Abstract

Mobile Ad-hoc Networks (MANETs) are one of the fastest emerging networks. MANET is a unstructured network in which nodes are mobile. This mobility may leads to insecurity in MANET. BFOA (Bacterial foraging optimization algorithm) is a Bio-inspired Algorithm. This algorithm simulates behavior of bacteria that can be effectively applied in various fields. This paper discusses various attacks and their prevention technique in MANET. This paper also reviews Bacteria foraging optimization algorithm and how it can be applied to secure the MANET.

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