ATM LAN Emulation

+ LAN Emulation, also known as LANE, is an ATM

te chology that emables LAN traffic Such as

Ethernet frames to be carried over an ATM

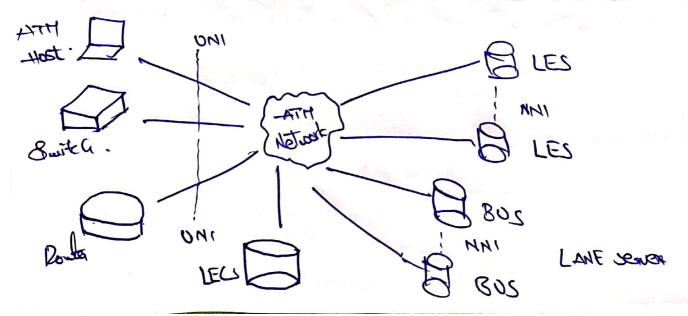
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& LAN emulation (LANE) lets you use ATM as a backbone. For Connecting LANS.

ATM and Ethernet technologies. are difficult to Connect because ATM is a Connection -oriented technology and Ethernet is a broadcast based Connectionless technology.

4 Ethorest frames and ATM Cells are different in format and addressing.

A III mut support MAC-to-ATM address napping.



Lours Address:

a sessurce on the Ethernet LAN, the clients sends an address resolution message (ARH) to the LANE Revented 1000 nogotod in 2000 tolog

4 which forwards the message to a bridge or souter corrected to the Ethernet.

at IP bridge or souter knows the destruction mac address, et acts as a proxy and forwards the message to the doe tention client.

& If it doesn't know the doestrution mac address "+ relays the message to the broadcast unknown Sewer (BUS) 2 del testo besting beared

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LANE Operation.

4 France Converted to call by SAR.

* Pape Ethernet Add to ATP Add.

ANE Components :- automotion nontrengtion estavoir +

- 1) LAN Emulation client (LEC)
- 2) LAN Emulation Server (LES)
- 3) Broad Cast and Onlenous Senser (BUS)
- 4) LAN Emulation and Configuration Server (LECS).

القيد

+ Emulates a LAN Election over an ATH end station. This device enables Communication among ATH end Stations or between ATH end States and end stations on connected legacy LANS. LES! + Resolves MAC addresses for 800.3 LANG and Source soute descriptors for 802.5 LANG into ATM addresses. + All LECs are required to connect to the LES

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+ foorwards inothal unicast data with unknown ATM addresses, broad cast data and multicast data. use required to Connect to the Bus

4 Asovides Configuration enformation for the LECs.

(sel) troits nothing has (3) Used transform Server (LES)

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