ملخص البـــــــــــــحث باللغة الإنجليزية:

Wireless positioning is regarded as an essential research direction across various domains. There are several wireless positioning algorithms available, with two-step positioning methods being the most significant. In order to increase positioning accuracy and efficiency, standard two-step positioning algorithms extract measurement data from the received signal, such as angles of arrival (AOA), times of arrival (TOA), and time differences of arrival (TDOA). The omnipresent healthcare system can benefit from the effective solutions offered by wireless sensor networks. A key element of the healthcare system of the future is the wireless sensor network. Cloud computing (CC), fog computing (FC), Internet of Things (IoT), and telehealthcare technologies are utilized in the healthcare industry to facilitate data sharing across diverse stakeholders. Healthcare data infringement might result from an unsafe healthcare method, giving hackers complete access to patient email addresses, messages, and reports. On the other hand, a secure method for healthcare ч.п can raise stakeholder, patient, and caregiver satisfaction. These facts

serve as the foundation for this study, which offers an extensive literature evaluation of several security issues and privacy-related healthcare concerns. Challenges and future research directions for achieving security and privacy in healthcare will be presented.

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