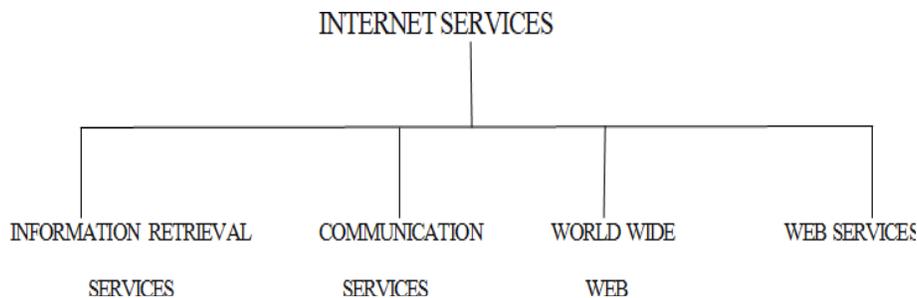


Lecture Notes for Data Communications for CCA Programme

Unit 6 - Services on Internet

Internet Services allows end users to access enormous amount of information such as audio, video, text, graphics, sound, software, and even idea over the internet. Following diagram shows four different categories of Internet Services.



Information Retrieval Services

Following table gives a brief introduction about these services:

S.N	Service Description
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1	File Transfer Protocol (FTP) Allows to transfer files between any to machines.
2	Archie It's updated database of public FTP sites and their content. It helps to search a file by its name.
3	Gopher Used to search, retrieve, and display documents on remote sites.

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Communication Services

Various Communication Services are available that offer exchange of information with individuals or groups. Following are the examples of these services:

S.No.	Service Description
1	Electronic Mail Used to send and receive electronic message over the internet.
2	Telnet Telnet is a terminal emulation program and allows a user to on a remote machine allows accessing the resources of another machine.
3	Newsgroup Offers a forum for people to discuss topics of common interests.
4	Internet Relay Chat (IRC) Allows the people from all over the world to communicate in real time.
5	Mailing Lists Used to organize group of internet users to share common information through e-mail.
6	Internet Telephony (VoIP) Allows the internet users to talk across internet to any PC equipped to receive the call.
7	Instant Messaging Offers real time chat between individuals and group of people. Eg. Yahoo messenger, MSN messenger.