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(57) Abstract :

Embodiments of the present disclosure relates to a system (102) and method (200) for identifying and analysing network intrusions based on their geolocation using existing telecommunication billing and inventory systems. The system (102) comprises a processor (104) coupled to a memory (106). The memory (106) stores processor-executable instructions. The processor (104) is configured to obtain location-based data and network traffic data. Next, the processor (104) is configured classify the location-based data and the network traffic data based on geolocation. Thereafter, the processor (104) is configured to analyse the intrusion patterns in the classified location-based data and the network traffic data. In the end, the processor (104) is configured to transmit heat maps to security personnel for visualization of the analysed intrusion patterns.

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