Abstract

Mobile Ad hoc Networks (MANETs) have been attracting significant attention due to their promising technology. A MANETs consists of wireless nodes communicating without the need for a centralized administration. With the expanding scope of applications of MANETs, the need to support Quality of Service (QoS) in these networks is becoming essential. The resource limitations and variability make QoS support a very complex process. Different applications have different QoS parameters in terms of end-to-end performance, such as bandwidth, delay, probability of packet loss, and delay variance (jitter). This paper provides a survey of issues in supporting QoS based multicast routing protocols in MANETs.

References

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Index Terms

Computer Science  Networks

Keywords

MANET  QoS  Multicast routing  Delay  Jitter  Bandwidth.