

AN APPROACH TO OVERCOME PROBLEMS IN UBIQUITOUS NETWORKS

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ABSTRACT

Nowadays networks have become more dynamic and pervasive. They have the capability to connect different types of networks in different inter networking environments. Ubiquitous network provides connection for the computing devices which can be connected to the network from any place and anytime. Ubiquitous networks consist of large number of heterogeneous nodes and variety of access networks. The meaning of the word ubiquitous in Latin means “present everywhere”. The users will be provided with connectivity to the network everywhere and can access the content and can obtain computing anywhere. Ubiquitous networks will be providing seamless connectivity, and services can be provided to all nodes without worrying about the location and context. The ubiquitous networks have to ensure to provide connectivity anytime, anywhere and to anyone.

KEYWORDS: Ubiquitous Network, Wireless Networks, WiFi, WiMAX, Zigbee, IEEE