

Sesquinet

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Description

Sesquinet is a regional network in Texas. It was organized in 1986 specifically to fill the regional network role within the NSFnet scheme. It has been operational since May 1987.

Sesquinet is primarily an IP network, and connects directly to the NSFnet backbone via an NSS at Rice University.

In cooperation with THENet we also carry intra-state DECnet Phase IV that can be passed to SPAN/HEPnet.

Our original and slowest lines are 56kb/s, and these remain the normative circuit technology for access from individual sites. We are deploying T1 circuits in two ways:

- In cooperation with THENet, we are building an intercity redundant high-speed backbone. Initially, this will be a T1 triangle connecting Houston (Rice University), Austin (the University of Texas at Austin), and Dallas (the University of Texas at Dallas).
- In addition, some individual sites are connected to this intercity backbone via T1 circuits. The Baylor College of Medicine is the first to do so.

Throughout this network, cisco gateways are used.

Current members include universities (e.g., Rice, the University of Houston, Texas A&M University, and Texas Southern University were charter members), research laboratories (e.g., the Southwest Research Institute), and industrial organizations (e.g., Rockwell International).

Network access

Any IP host of any member organization may access Sesquinet.

Who Can Use the Network

Any of the members can exchange traffic with any other member for any purpose. Any member may use any of the long-haul networks Sesquinet has connections to, subject only to the restrictions of the owner of the long-haul network.

Miscellaneous Information

See also, THENet.

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