Abstract

Mobile means moving and ad hoc means temporary with no any fixed infrastructure so mobile ad hoc networks are a class of temporary networks in which nodes are moving without any fixed infrastructure or centralized management. Due to the various applications that use MANETs are such as battlefield, emergency services, and disaster discovery, MANETs suggest many advantages too many organizations that need wireless roaming. Routing in MANETs is a not easy task and has expected a large amount of attention from researchers around the world. To overcome this difficulty a number of routing protocols have been developed and the number is silent increasing day by day. It is rather hard to determine which of the protocols may complete well under a number of different network scenarios such as network size and topology etc. In this paper we present a review of the existing routing protocols with their characteristics and functionality. In future this will help out the researchers to get an overview of the existing protocols.

References

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Index Terms

Computer Science

Wireless

Keywords