



#### TRANSMISSION MEDIA



COAXIAL CABLE



SHIELDED TWISTED-PAIR CABLE



FIBER OPTIC CABLE

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### CONFIGURATION OF NETWORK COMPONENTS

#### AIM:

To study the following Network device in detail  
PC, server, switch, transmission medium

#### APPARATUS REQUIRED:

CISCO packet tracer.

#### 1. Node:

In a communication network, a network node is a connection point that can receive, create, store or send data along distributed Network routes

#### 2. Switch:

It is a computer networking device, that connects network segments, it is network bridge that processes and routes data at data link layer, switch that additionally process data at network layer often referred as multilayer switch

#### 3. Transmission media:

The medium which signal travels from one device to other classified as guided (twisted pair, coaxial, optical fiber) and unguided (radio wave, microwave, satellite)

#### RESULT:

Thus the network component are studied in detail

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