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 Sabendo que o MTU (Maximum Transmission Unit) da rede dedicada entre R3 e R4 é de 420 bytes, R3 tem que fragmentar um pacote IPv4 que recebeu de A1, com um total de 900 bytes, por forma a enviar os fragmentos para R4. O pacote IPv4 original recebido de A1 tem o seguinte cabeçalho (o símbolo "?" indica que o valor destes campos é irrelevante neste exercício): IHL = 5 Type of Service = ? Total Length = 900 Identification = 33333 Fragment Offset = 0 Flags=000 Time To Live = 5 Protocol = ? Header Checksum = ? Source IP Address = ? Destination IP Address = ? Preencha os campos dos seguintes cabeçalhos dos pacotes IP resultantes do processo de fragmentação do pacote original e que serão enviados a R4: Ver = 4 HL = [ ] Type of Service = ? Total Length = [ Fragment Offset = [ Identification = | Flags=[ Time To Live = [ Protocol = ? Header Checksum = ? Source IP Address = ? Destination IP Address = ? MTU: 420 bytes cabeçalmo IPV4: 20 butes dades : 420 - 20 = 400 butto areandas ines mi situd 00P els lostes elasago object: distrino recompo jacquientos p) mane pocote original, punsa sunternas il muchos a volve Fragmento 1 880 - 400 = 480 bytes - mão vai ser O istimo gragmento HL = [5] Type of Service = ? Total Length = [ 420 Identification = [ 33333 ] Flags=[001] Fragment Offset = [ Time To Live = [4] Protocol = ? Header Checksum = ? Source IP Address = ? Destination IP Address = ? 20 bujus do cabiçalho ab cornempay varifitation - lamigino etara sup mesmo pacote off six: and ticous a bourn go aridinal vigimal = 5 de todos fragmentos = 5-1 = 4 ovigimal = 5 400 0 400



