A Comparative Review on Routing Protocols in MANET

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Abstract

Routing in MANETs is a one of the dynamically and demanding task and has received a great amount of awareness from researchers around the globe. To overcome this problem, a various number of routing classes have been introduced and the number is still rising day by day fastly. It is quite hard to decide which protocols or routing classes may do well under an amount of diverse network scenarios such as network volume and network topology etc. In this paper, we present a summary of a large range of the existing routing classes with a particular focus on their uniqueness and their functionality. Also, the judgment is provided based on the routing functionality and information is used to build routing decisions. The presentation of all the routing protocols or classes is also discussed. Further this study will assist the researchers to get a summary of the existing classes and advice which protocols may execute better with respect to varying between network scenarios.
References

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Index Terms

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Keywords

Mobile ad-hoc Network, Routing protocol, classification of protocol.