Abstract

In the era of Internet of Things (IoT), the recent advancements of information and communication technologies enables deployment of sensor nodes on our human body. Therefore the present health care scenario enables the dynamic and continuous patient health monitoring by configuring small sensors into patients body. Wireless Body Area Networks (WBAN) are one of the special kinds of networks which have been visualized to be a reality in future for remote healthcare diagnosis and patient health monitoring referring the concept of Wireless Sensor Network (WSN). The concept of implementing the pervasive and ubiquitous networks needs proper synchronization in between various heterogeneous networks such as
internet, cellular network along with WBAN. The Heterogeneous WBAN networks require a heterogeneous communication system to ensure quality of services with respect to the reliable data transmission and delivery ratio. This proposed study provides an overview of the state of art techniques towards congestion avoidance strategies in WBAN. The study also highlights various congestion control strategies over heterogeneous communication system to ensure the quality of services. The significant contribution if the proposed study is highlighted over research gap which illustrates the existing research issues associated with the WBAN communication systems.

References

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Index Terms

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Keywords