Abstract

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APPLYING QUALITY OF SERVICE TECHNIQUE FOR BANDWIDTH MANAGEMENT IN JAMMING ENVIRONMENT SYSTEM

This paper about Prioritization which is essential for mission-critical application with an assortment of voice and data services crowding the network. It is important to have Prioritization of mission- and time-critical traffic for optimum utilization of bandwidth for high-value apps and maintenance of quality of service (QoS) levels. With communications convergence becoming a reality today, business success hinges on protecting business-critical network traffic. In such a scenario, management of bandwidth resources has been assumed as most crucial in the development of successful WAN. With a significant increase in the volume of data traffic, this research realizes the importance of QoS policy management, of which bandwidth management forms a part. In this research we developed a computer program which will be stored on a computer readable medium of computer system, this computer program will operate when manage link bandwidth is executed to manage link band width in a communication network having a plurality of routing devices. Also in this application the reservation factor is used for compensating unusual traffic, especially in jamming that are not captured by the standard CAC algorithm.