

Editorial

We present the first issue of this volume of the **Information Security Education Journal** with the below research.

In the first paper, “**Increasing the Value of Intrusion Detection Systems (IDS) in High-load Environments**,” the authors presented an efficient, dynamically adaptive, distributed approach for a multi-spatial IDS. They also discussed the performance evaluations of prototype implementation and proposed future research directions.

In the following paper, “**Enhancing Web Architecture to Counter Cloud Security Attacks**,” the authors enhanced the traditional cloud architecture with efficient caching and reverse proxy solutions. They evaluated the architectural models, SlapOS and a setup featuring Nginx. This kind of research will result in robust cloud designs.

In the last paper, “**A strategy for spotting irregularities in Unix shell activities using a pre-trained DistilBERT model in computer security**,” the authors presented a thorough strategy for spotting irregularities in Unix shell activities using a pre-trained DistilBERT model, combining both unsupervised and supervised learning methods to spot unusual activities. Experiments using large-scale datasets from real-world systems have proven the effectiveness of the proposed strategy in identifying unusual activities in Unix shell sessions.

We hope these papers present innovative research in security research education.

Editors