Abstract

With digitization continuing to enter all aspects of daily life, a growing number of devices and appliances are becoming ‘smart’ and digitally connected. As a result, a large range of IoT applications have been developed and released utilizing a variety of IoT frameworks. All frameworks of IoT environments are composed of a set of procedural rules and standards that allow easy implementation and deployment of the various IoT applications. Deploying and implementing these applications necessitates a range of mechanisms and procedural security and privacy to ensure proper working and avoid any threats that may occur. This paper introduces a survey of how to secure IoT frameworks through applying a comparative study on a set of basic security mechanisms applied by providing background about security mechanisms, in addition to advantages and disadvantages of each security technique in IoT applications domain.

References
A Comparative Study on Models and Techniques for Securing IoT Applications


Index Terms

Computer Science
Security
Keywords

Internet of Things, Security mechanism, Security architecture