Abstract

This paper presents a comprehensive survey on the two most popular transport layer protocols; TCP and UDP. The aim is to understand the key terminologies of TCP and UDP and to understand the key differences between them. This paper lists out the functions and basic operation of both protocols (TCP and UDP) and finally a comparison between the two protocols is presented. In addition, this paper provides a brief survey on the performance of TCP over wireless networks.

References

Survey on Transport Layer Protocols: TCP & UDP

- http://www.difference.com/difference/TCP_vs_UDP. "TCP vs UDP-Difference and comparison."

Index Terms

Computer Science Communications
Keywords
Tcp  Udp  Qos  Ack  Segment  Datagram