



FALSE DATA FILTERING IN WIRELESS SENSOR NETWORKS

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Abstract- Wireless Sensor Networks (WSN) is often deployed in hostile environments, and the attacker can easily capture nodes to inject false data to the sensor network, which can cause serious results. This paper has studied various false data filtering techniques recently in wireless sensor network. Based on encryption technology, we have analyzed and compared the difference of various existing filtering strategies, then have pointed out the merits and demerits of them in detailed. At last, we give the developing trend of false data filtering, which provides a strong foundation for the further research.

Index terms: wireless sensor networks; false reports; out-dated packets; MAC.