

COMS W4119: Computer Networks

Homework 1

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Message Switching & Segmentation

- (a) I would propose a **packet-switching** design because it would support more users than a circuit switching alternative. Packet switching also supports a variety of applications, which is critical for this company, unlike circuit switching. Furthermore, audio and video streaming allows for some tolerance in packet loss, negating much of the downsides of packet switching.
- (b)
- (c)