



ROUTING PROTOCOLS FOR MOBILE AD-HOC NETWORKS - A SURVEY

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ABSTRACT

Wireless communications and MEMS are the two technologies that have resulted in the development of wireless sensor networks, which are highly distributed networks with the deployment of small, inexpensive nodes. The flexibility of installation and configuration has greatly improved resulting in a flurry of research activities commencing in the field of sensor networks. This paper studies the routing protocols for WSNs and presents a comparison of the representative routing protocols. At last, several issues that are to be addressed are put forward.

KEYWORDS: Wireless Sensor Networks, Routing Protocols, Data Centric, Negotiation-Based, Hierarchical Protocols, QoS