Abstract

One of the current challenges in Internet of Things (IOT) security is the choice cryptography algorithms and key management mechanism to be used in the perception (hardware) layer. The purpose of this paper is to study the various security algorithms to achieve security standards (confidentiality, integrity, privacy) on the perception layer of IOT. The study is based on comparing the different characteristics of these algorithms, such as the degree of security of the algorithm, its speed, its achievement of various security standards, and determination of which algorithms are easy to apply to physical devices such as sensors.

References

IOT Perception Layer Security and Privacy


**Index Terms**

Computer Science  Security
Keywords

IOT, Perception Layer, Security.