

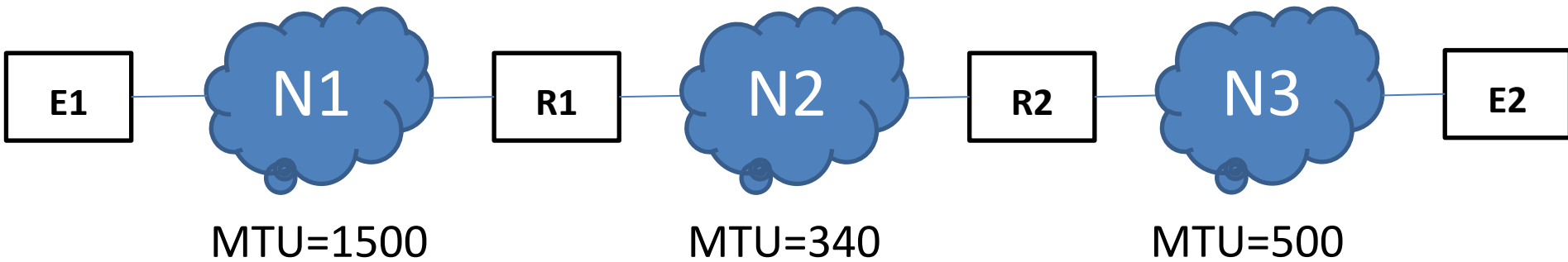
Curso Técnico Integrado em Informática

Redes de Computadores e Aplicações

Exemplo – Fragmentação IP



Exemplo



Exemplo

- Datagrama Original;

Identification 4000	More fragments 0	Fragment Offset 0	Total Length 1200	Data 1180
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Exemplo

● Fragmentos

Identification	More fragments	Fragment Offset	Total Lengh	Data
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Identification	More fragments	Fragment Offset	Total Lengh	Data
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Identification	More fragments	Fragment Offset	Total Lengh	Data
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Identification	More fragments	Fragment Offset	Total Lengh	Data
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Exemplo

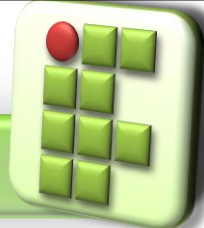
● Fragmentos

Identification 4000 (6 BITS)	More fragments 1 (6 BITS)	Fragment Offset 0 (6 BITS)	Total Length 340 (6 BITS)	Data 320 (6 BITS)
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Identification 4000 (6 BITS)	More fragments 1 (6 BITS)	Fragment Offset 40 (6 BITS)	Total Length 340 (6 BITS)	Data 320 (6 BITS)
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Identification 4000 (6 BITS)	More fragments 1 (6 BITS)	Fragment Offset 80 (6 BITS)	Total Length 340 (6 BITS)	Data 320 (6 BITS)
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Identification 4000 (6 BITS)	More fragments 0 (6 BITS)	Fragment Offset 120 (6 BITS)	Total Length 240 (6 BITS)	Data 220 (6 BITS)
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Referência

- SOARES, Luiz F.; LEMOS, Guido e COLCHER, Sérgio. Redes de Computadores: Das LANs, MANs e WANs às Redes ATM, Ed. Campus.
- ROSS, Keith e KUROSE, JAMES. Redes de Computadores e a Internet: Uma nova abordagem, Ed. Addison Wesley.
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- TANENBAUM, Andrew. S.. Redes de computadores, Ed. Campus. 4ª Edição.

