

Combating Man-in-the-Middle Attacks within IoT Systems

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Abstract

In the last few years, the number of internet-connected devices has grown significantly, from smart washing machines and other electrical appliances to baby monitors. Along with this growth, the number of cyber-attacks has also increased. That's why cyber security is more important than ever. Personal data being a very precious resource and at the same time a very powerful tool. The present article aims to bring a new implementation of information security methods against attacks such Man-in-the-Middle without affecting the performance of the devices and without making everyday use difficult.

Index terms: blacklist, man in the middle, whitelist, IoT, cyber-attacks

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