Factors Influencing Implementation of 4G with Mobile Ad-hoc Networks In m-Governance Environment

Abstract

Mobile Governance is at implementation stage in various countries including India. The m-Governance can be a whole range of government services and applications, available via various mobile networks which are designed for a broad range of devices. The m-Governance environment need low cost infrastructure which must also provide high quality transmission and constant connectivity. Mobile Ad-hoc Networks (MANETS) are self-creating, self-organizing, and self-administrating. MANET offer unique benefits and versatility if the environment and application is appropriate and m-governance is one such application. Due to this reason MANETS can be easily adapted to m-Governance. The Fourth Generation (4G) of communication systems, which also combines wireless local networks and cellular networks, are expected to significantly influence the design and implementation of MANETS in m-Governance environment.
In this paper, an attempt is made to provide an understanding of 4G concepts and identify its potential in design and implementation in m-Governance environment of wireless networks such as MANETS. This paper will also discuss factors influencing the commercial deployment into MANET.

Reference


Index Terms

Computer Science
Wireless Networks

Key words

MANET
m-Governance
4G