To Describe Components of a network

Problem Statement - 01.

Study & describe the following concepts in your words.

1) Client -:

A Client is any device that communicates with a server. It may be desktop computer, laptop, smartphone or any other network-compatible device. We also called it as a piece of computer hardware or software that accesses a service made available by a server as a part of the client-server model of computer Network.

2) Server -:

In Components of Network, Server is a piece of computer hardware or software that provides functionality for other programs or device. We can also called it, a server is computer program that provides various services. include examples of servers Database servers, mail servers, print servers, file servers, web servers, application server.

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3) **Communication —:**

Computer Connection describes a process in which two or more computers or devices transfer data, instructions, & Information. In other words, Communication is the exchange of information between two or more things such as people, devices.

4) **Protocol —:**

In Components of Network, Protocol is an established set of rules that determine how data is transmitted between different devices in the same network. Protocols enables computers to communicate with one another.

5) **Port —:**

In Components of Network, a port is a communication endpoint. A port is a logical construct that identifies a specific process or a type of network services. A port is identified for each transport protocol & address combin⁹ by a 16-digit (bit) unsigned number.

6) **Network —:**

Computer Network, two or more computes that are connected with one another for the purpose of communicating data electronically. These Interconnections are made up of telecommunication network technologies.

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