Abstract

Privacy protection is important for some ad hoc networks in order to achieve privacy preserving routing. In this paper we emphasize and do comparison of two schemes Unobservable Secure On-Demand Routing Protocol (USOR) and AODV to provide and preserve privacy in adhoc networks. USOR is an unobservable, secure routing scheme which provides unlinkability and content unobservability for all the different type of packets. For this it uses a combination of group signature and id based encryption. USOR protects user privacy against both inside and outside attackers by defining stronger privacy requirements. After analysis it is found that the USOR results are improved as compared to AODV.

References

2. S. Capkun, L. Buttyan, and J. Hubaux, “Self-organized public-key management for mobile


Index Terms
Computer Science Networks

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Anonymity, Security, Privacy, USOR and AODV.