CSE/EE 461 – Lecture 16

Bandwidth Allocation

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Bandwidth Allocation Approaches

- Open versus Closed loop
 - Open: reserve allowed traffic with network; avoid congestion
 - Closed: use network feedback to adjust sending rate
- Host-based versus Network support
 - Who is responsible for adjusting/enforcing allocations?
- Window versus Rate based
 - How is allocation expressed? Window and rate are related.
- Internet depends on TCP for bandwidth allocation
 - TCP is a host-driven, window-based, closed loop mechanism

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