

## **Internet**

It is a worldwide/global system of interconnected computer networks. It uses the standard Internet Protocol (TCP/IP). Every computer in Internet is identified by a unique IP address. IP Address is a unique set of numbers (such as 110.22.33.114) which identifies a computer's location.

A special computer DNS (Domain Name Server) is used to provide a name to the IP Address so that the user can locate a computer by a name. For example, a DNS server will resolve a name `https://www.tutorialspoint.com` to a particular IP address to uniquely identify the computer on which this website is hosted.



Internet is accessible to every user all over the world.

## **Intranet**

Intranet is the system in which multiple PCs are connected to each other. PCs in intranet are not available to the world outside the intranet. Usually each organization has its own

Intranet network and members/employees of that organization can access the computers in their intranet.



Each computer in Intranet is also identified by an IP Address which is unique among the computers in that Intranet.

Similarities between Internet and Intranet

- Intranet uses the internet protocols such as TCP/IP and FTP.
- Intranet sites are accessible via the web browser in a similar way as websites in the internet. However, only members of Intranet network can access intranet hosted sites.
- In Intranet, own instant messengers can be used as similar to yahoo messenger/gtalk over the internet.

Differences between Internet and Intranet

- Internet is general to PCs all over the world whereas Intranet is specific to few PCs.
- Internet provides a wider and better access to websites to a large population, whereas Intranet is restricted.
- Internet is not as safe as Intranet. Intranet can be safely privatized as per the need.

## **Growth of the Internet**

The Internet is defined as the worldwide interconnection of individual networks operated by government, industry, academia, and private parties. Originally the Internet served to interconnect laboratories engaged in government research, and since 1994 it has been expanded to serve millions of users and a multitude of purposes in all parts of the world.

In a matter of very few years, the Internet consolidated itself as a very powerful platform that has changed forever the way we do business, and the way we communicate. The Internet, as no other communication medium, has given an International or, if you prefer, a "Globalized" dimension to the world. Internet has become the Universal source of information for millions of people, at home, at school, and at work.

Internet is changing all the time. Two things, in our opinion, have marked it's evolution recently: the social web and mobile technology. These two innovations have changed the way people use the Internet. In the social web people have found a new way to communicate. Since its creation in year 2004, [Facebook](#) has grown into a worldwide network of over 2,230 million active users. Mobile technology, on the other hand, has made possible a much greater reach of the Internet, increasing the number of Internet users everywhere.

The Internet continues to be the most democratic of all the mass media. With a very low investment, anyone can have a web page in Internet. This way, almost any business can reach a very large market, directly, fast and economically, no matter the size or location of the business. With a very low investment, almost anybody that can read and write can have access and a presence in the World Wide Web. Blogging has consolidated the social media and the people everywhere are expressing and publishing their ideas and opinions like never before.

# History and Growth of the Internet from 1995 till Today