

Editorial

It is my great pleasure to sincerely welcome readers to the first issue of Volume 6 of Journal of Internet Services and Information Security (JISIS). I also want to congratulate on JISIS because it has successfully continued since its publication, and has played an important role in recent Internet and information security research society. This issue introduces novel technologies for cipher block chaining security, insider threat detection, quantitative non functional requirements evaluation, and proximity-based energy-efficient routing algorithm through the following four papers, which were selected after rigorous review and revision.

- In the first article “On the security of CBC Mode in SSL3.0 and TLS1.0,” authors surveyed TLS1.0’s BEAST attack and proved theoretically that the patched CBC mode in TLS1.0 satisfies indistinguishability, implying that it is secure against BEAST type of attack.
- In the second article “Inside the Mind of the Insider: Towards Insider Threat Detection Using Psychophysiological Signals,” authors examined the use of human bio-signals to detect the malicious activities and showed that it is applicable to insider threats detection.
- The next article “Quantitative Non Functional Requirements evaluation using softgoal weight,” proposed a quantitative weighted softgoal based on the Softgoal Interdependency Graphs for engineers to evaluate non-functional requirements.
- The final paper “PEER: Proximity-Based Energy-Efficient Routing Algorithm for Wireless Sensor Networks,” proposed an energy efficient routing algorithm, i.e., Proximity Based Energy Efficient Routing, on the backbone of the Relative Identification and Direction Based Sensor Routing scheme to find the appropriate set of nodes for data transmission so as to improve lifetime and solve routing loop problem.

Last but not the least, I am highly grateful to authors and reviewers for their countless contribution.

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