Module - 2: Application Layer - 5
Friday, February 4, 2022 10:52 AM Andhoritative DNS Sewer ? They are present in every network. Local DNS Server. I Implementation: either on the same or A-type

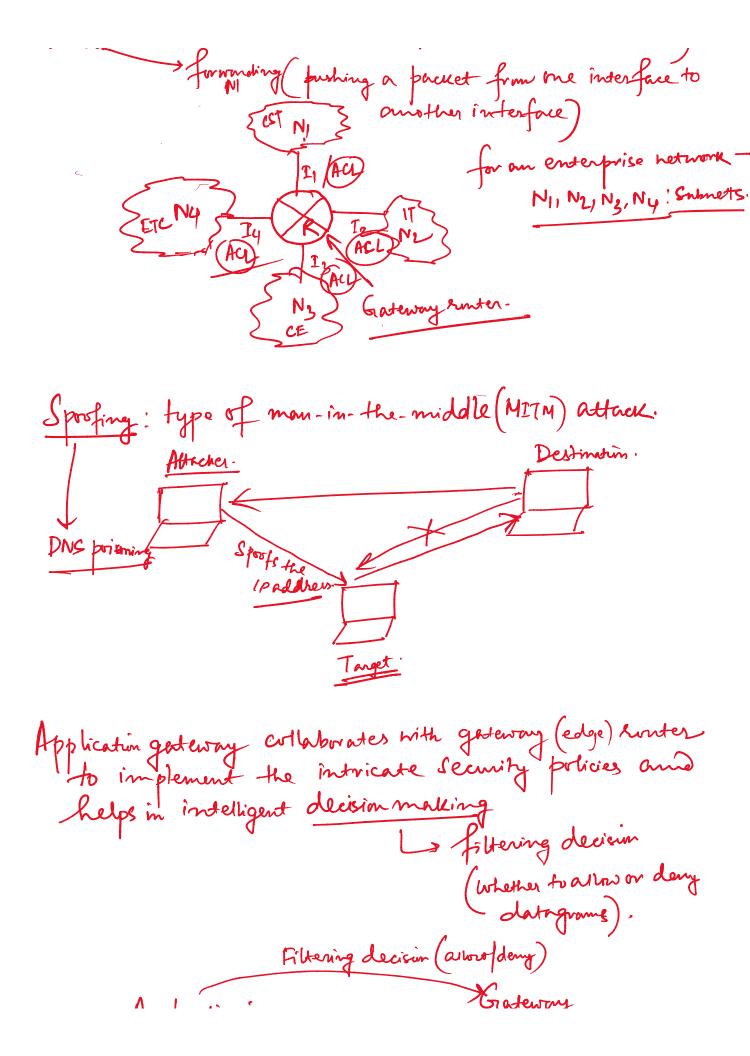
A-type

D milled A-type

* | Keeps records of publichy accessible

* resources of a network. (Web sewer(s), mail sewer(s))

** In DNS gneries running from the Internet. (1.e. for incoming regrests) I acting as a client by forwarding the DNS address resolution queries to hierarchical DNS servers (i.e. for outgoing regrets) Occasionally, it can act as server if the answer to the DNG grey is available in its botal cache. Three-way Handshaking Protocol. - establishing TCP connection between course and destination Connection is SYN+ ACK terminated by Sending a TCP segment with Fin set to 1. 7 (1) SYN flooding Dos attnews = 2) ICMP echo regrest packets. , ronting (computing the optimal from the source to the destination) -> forwarding (bushing a packet from one interface to



Grateway destagram (each and every datagram) Chewing of application. Rade-off application gaterrays implemented on the Same end system delay pphistingateways different end Systems Implementation of non-trivial and intricate
beauty policies.

H HTTP- Web FTP - File Shaving SMTP- emil DNS - address TELNET