Abstract

Location based Multicast Addressing (LMA) is a technique used to distribute information to the multiple nodes surrounded by a particular geographical area. It mainly applied for context aware applications in mobile ad hoc networks (MANETs). In this Location matching process done between middleware of publish/subscribing environment. In this paper introduce, one new feature is implemented for creating context awareness among mobile network to analyze how many users are currently located in the mobile network, and how many of them discarded from the network because of low energy level. The Bandwidth of each node is calculated to know the energy level status. Some of nodes in mobile network utilize more bandwidth. Allocate bandwidth equally to all nodes to avoid packet dropping and also identify the nodes information using keys provided by AES algorithm it is also helpful to improve security in mobile network.

References

Adaptive and Secure Strategy for Multicast Addressing in Mobile Ad Hoc Network


Index Terms

Computer Science

Communications
Keywords

LMA  MANETs  Publish/Subscribe  Context-Aware  AES.