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   Sommario/riassunto Mobile Ad-hoc Networks (MANETs) allow wireless nodes to form a
                       network without requiring a fixed Infrastructure Dynamic Source
                       Routing (DSR) for mobile Ad Hoc network. It is a reactive source routing
                       protocol for mobile IP network. Temporally-Ordered Routing Algorithm
                       (TORA) routing protocol is for mobile ad hoc networks. It can be made
                       to operate in both reactive and proactive modes. It uses IMEP for link
                       status and neighbor Connectivity sensing. Internet MANET
                       Encapsulation Protocol (IMEP) is used for link status and neighbor
                       connectivity sensing. It is used by the TORA routing protocol. One main
                       challenge in design of these networks is their vulnerability to security
                       attacks. We study the threats an ad hoc network faces and the security
                       goals to be achieved. We present and examine analytical simulation
                       results for the routing protocols DSR and TORA network performance,
                       using the well known network simulator OPNET 10. 0.