THEnet

Address:
Texas Higher Education Network Information Center
Commons Building Room 1.156A
Balcones Research Center
10100 Burnet Road
Austin, TX 78758-4497

Email:

THEnet (DECnet):	THENIC::INFO
BITNET:	INFO@THENIC
Internet:	info@nic.the.net
SPAN:	UTSPAN::THENIC::INFO

Phone: (512) 471-2444

Description

The Texas Higher Education Network (THEnet) was formed in 1986 through a combination of networking efforts at Texas A&M University, the University of Houston, the University of Texas Health Science Center at San Antonio, and the University of Texas System. It covers the state of Texas, with a link to the Instituto Tecnologico y de Estudios Superiores de Monterrey in Monterrey, Mexico. THEnet's goal is to provide and advance the electronic exchange of information in support of the teaching, research, development, and related collaborative activities of the Texas higher education and research communities.

THEnet is not a homogeneous network utilizing a single networking protocol. Rather it is a network of physical connections between and within organizations making various use of IP, DECnet, SNA, RSCS/NJE, OSI, and compressed digital video. It provides researchers, faculty, and students the networking "tools" that they need for their particular situations. THEnet currently connects over 60 institutions, and consists of approximately 1600 DECnet nodes, over 5000 IP hosts, 128 BITNET nodes, 10 IBM mainframe hosts connected over SNA, and 6 systems running OSI.

Network Services

Network information and operations management are provided through the ection5-thenet.tblUniversity of Texas (UT) System Office of Telecommunication Services (OTS). The OTS provides both network information center (NIC) and network operations center (NOC) services to THEnet member institutions.

Informative documents are available on node nic.the.net (Internet) via anonymous FTP, and THENIC (DECnet) via default DECnet file access. See the file THENET.INDEX for a list of available documents.

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Network Access

THEnet is an NSF regional network, with access to the NSFNET backbone through the NSS (Nodal Switching Subsystem) at Rice University in Houston. THEnet is connected to the Space Physics Analysis Network (SPAN) by DECnet routers at the University of Texas at Austin and NASA Johnson Space Center. Access to ESnet and HEPnet (ESnet-DECnet) is also provided through UT Austin, an ESnet backbone site. THEnet has external BITNET connectivity provided by Rice University via connections to the University of Missouri and Louisiana State University and by their participation in the BITNET II project (NJE over the TCP/IP-based Internet).

Who Can Use the Network

Queries about membership or additional information should be directed to the postal address or one of the electronic mail addresses given above.