

C7

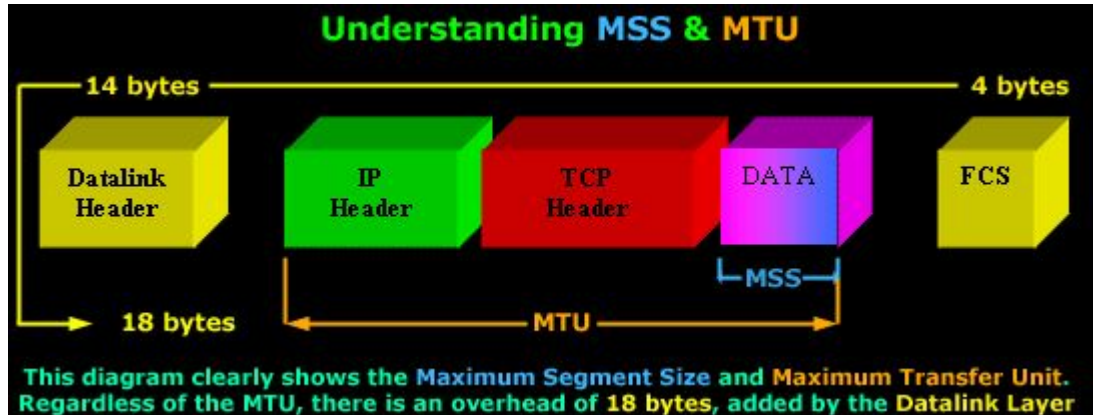
Rețele de calculatoare

Sergiu Nisioi
sergiu.nisioi@unibuc.ro

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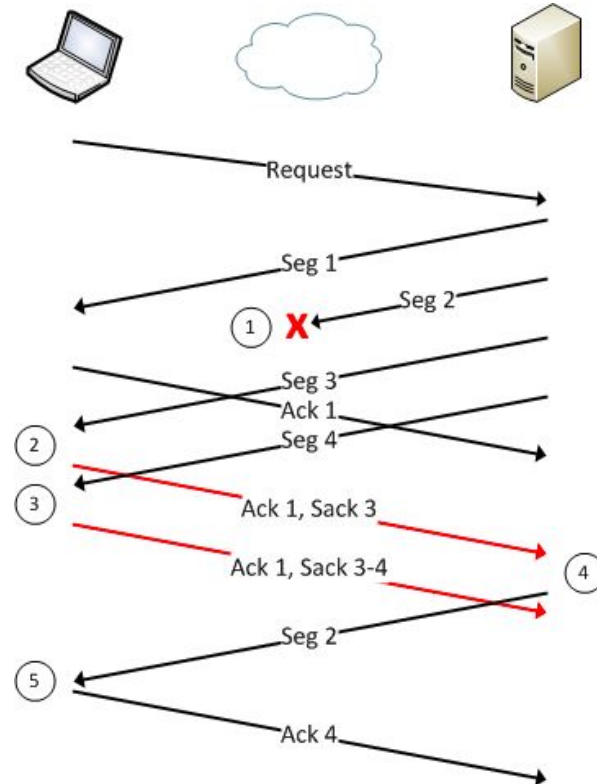
De data trecută

- am petrecut 4 cursuri la cursul 5
- UDP and TCP headers
- TCP 3-way handshake
- TCP connection end
- TCP flags: UAPRSF
- TCP options: MSS, WindowScaling



Opțiuni TCP: Selective Acknowledgements

- 3 ACK repetate indică pierdere de pachete
- SACK sunt introduse în opțiuni pentru a indica dacă s-au primit pachete dincolo de ultimul ACK
- <https://packetlife.net/blog/2010/jun/17/tcp-selective-acknowledgments-sack/>



Alte opțiuni

- Timestamps: <https://tools.ietf.org/html/rfc7323#page-12>
- End of option list, NoOp: <https://datatracker.ietf.org/doc/html/rfc793#page-18>
- Mood: <https://datatracker.ietf.org/doc/html/rfc5841#section-3>

Altele:

<https://www.iana.org/assignments/tcp-parameters/tcp-parameters.xhtml>

Congestion Control

- Citim asta:

<https://witestlab.poly.edu/blog/tcp-congestion-control-basics/>

- Continuăm cu demonstrațiile de aici:

https://github.com/senisioi/computer-networks/tree/2022/capitolul3#tcp_cong

- Exercițiile de aici:

https://github.com/senisioi/computer-networks/tree/2022/capitolul3#tcp_cong_ex

- Videos: <https://youtu.be/Fm92xvlp6JY>

Raw Socket & Scapy

https://github.com/senisioi/computer-networks/tree/2022/capitolul3#tcp_raw_socket

Sfârșit