Abstract

In this Research Paper, We have evaluated the performance of IPv4 and IPv6 using Windows XP and Windows 7. In this study TCP (Transmission Control Protocol) Throughput and UDP (User Datagram Protocol) Throughput have been compared for protocol IPv4 and IPv6. Experimental results showed that Windows XP provides better results for UDP Throughput than Windows7 & Windows7 can provide better results for TCP Throughput than Windows XP. Results indicated that IPv4 have superior results in terms of TCP throughput and UDP throughput as compared to IPv6.

References

Applications (WAINA), 2011 IEEE Workshops of International Conference on. IEEE, 2011, pp. 308-312.


Index Terms

Computer Science  Networks

Keywords

Ipv4  Ipv6  Windows Xp  Windows 7  Gigabit Ethernet