



DHT based multipath routing protocol for MANETs

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Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | In spite of its attractive features, the shift from "traditional" networking to Mobile Ad-hoc Networking gives rise to several challenging problems. Mobile Ad-hoc Networks (MANETs) inherit all the traditional problems of wireless and mobile communications, such as bandwidth optimization, power control and transmission quality enhancement. In addition, the multihop nature and the lack of fixed infrastructure bring new issues such as device discovery, network configuration, fault tolerance, scalability, topology maintenance and Ad-hoc addressing. In the last years, many multipath routing protocols have been proposed, but they are not scalable as they use static addressing. To solve the scalability problem, many DHT based protocols were proposed but most of them are singlepath. So they are not fault tolerant against link failures. | Format: Paperback | Language/Sprache: english | 92 pp.



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