

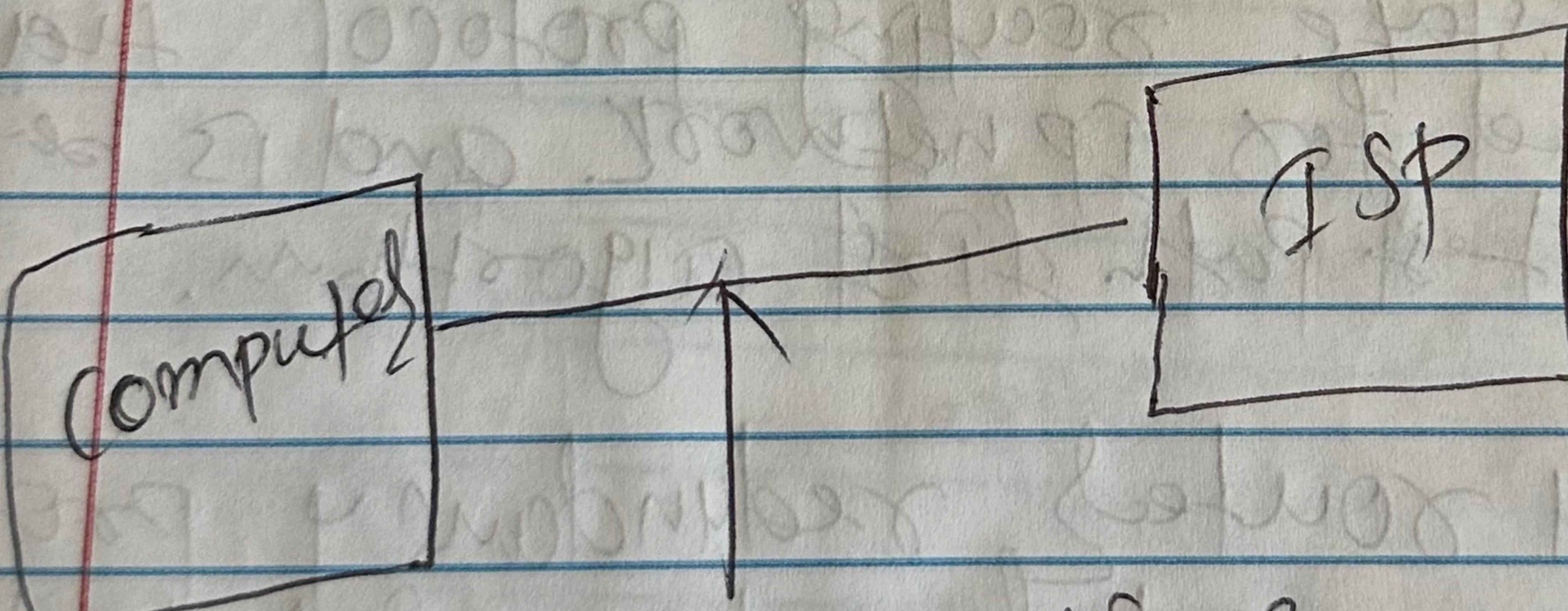
SNMP manager

SNMP clients

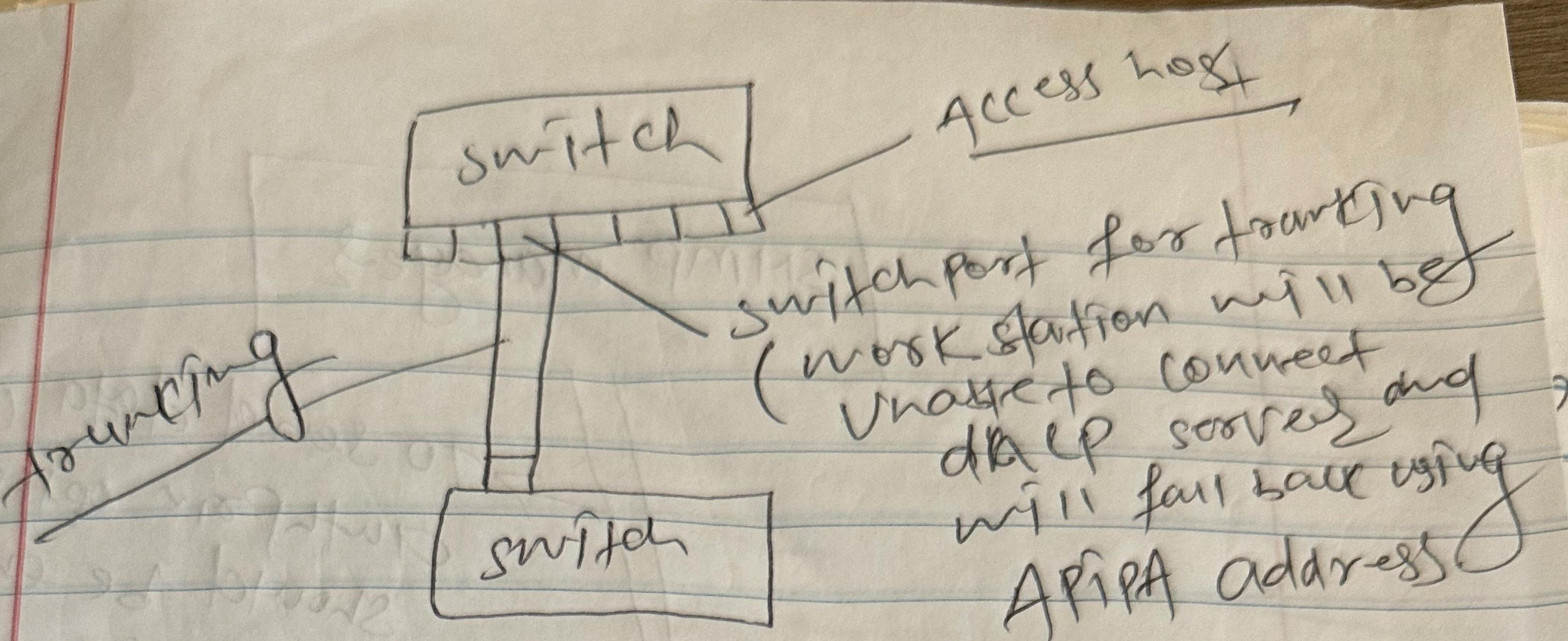
→ To send data confidentially
authpriv option
should be enabled.

Authpriv uses
MD5 and SHA
for authentication
and DES and

AES for
privacy and
encryption



Analog modem → is a device that convert
computer digit pulses to tones that
can be carried over analog telephone
lines and vice versa.



switch port for forwarding
 (work station will be
 unable to connect
 to DCEP server and
 will fail back using
 APIPA address)

APIPA is configured by default on clients
 and servers devices.

