EDITORIAL

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ARIS² - Advanced Research on Information Systems Security

an International Journal

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1. INTRODUCTION

In the dynamic landscape of contemporary cybersecurity, an arena perpetually shaped by rapid technological advancements and an ever-expanding threat landscape, the significance of staying abreast of the latest research and innovative ideas cannot be overstated [1], [2], [3], [4]. In this era of constant change and evolving challenges, ARIS² - Advanced Research on Information Systems Security stands resolute as a beacon, guiding scholars, practitioners, and enthusiasts through the intricate maze of cyber defenses and digital fortifications.

As we embark on our exploration of the third volume, Issue 1, we stand at a crucial juncture, acutely aware of the pressing issues that define cybersecurity in the current epoch. With each passing day, new vulnerabilities emerge, threat actors become more sophisticated, and the digital frontier expands into uncharted territories. Against this backdrop, ARIS² serves as a vital compass, steering the discourse towards cutting-edge research and fostering a deeper understanding of the unique challenges and opportunities that characterize the cybersecurity landscape of today [5].

Our journey through this edition commences at the confluence of two remarkable papers that have not only withstood the crucible of rigorous peer review but have also emerged as guiding lights illuminating the path toward enhanced cybersecurity knowledge. In an era where data breaches, ransomware attacks, and advanced persistent threats dominate headlines, the selected articles encapsulate the forefront of research, offering insights that resonate with the current imperatives of safeguarding information systems.

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As we delve into the heart of Volume 3, Issue 1, we invite our readers to embark on a voyage of discovery, traversing the realms of social engineering resilience and the integrative prowess of enterprise architecture in cybersecurity. In a world where cyber threats are increasingly sophisticated and multifaceted, ARIS[2] remains steadfast in its commitment to providing a platform for research that not only addresses the challenges of today but also lays the groundwork for a resilient and secure digital future.

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2. STRUCTURE

In Volume 3, 1st issue of the ARIS[2]-Journal, the reader will have online access to two research articles as follows:

1. Enhancing the capability of businesses to withstand social engineering attacks

There is no doubt that one of the most noteworthy articles in this issue looks into the vital field of social engineering resilience inside businesses. The purpose of this article is to provide a comprehensive knowledge of the methodologies utilised by malicious actors and to give practical solutions to fortify organisations against social engineering assaults. The essay was written by specialists who are at the forefront of cybersecurity.

2. The Role of Enterprise Architecture in Implementing a Holistic Security Concept

The second essay that was approved throws light on the crucial role that enterprise architecture plays in the process of putting in place a comprehensive security framework. This article, which was written by seasoned experts who have a wealth of expertise, places an emphasis on the mutually beneficial link that exists between sound organisational structure and stringent security measures. This paper offers a road map for incorporating business architecture into a comprehensive security plan, which is timely given the fact that organisations are now struggling to deal with the intricacies of modern cyber threats.

During this time of navigating the wide and complex environment of cybersecurity, ARIS[2] serves as a lighthouse for individuals who are attempting to unravel the nuances of this ecosystem. Presented in the third volume, Issue 1, is a carefully selected collection of papers that have the potential to influence the conversation around the safety of information computer systems. The writers who contributed to this issue are deserving of our thanks, and we would like to extend an invitation to the community of cybersecurity

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professionals to interact with the ideas that are offered in these pages. With unwavering determination, ARIS^2 continues to work towards the advancement of knowledge, the promotion of innovation, and the strengthening of the global cybersecurity ecosystem.

The papers evaluated by double blind review system belong to authors who presented the results of their studies that fit in the scientific areas of the ARIS^2 Journal; so, they were accepted for publication in this international scientific journal.

3. ACKNOLEDGEMENTS

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