

CSc 450/550

Computer Networks

Midterm

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6/15/06

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Speed pursuit

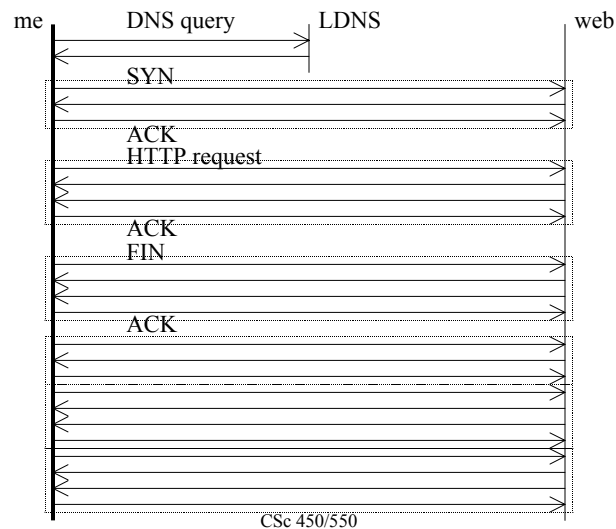
- Things in mind
 - Nyquist's limit: $2H \log_2 V$
 - Shannon's limit: $H \log_2(1+S/N)$
 - diff: bandwidth, sample, symbol, data rate
- So, things to improve for higher speed
 - more bandwidth
 - more bits per sample
 - better S/N

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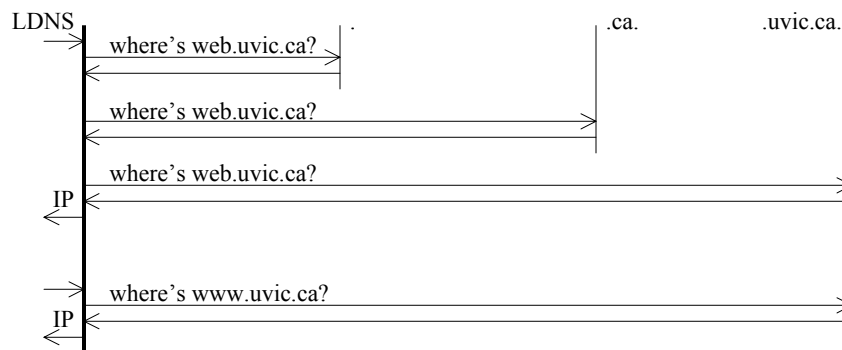
Client's view



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LDNS's view



- Redirection
 - HTML, HTTP, DNS, etc

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TCP's view

