Abstract

In today's world, Networking have become extremely necessary for providing e-mail, telnet, chat and others services. In these services, computer networks play very important role to communicate, administrate, automat and process the information from point to another points. Hence Computer networks considered the basics of proper functionally in most of the companies and organizations. In this paper, cisco pocket tracer is used as a network simulator tools to simulate and design a network project of company. The paper discussed interconnection between routers, switches and other components in data communication network and how are programmed and configured.

References

2. Nathaniel S. Tarkaa, Paul I. Iannah, IsaacT. Iber "design and simulation of local area network using cisco pocket tracer", the International Journal of Engineering and Science (IJES),


**Index Terms**

Computer Science

Networks

**Keywords**

Pocket tracer, router, switch, VTP, simulator, IP phones, servers, DHCP, VLAN.