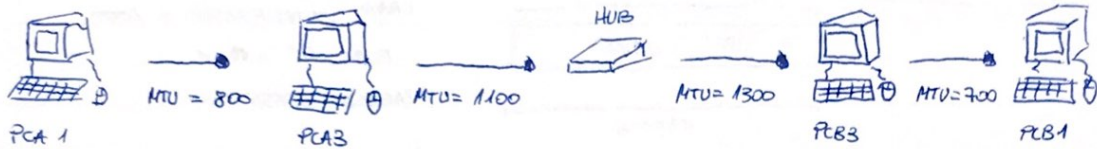


## FRAGMENTACIÓN P1.1

PAQUETE DE PCA1 A PCB1



### MTU

PCB3 (eth0) = 800

PCB3 (eth1) = 1100

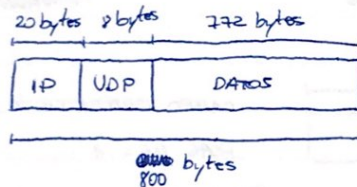
PCB3 (eth0) = 700

PCB3 (eth1) = 1300



MANDO UN PAQUETE (DATOS = 1400)

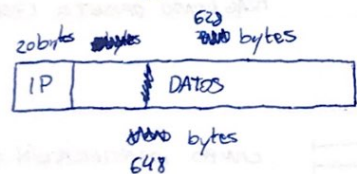
### 1. MTU = 800



CAMPO IDENTIFICACIÓN = 2000

FLAG MF = 1

FRAGMENT OFFSET = 0

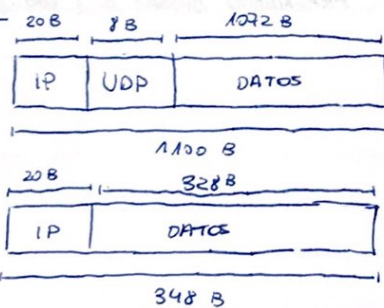


CAMPO IDENTIFICACIÓN = 2000

FLAG MF = 0

FRAGMENT OFFSET =  $(800 - 20) / 8 + 0 = 97,5$

### 2. MTU = 1100



CAMPO IDENTIFICACIÓN = 2000

FLAG MF = 1

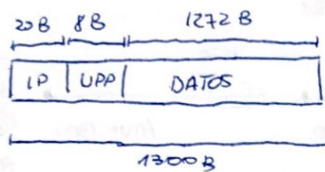
FRAGMENT OFFSET = 0

CAMPO IDENTIFICACIÓN = 2000

FLAG MF = 0

FRAGMENT OFFSET =  $(1100 - 20) / 8 + 0 = 135$

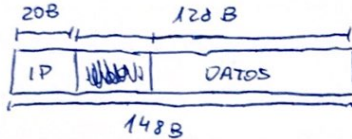
3. MTU = 1300



CAMPO IDENTIFICACIÓN = 2000

FLAG MF = 1

FRAGMENT OFFSET = 0



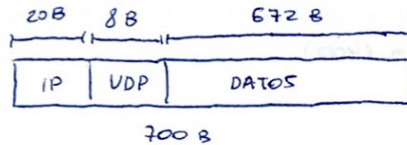
CAMPO IDENTIFICACIÓN = 2000

FLAG MF = 0

FRAGMENTO OFFSET = 1300

$$(1300 - 20) / 8 + 0 = 160 //$$

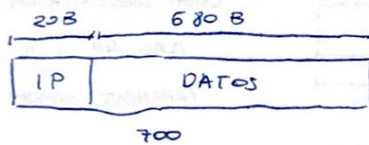
4. MTU = 700



CAMPO IDENTIFICACIÓN = 200

FLAG MF = 1

FRAGMENTO OFFSET = 0



CAMPO IDENTIFICACIÓN = 2000

FLAG MF = 1

$$\text{FRAGMENTO OFFSET} = (700 - 20) / 8 + 0 = 85 //$$



CAMPO IDENTIFICACIÓN = 2000

FLAG MF = 0

$$\text{FRAGMENTO OFFSET} = (700 - 20) / 8 + 85 = 170 //$$