Course: CISC 856: Upper Layer Protocols

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Document: UDT Homework

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1. Describe two applications that could best use UDT.

2. Why is TCP's congestion control algorithm unsuitable for a high BDP network? (First explain what a high BDP network is and then answer the question)

3. What are the advantages of UDT compared to TCP?

4. If there's a message which contains 4 UDP PDUs, and the message should be delivered in order, draw the headers of the four UDT PDUs.(Ignore the time stamp field, choose any number you want)

5. What is a Destination Socket ID in UDT PCI? Why UDT need Destination Socket ID?

6. How many timers are there in UDT? What are their functions?