Aggressing bupper C MAC address for NIC-networkinterface cond. Mique. € 48 bits globally unique - controlled by IEEE. has to be unique Migue to notwork - Some muc - both sender will reache L first 3 byter= vendo-. ie. 8C EC 4B xx xxxx. Interfere cons. - every node in a given subject / LAN how to i.e. where the frame be unique. will be seed to. - your responsibility to onome 2 device do not Call Is for broad cont. have the same MAC. Etherset - technology to, UNK layer

_ Choop & Eart.

Preorder, destably, are able, type, deta, cic.

| of upper error detected. |
| of upper error detections |
| chamber partial move to higher layer is consect. multiplexing. |
| multiple network produceds.

telling clock frequency

Shared	Link
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· Coaxial bus - broadcout LAN - all no ke collish is each other. Single point of failure Very dow. . Star topology - Hub - amplify bits received simulatu a bus. cheep, limb is a single point of failure but easier to maintain. Slow, high whition, no CIMA/CD. Smith Line layer terrice - can upont or frames. No coll nion for all hto faces /poot. Store & formers - how boutter, non't overflow.

enables wealtiple transmission. Scleetively forward frame. transporent. - interface port to not have their own MAC address. No TIL -> : No loups in Network. - spanning tree else luft overlow. TTL for Switch Converting table. hosts -· records feater - location pair · Straight forward fromming · If no entry, broadcout to all other. Carail southy to resting interface) · Deceived a frame for a location that is the some as senter -) tropped · TTL for MAC - interface pairing. LIF you move, need to send a percent first to

establish new altres.

T-ull implex conble - no collision from Inthny & receiving.

Etheret no 11 albreis.

La way to conver using a table.

ARP TOBLE.

IP NIN: MA(ash : 7TL.

time after which will be bryother.

Create the frame for the next hop

=) dest mac add for rower etc.

=) not invisible

Us if agreen + Ng-to-Ng.

gateway