

عنوان مقاله:

A New key management scheme in heterogeneous wireless Sensor networks

محل انتشار:

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خلاصه مقاله:

Wireless Sensor Networks (WSN) are used in many applications like battlefields, patient monitoring, emergency response information and environmental monitoring. To achieve security in WSN, it is important to be able to encrypt the messages sent between sensor nodes. It is required to agree upon a common key before encrypting the messages. The key management task is challenging due to resource constrained nature of WSN. In this paper, we are proposing a new tree based key management scheme which is based on BLOM key distribution scheme for heterogeneous sensor networks. The proposed scheme handles, various events like node addition, node compromise and key refresh at regular intervals

کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

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