

SDSU Computing Terminology

(<http://rohan.sdsu.edu/glossary.html>)

Term	Definition
AzNET	A dial-up Internet Service for a fee provided to SDSU students, faculty, and academic staff through zNET. Includes a computer account on their host computer. The accounts will allow TELNET access to Email via mail, elm or pine, and POP access via Eudora.
DNS	Also known as Domain Name System . The Domain Name System (DNS) is a distributed database used by TCP/IP applications to map between hostnames and IP addresses through a resolver. The resolver gets the hostname and returns the IP address or gets an IP address and looks up a hostname. For SDSU, DNS services use the following IP addresses: Primary DNS Server 130.191.1.1 Secondary DNS Server 130.191.229.14
Firewall	A mechanism that isolates a network from the rest of the Internet, permitting only specific traffic to pass in and out.
POP	Short for Post Office Protocol , a protocol used to retrieve Email from a mail server. A protocol is an agreed-upon format for transmitting data between two devices. Eudora, an Email application, uses POP protocol.
ROHAN	The central academic host computer (computer system to which multiple users are connected). Computer accounts on ROHAN are for SDSU students, faculty, and academic staff. The accounts will allow TELNET access to Email via mail, elm or pine, and POP access via Eudora. ROHAN also provides SMTP server service. Eng, Kahuna, Lifsci, Mintaka, and Saturn are also host computers that allow multiple users to connect. Computer accounts on these are for students, faculty, and academic staff belonging to the specific department/college that manages the host computer. The accounts will allow TELNET access to Email via mail, elm or pine. Some may allow POP access via Eudora.

Term	Definition
SDSU modem pool	Consisting of 288 modems dedicated to provide free, unlimited Internet access to faculty and staff. 48 modems are for students and provide them free but limited Internet access.
TACACS	An authorization account and password system used by the SDSU modem pool . Involves logging into the SDSU terminal servers to gain access to SDSUnet (campus backbone network) and connect to an academic host computer (see above).
TELNET	The Internet standard protocol for remote login (terminal connection) service. TELNET allows a user at one site to interact with a remote computer system at another site as if the user's terminal were connected directly to the remote computer.
PC or X Terminals	Fancy dumb terminals that require users to have an account on a host computer. PC or X Terminals DO NOT have floppy or hard drives and ONLY DO things on the host computer in the user's account. Host computers allow TEXT processing, NOT Word processing. PC or X Terminals allow TELNET access to all host computers. X access is granted by some host computers (i.e. ROHAN).