SUNET

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Description

SUNET, or the Swedish University Network, interconnects local and regional networks at universities in Sweden. The goal of SUNET is to provide good data communications that are beneficial to the universities. The network is used by researchers and teachers of all disciplines. SUNET provides Swedish academic and research users with network resources for communications both within Sweden and around the world through electronic mail, remote login, file transfer, and other methods.

SUNET is a protocol-independent network based on Ethernet (IEEE 802.3) interconnections. Currently only IP and DECnet (and EARN) are carried over the backbone. The configuration of SUNET is a backbone star network centered at KTH in Stockholm with 64 kbps lines interconnecting the local Ethernets to one nation wide Ethernet. The lines are interconnected via remote bridges (Vitalink). Routers are used to support the various protocols: Cisco for IP and VAXes for DECnet (and EARN). SUNET also maintains a separate X.25 network.

There are two interconnected central mail hubs, one for IP/SMTP, RSCS/BSMTP and VMS/Mail and one for EAN/X.400 mail.

There are (at least) 3000 IP hosts and 650 DECnets in SUNET.

SUNET has international connections to

- EARN (via NORDUnet)
- EUnet via NORDUnet
- HEPnet via NORDUnet
- NORDUnet
- NSFNET via NORDUnet
- SPAN via NORDUnet
- EANnet

Network Access

It is possible for any IP host on the Internet to access SUNET.

Who Can Use the Network

SUNET may only be used for academic and research traffic.

Miscellaneous Information

See also the information about NORDUnet.

For more information about SUNET contact:

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