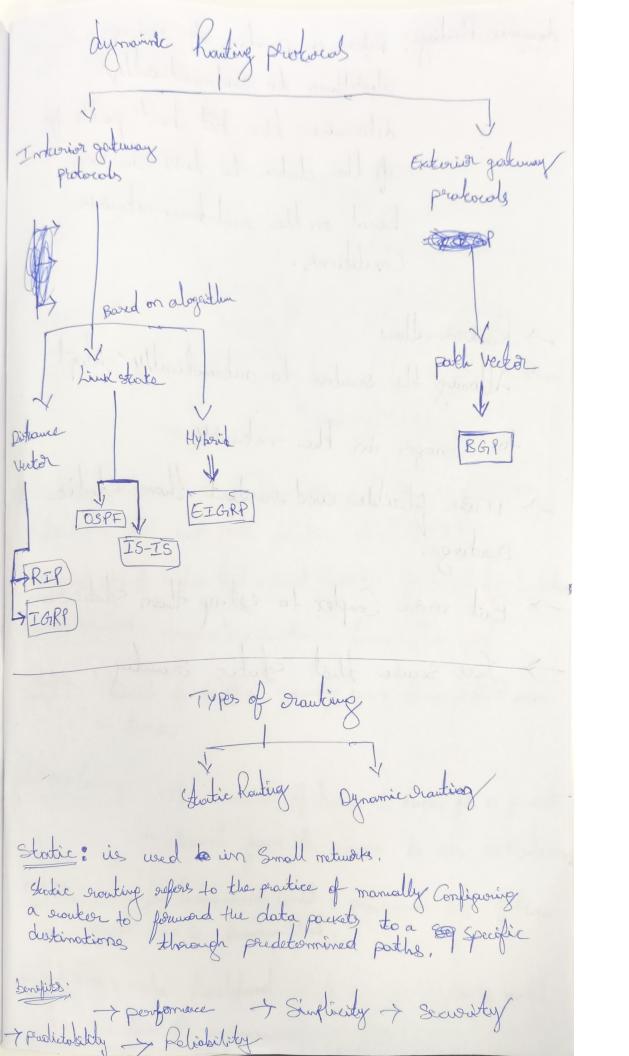
LANZ

Thouter Contains OS, interms processes and morney of vised us wireless 3 Some are physical of logical (violenal) ) Integrates or works bound on IP addresses. I determine the best path for data to travel from Someto distinction @ between two networks. -> Routing protocols are used to Colculate the most efficient way. -> Ranter Can filler block a broad lost domain tracinity -> " monitar & filter touffice I ports of violety 3 port. -> Console -> LAN port -> WAN PORT => ex: footethernet > LAN pode administrative acces > Console Serial ports are -> WAN ports the Connutes to different notworks. -> No houtear Mo Intoinet.

1) AS: is a sindependent Independent 3 Collect of retainsks that core superinred and managed by Single administrative entity like ISP (Independ Service Promision) ASN > 16 bit identifion rumber Router board on AS Interior Router Exterior Router Interior Ranter are used to deliver the It packs De within the a Autonomus System. Exterior howers: are used to deliner the If Packet across the kno different Automornes Systems. > howling Proteous are the set of only and appointly that enables prompos to eachage Information about the network and Choose the best patch for data to be transmitted



dynamic Routing: Refers a practice of wing algorithms to automatically determine the best path for the data to take decision bound on the real-time network Conditions. -> Ranting allow Allowing the Dronkers to automobically orderst to Changes in the network.

The placeble and reviliant than sharing. -> But more Complex to Solrup thom Studie Iron -> Less seure that skatic Tranking,

Reliability Rawling Lateray/ Delay & Routing metorics are values we used by routers to determine the best path to the destination. flop Court: No. of Junters that a parket vie passer, to reach the deskidion Bandwigth/Cost: Higher bandwidth = lower the Cost. Traffic: Amount of toughtie Coveredly being transmitted over a link, delay Laterry: The amount of time it takes for a packet to toward from its Source to its distriction MTU: maximum townsmission unit: maximum size of the packet Can be knownitted. Reliability: The likelyhood that a given link will fail @ experience errors.

Routing Photocols Interiorgaturary