UDP U TCP From

UNOmaha CSCI 3550 Communication Networks Lecture 12 Page 1 / 2

Lonne dron less No Error Checking Simple

Video streaming

Connection -oriented Erosor Checking Complex

Beginning Body (Payload Endand 哥易hits long

Need: Length of body Need: From Port Need: TO Port



## Checksums tUDP

Checksum

Checksum

Tif the # of

I's is odd,

Therwise

Corruption
-flip 1bit
100% catch
-flip 2 bits
1/8 7/8 miss
-flip 3 bits
-High

?s About checksoms
-Ratio of
Data size to
Checksom size
8:1

- Probability of missing corruption

UDP Checksum
Ratio of Data to checksum
65k:2B

UDP Checkson rule: All O's means NO CHECKSUM

If you've doing a checksom & it comes not

all O's, change to all I's,

An all I checksom in UDP is otherwise impossible.

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