Notes Composs Exam (17 a) PHY might just get corrected by PHY chip. due to Forward Error Correction (EEE 802.3 exp dropped due to longe arout of errors uncorrectable. Error Control Encodes b). Ethernet CRC32. deterts evers in frome. limited - can detect cortain errors ( cold still miss) -> can correct single-bit error C) if checksum Ut detect errors in headers. Switches / intermediate machine might introduce erry Ub no checksun at all L2 has checken uy has checksum UDP mandatory that includes 13. now

Into domin souting. Ter 1. ISP. AS relation ship.
Ther 2 Custoner - provider. Basic big AS paid. Alternative: peering Intr-Donain Routing Grouds. 1. Scalability track networks / IP prefixes - assign IP hierarchically 770k Ases and 800k pre-fixes 2. policies! not portonnere. - routing-commercial agreements - cooperate under competition Intra-Domain not apporiate. DV-LS cant scale not support for
policies.

Show test path X

Loops, slow converged Connecist

agreenents

BGP! computes path (hides info).

of multiple Asses: - Ases exchage high-lack info. AS-lead paths. - Scalability & supports the Internet's business nodel. - each AS inpl. outonous nouting choices Each AS solects one anny the routes it receives for the same destruction. Route Selection based on advertiser. Custar > poer > provider. routes of customs. / ISP own address are advertised.