Guest Editorial Preface

Special Issue on Security, Privacy, and Trust in Modern Management

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This special issue contains six articles on issues related to Security, Privacy, and Trust in Modern Management.

The lead article in this first part of the special explores the effect of the close anchors in the performance of the DV-Hop based localization algorithms and an improvement is proposed by considering only the closest anchors. The simulation results show that considering closest anchors for estimation of the location reduces localization error significantly as compared to considering all the anchors.

The second paper using a case study research method, relied on 37 CISO and 2 CEO interviews as units of analysis. Initial findings indicate that the main drivers of who the CISO reports to are: the cyber security maturity of the organization, perceptions of CISOs and CEOs about the nature of cyber risk, the knowledge CISOs have about the business, the knowledge CEOs have about cyber security, and the respect both CISOs and CEOs have for the capabilities of cyber hackers.

The third article highlights security issues in current wireless networks such as Mobile Ad-hoc network and IoT supported networks and it also proposes a security based S-RAID protocol design for security control in cluster based wireless networks. Simulation results show proficiency and better transmission rate of our proposal when it was compared with other similar approaches.

The fourth paper aims to present comparison of a few methods that have been proposed and published in various papers along with a newly proposed method. The comparison of the methods is done on a number of parameters including resource utilization, reaction time, worst case scenarios, etc. This paper also checks the viability of these methods over various layers of the network.

In the fifth article, authors present a secure privacy preserving data sharing with encryption technique called Dynamic Unidirectional Proxy Re-Encryption (PRE) with Cipher text Policy Attribute based Encryption. The technique ensures the privacy, Integrity and security of the data while retrieving through the cloud. The framework is implemented in the Cloud sim with Java Language. Experimental results proved that proposed framework attains reasonable results compared to traditional methods

Finally, the last paper proposed a model by which the features are selected on the basis of Mutual Information Gain among correlated features. To achieve this, they first group the features according to the correlativity. Then from each group, the features with the highest Mutual Information Gain in their respective groups are selected. This led them to a reduced feature set which provides quick learning and thus produces a better IDS that would secure the data in the Cloud.

All submitted papers to the conference went through strict refereeing and examination resulting in a current rejection rate of 69.2%. We are delighted to say that this is in no small part due to the hard work the editorial board and reviewers, in not only refereeing the papers submitted but raising the standard of the quality of papers that we will publish.

In this regard, the guest editors thank all people who have worked with us in planning and organizing technical arrangements. In particular, we are thankful to program chairs for their support; the program committee for their timely reviewing of papers.

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