A Review on Network Security in Ad-hoc Networks

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Abstract: *Ad hoc network nodes cannot be viewed as trustworthy as dedicated infrastructure nodes due to the lack of a maintained infrastructure. As a result, wireless ad hoc networks are subject to a variety of threats that threaten core network functions including routing and packet forwarding. This paper examines the security challenges faced by ad hoc networks and describes the important concerns that must be addressed to achieve ad hoc security. It also provides an overview of major challenges faced by Ad-hoc networks. We discuss the various security attacks and explore approaches to secure the communication.*

Keywords: Wireless Network, Ad hoc Network, Security Service, Routing Protocols, Key management

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