

Review on Applications of Mobile Ad Hoc Network (MANET)

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Abstract: *Mobile Ad Hoc Network or MANET is a group of mobile devices, e.g., laptops, mobile phones, radios, or sensors that communicate with each other wirelessly standard Wi-Fi, cellular, local RF network, etc. and provides the needed network functionality without an existing fixed structure. They can change locations and reconfigure themselves while doing so. Because of their mobility, reliability, and availability, and with the increase of wireless portable devices, ad hoc networking's applications are many. They include the commercial, military, and private sectors. MANET allows information to be exchanged without regard for geographic location or remoteness of infrastructure*

Keywords: MANET, Characteristics, Applications, Mobile Ad hoc Network

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- [3] Enabling technologies, networking, application, and middleware are the three primary levels. The layer which allows technologies may be more separated into a Wireless Body Area Network (BAN), a Local Area Network (WLAN), and a Personal Area Network (PAN) depending on the coverage area (Ramphull et al., 2021)