

TREE BASED KEY GENERATION AND DISTRIBUTION SCHEME IN WSN

AHER NISHA N.¹ AND N. D. KALE²

¹ ME (computer), ²Asst. Professor
PVPIT, Bavdhan, Pune -21, India.

Abstract

Wireless sensor network is become more popular because of its various applications in day to day life. Communication security is one of the most important challenges in wireless sensor network. Key generation and distribution are also important in wireless sensor network, so we have effective security mechanism for that. Tree based key generation techniques uses shortest path matrix and MRD code matrix for key generation and distribution. It raises the security as well as scalability of the network than the other techniques. Communication established between the two nodes and If a node get added after that, then the node information is updated without changing the information of those two nodes.