TCP connection 30/3/33 Among the Goldings in TCP segment in SYN segment and the SYN organist only the SYN that they is side SYN segment coses only the SYN that they is side SYN segment coses. The senier replies with a SYN+ACK segment. In SYN+ACK segment. only two Mags are set: SYN & ACK Plages The SYN signent is and for communication in seemen solient direction. The ACK Hay is an acknowledgemed of the fixed SYN Seed by the client. Her 3 aggment. In the ACK signed only the ACK flog is set The Nek signed does not cise any Sequence number. SYN Slooding atlack'-1) Denial of service type. 2) Client sends multiple BYN sugments coming take 19 in the source address. 1) The senver nesponds to each fake 5/1) express mes oumes for forterne communications. 4) As a manif. The museumen of a semica on be embassated by using fake It as some relatives.

Solutions: 1) Time barrel constraint 2) Ident Restricting 1Ps. 3) Withholding Resources. onnection establishment Data Treamster Connection Termination 1) Client sends a FIN segund, when the FIN fleig 8/ep-1,2,3 is set it might contain the last of data from clied. 2) Servere replies with FM+ ACK, who both FIND ACK flowers are cet. FINI 1 ACK, can conny the last of data from server side. 3) The Finally the client replies by ACK segment. It () contains no data, hence does not nued sequence number FCP Flow control: TCP provides flow control servine control cering 1) Sequence Number. 2) Acknocoledgend Number. 3) Flow control Algorithms: En'- Stop SWait ARQ Goback- N- ARQ Sliding Window -