocols of Possible Crime Scenes Using Internet of Things (IoT)
Bashar Alohali, Liverpool John Moores University, England
Section 3
Into the Cloud

This Section focuses on the User-End and deploying cloud bases security services through applications, data centers and other enterprise entities.

Chapter 9
Solutions for Securing End User Data over Cloud Deployed Applications
Akashdeep Bhardwaj, UPES Dehradun, India

Chapter 10
Cloud Computing and Cybersecurity Issues Facing Local Enterprises
Dr. Emre Erturk, Eastern Institute of Technology, New Zealand

Chapter 11
SOHO Users’ Perceptions of Reliability and Continuity of Cloud Based Services
Dr. Cornel L. Levy, Western Governors University, USA
Dr. Nilsa I. Elias, Western Governors University, USA

Chapter 12
Big Data Security Framework for Distributed Cloud Data Centers
Chandu Thota, Infosys Ltd, USA
Gunasekaran Manogaran, School of Information Technology and Engineering VIT University, India
Dr. Daphne Lopez, School of Information Technology and Engineering VIT University, India
Dr. Vijayakumar V, School of Computing Science and Engineering VIT University, India

Chapter 13
Robotics: Theory and Applications
Dr. Kij pokin Kasemsap, Suan Sunandha Rajabhat University, Thailand

Compilation of References

About the Contributors

Index