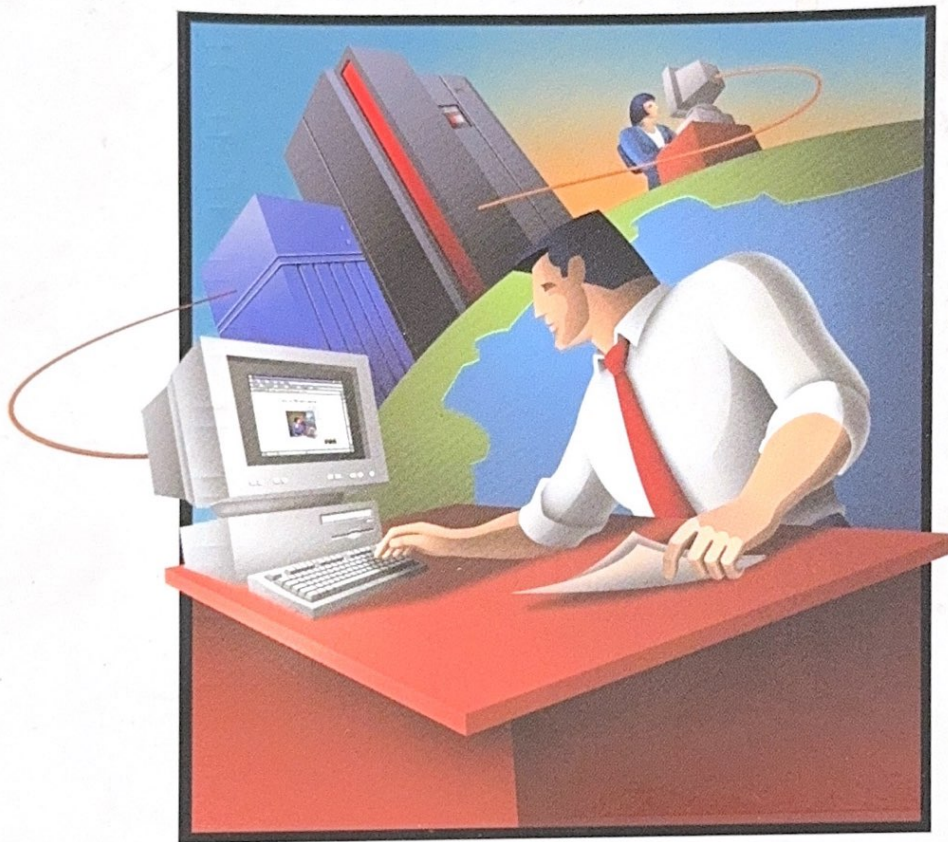
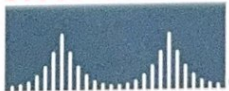
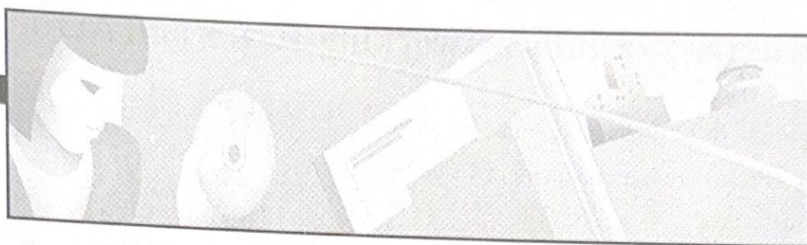




DICTIONARY OF
INTERNETWORKING
TERMS AND ACRONYMS

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attenuation

Loss of communication signal energy.

attribute

Form of information items provided by the X.500 Directory Service. The directory information base consists of entries, each containing one or more attributes. Each attribute consists of a type identifier together with one or more values.

AU

access unit. A device that provides ISDN access to PSNs. See also *PSN*.

AUI

attachment unit interface. IEEE 802.3 interface between an MAU and a NIC. The term AUI also can refer to the rear panel port to which an AUI cable might attach. Also called *transceiver cable*. See also *IEEE 802.3*, *MAU*, and *NIC*.

AUP

acceptable use policy. Many transit networks have policies that restrict the use to which the network can be put. The enforcement of AUPs varies with the network.

AURP

AppleTalk Update-Based Routing Protocol. A method of encapsulating AppleTalk traffic in the header of a foreign protocol, allowing the connection of two or more discontinuous AppleTalk internetworks through a foreign network (such as TCP/IP) to form an AppleTalk WAN. This connection is called an AURP tunnel. In addition to its encapsulation function, AURP maintains routing tables for the entire AppleTalk WAN by exchanging routing information between exterior routers. See also *AURP* and *exterior router*.

AURP tunnel

A connection created in an AURP WAN that functions as a single, virtual data link between AppleTalk internetworks physically separated by a foreign network (a TCP/IP network, for example). See also *AURP*.

AUSM

ATM user service module.

authentication

In security, the verification of the identity of a person or a process.

A