Abstract

Most of the challenges in the creation of a publish/subscribe scheme is an effective delivery of message in bounded time and reliability of transmission. Because of the communication in WAN may be affected by the uncertain behavior of the network, in which messages can be lost or delayed. To enforce both reliability and timeliness in a publish/subscribe scheme requires two different approaches: Network Coding and Gossiping. This paper presents the concepts associates with these approaches in the publish/subscribe environment. The objective of this paper is to analyze how these approaches work and what are the impacts after applying it.

References

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Index Terms

Computer Science

Databases

Keywords

Network Coding,Gossipping