Editorial

We bring the first issue of Journal of Information Security Research with the below described research.

In the first paper on "**A Lightweight Software Write-blocker for Virtual Machine Forensics**" the authors *Patrick Tobin, Nhien-An Le-Khac* and *Tahar Kechadi* viewed that a reliable forensic examination is important in the security analysis. Due to enormous and unmanageable data, the digital data security is very challenging. In this work they presented an implementation of a software write-blocker and show how we can use it to be compliant with the 2nd ACPO principle on digital evidence.

Abdelali EL BOUCHTI in his second paper on "**Cyber-Attack for BGP Systems Using Stochastic Game Nets Model**" proposed a novel modeling, Stochastic Game Nets (SGN) and use it to model and analyze the attack action in Border Gateway Protocol (BGP) networks. The author has analyzed the attack time and attack probability in the BGP quantification-based on the method successfully. The method can also be applied to other areas with respect to a game, the author claims.

In the last paper on "**Rough Set Significant Reduct and Rules of Intrusion Detection System**" the authors *Noor Suhana Sulaiman* and *Rohani Abu Bakar* have investigated the significant reduction and rules prior to classification process of Intrusion Detection System. They compared the results in terms of the classification accuracy between the original decision table and a new decision table.

The three papers in this issue are more elegant technically and contribute significantly in the information security research.

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