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?1 How to search on google like a professional?

Tips:

Exact match: we use double quotes to match our query directly.

For the search on the given site: we use search things:site name.

For exclude and include we use – or + respectively.

Multiple things or

Only search for topic inurl:serach website.

Allinurl same as for title and text.

Filetype:filetypename

Link:search website name

For update information we use after:date

Cache:site name

Introduction to Internet:

Switch : it is a device which helps to communicate between computers in a office or very close distance system was present.But for the connection we use cables to connect this device to each other which was cat 5 and cat 6

Switch cannot work on wireless technology.

For wireless technology we use acess point.

LAN(Local area network): it is a collection of devices which are restricted to a certain area and connect system to each other. For Lan we use switch devices.

Some information that send by computer to other computer in lan network is called packet.

Ports present in switch device it is called lan ports.

Router: It is the device which provide internet through service provider and switch but to communicate between device we never need router.

Internet: Connecting to the internet means connecting to the computers in anywhere in the world.

Home router is a device which is a combination of router and switch which has access point also and it is suitable for small area only.

Routing table is a table which tells packet to their Path.

When router create their routing tables then they consider all the case with the number of points in order to consider the shortest path also.

Congestion control: it is a situation when traffic was high to one router then this router will change its path to lower traffic router to handle the situation.

Internet definition: it is the network of networks.

Packet transmission is the basic of the internet connection to the world that send some packet of data through transmission lines.

Streaming is technology in which a server send video in a part way.

WAN(wide area network):

It is the combination of system that are present in lan but in different parts of the world by which all the system communicate in a same network.

Why we need a Wan?

Since internet is a public medium to transfer information so it it will easily accessible and can be modified but through we create a secure network between internet and systems. We create Wan network by using VPN.

VPN(virtual private network): it is tunnel like between all the system that will ensure privacy,annomyity,and security on the internet.

Switch is used to create a Lan and router is used to create a wan.

Internet service provider:

It is a company that enable us to connect to other computer by paying a certain amount of money.