IPProtocol.

TCP/IP layer: 1) Why we need I padde if Elready Rove MAE Address? I Pirs connection less., provides a one-off has services.

I Player provides the fragmentation of reassamble service.

for data transmission. (QN) provide sequence no since packet

cum come in a scortal order.

The time-to-live leger? Payer f.

path

Charmel Black path

Cell datagram = packet = frame

field decreased when traversing

Time thru eah routers, if it reaches of TCP/ thru each routers, if it reaches O Vivial 3 P A TM SP Channel MAC MAC Station Physica IP | bladest, -> die out. 51 < robber implemetation. MAR as it does not care Phy abothe content, only the routing. Biggest advantage of IP is flexible, = its not trad to.

any path (i.e. goes. any path (i.e. goes. anguhere does not require to program "Robust" = can add another layer (TCP). IP Routing: for next semester!

	Z long distance comm link Symbol.
	No routing is discused.
	IP datagram life: refer to TIL.
Zw	IP datagram life: refer to TTL.
	Jest consistent data: Jest port fragmentation at dest > more fragments to deal with, but less cost forter > less fragment, but more computation. I buffer; more cost, only uses the let one, reassemble at dest.
D-	1 do conter > lass fragment, but
	more, on putation. I buffer prove
	C824
LANTP	only used the 1st one, reassemble at dest.
tre	medation, original IP datogram is split into multiple.
Ka	generation: original IP datagram is split into multiple. generates, each hos the dest address, the freet (position of fragment in the original datagram).
The	fragment in the original datagram).
	peter = 86il- 208 in octet (8 bit)
(20	26 in 64 bit.
\downarrow	26 M. SA PA.
	Tror & flow control.
	glow control pocket -> include the timing that its
	not free in × secs (mins)
	-> this reset the Waiting time.
	IPM defined in RFC 791 (Reguest For Commet)
	Mogn about Il v6
	PJ4 harder: 20 bytes minimum (5x4)
	fields: version: 4 or 6: 4 bit sige, max(15).
	- IHL: IP header link: Sige of the IP header.

Sixe of the IP hoofer - 5 × THL
Size of the IP hoofer = 5 × IHL (or number of rows in IPHeader)
* DS; differential service;
of Total length: 16 bit size, specifies the total length of the packet incl. header
packet incl. header
* Empty bit: ECN bit, congestion indication.