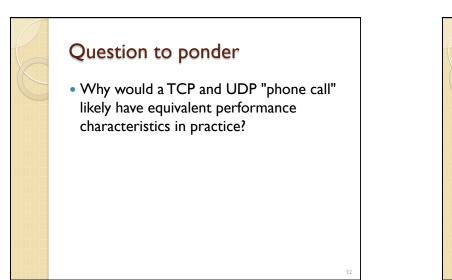
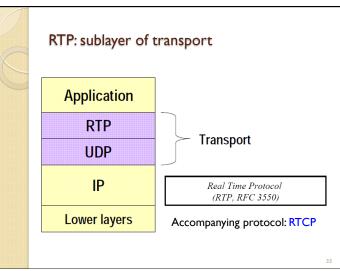


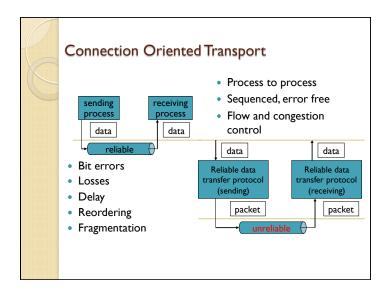
- No re-transmission
- Extremely important features for today multimedia applications
- Be careful: UDP ok for multimedia because it does not provide anything at all (no features = no limits!).

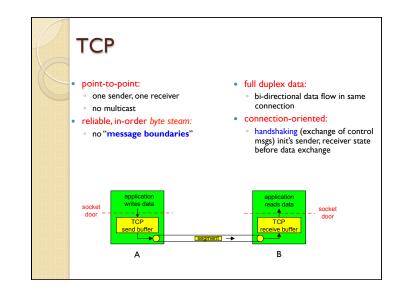
Quick exercise

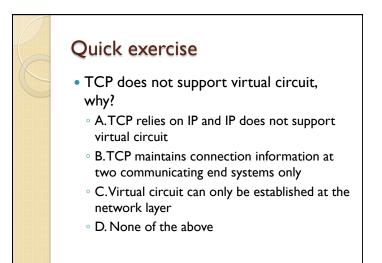
- Which of the following about UDP is correct?
 - A. UDP supports a self-regulating "throttle" feature that prevents network saturation
 - B. UDP consumes fewer computer resources by not maintaining connection state
 - C. UDP guarantees that individual packets of a transmission will arrive "in order"
 - D. None of the above











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Offsets	Octet					0					1								2								3							
Octet	Bit	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	16 17	18	1	19 20	21	22	2	3 24	4	25 2	6	27	28	8 29	30	31
0	0		Source port Destination port																															
4	32		Sequence number																															
8	64													Ac	kno	wlee	lgm	er	nt num	ber	(i	f ack	set											
12	96	Da	Data offset Reserved N 000 S					N S	WCRCSSYT							Window Size																		
16	128							C	he	ck	sur	m										1	Jrge	nt p	oin	ter (if	URG	set)				
20	160							Op	otic	ns	(if	Da	ta C	offse	et >	5, p	add	lee	d at th	e er	nd	l with	"0"	byte	s i	f neo	ce	ssar	y)					
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