Abstract

IEEE 802. 11KT MAC protocol is a new proposed wireless network protocol for wireless communication and wired communication. It is an energy efficient and high throughput wireless communication protocol with less delay. This paper is subjected to comprehensive performance analysis between IEEE 802. 11 MAC protocol and a new proposed IEEE 802. 11KT Mac protocol with DSDV routing protocol for random topology using Network Simulator-2. This paper have experimental and analytical simulation observation for important parameters for existing IEEE 802. 11 Mac protocol and proposed IEEE 802. 11KT Mac protocol. This papers observed that a proposed IEEE 802. 11KT Mac protocol is superior in performance than existing IEEE 802. 11 MAC protocol. A proposed IEEE 802. 11KT Mac protocol can be
used as wireless communication network protocol with any type of routing protocol for any type of network topology.

References

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**Index Terms**

Computer Science  
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**Keywords**

Dsdv  
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