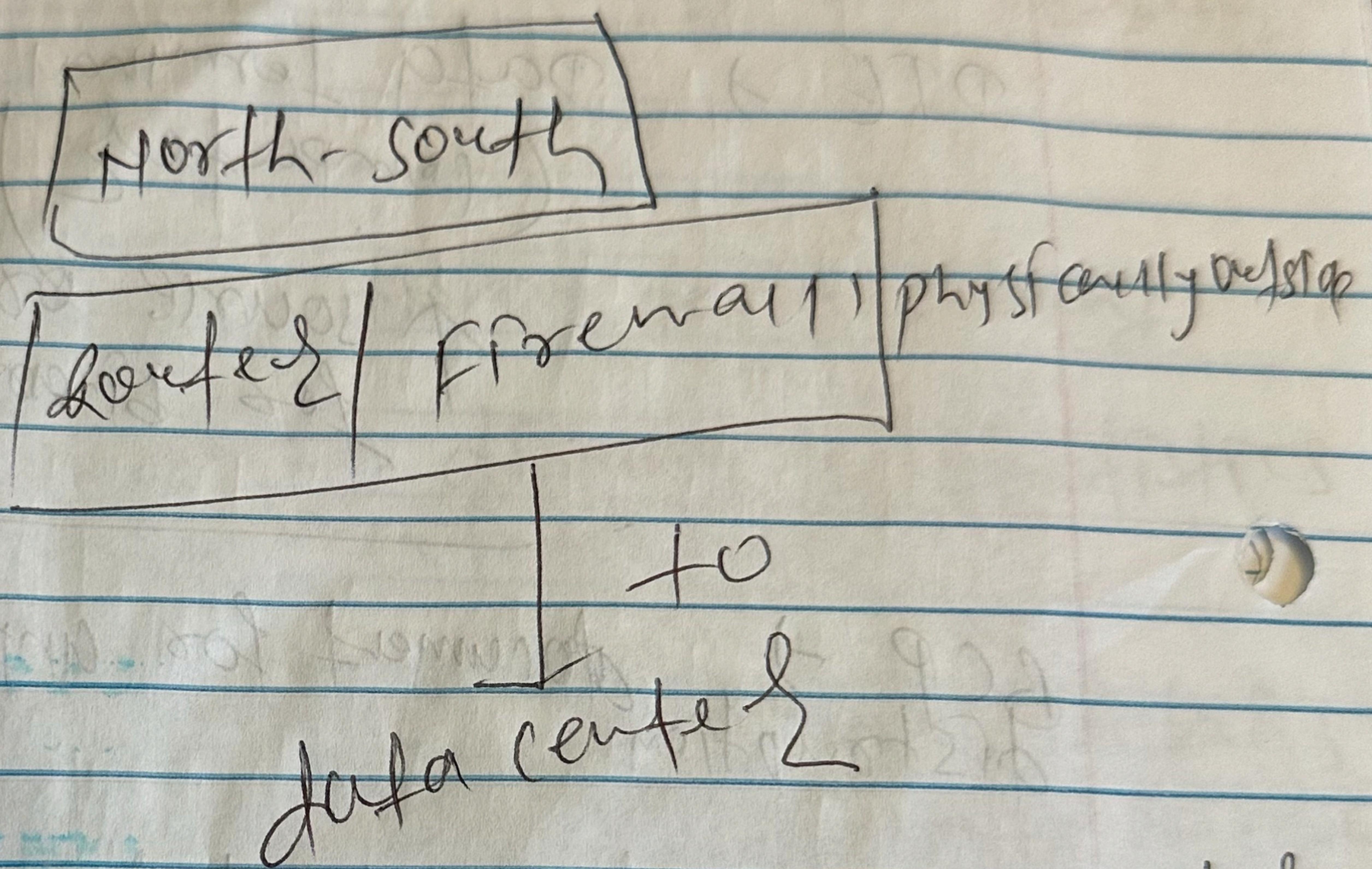
Bandwidth saturation - occurs if too
 many devices are on one WAN link.

OSPF → Open Shortest Path First is
 a link-state routing protocol that was
 developed for IP network and is based
 on Shortest Path First algorithm.

virtual routes, redundancy protocol
 → is a computer networking protocol
 that provides for automatic assignment
 of available internet protocol routes
 participating hosts.

wavelength mismatch

when SFP uses two types of
transceiver,



North → traffic exiting data center
south → entering to data center

East-west → within datacenter

classless routing protocol

{OSPF, EIGRP, RIPV2}

DCE → Data circuit-terminating equipment.
ex- modem ↓

signal conversion

DTE → Data terminal equipment
(computer)

↑ source or destination
for binary digital data

BGP → document for unplanned service disruption

DCP → national ARRESTED
Cyber Affairs, and other informed outages
cyber disruptive.

incident response / detect & respond
and recover from network security
like cyber crime, data loss, source
outage.

logical diagram :- is used to illustrate the flow of data across a network and is used to show how devices communicate with each other. These logical diagrams usually include the subnets, ^{network} most objects and devices, routing protocols and domains, etc.

show config :- display device current

show interface :- display the statistics for given interface

show diagnostic :- display details about the hardware and software on each node in a network device

show route :- display the current state of the routing table.

DSL - phone, internet

Digital subscriber line | Dialup
↓
phone line

DSL is the other type of internet connection that uses RJ-11 connection to phone line.

DOCSIS modem :- is a cable and would require a coaxial cable with an F-type connector.

eDiscovery :- eDiscovery is the term that refers to the process of evidence collection through digital forensics. eDiscovery is conducted during an incident response.

Teredo Tunneling :- Teredo is a technology that gives full IPv6 connectivity for IPv6-capable hosts that are on the IPv4 Internet but have no native IP connection to an IPv6 network.

Physical network diagram:- Is used to show the actual physical arrangement of the components that make up the network, including cables and hardware.