Q1: Deadline aware TCP

- Which deadline aware TCP will adapt better with other deadline unaware traffic?
  - D2TCP?
  - D3TCP?
Q2: MC-TCP

- You have a fat-tree with ECMP running
- All nodes are communicating using TCP.
- But you can't reach full cross-section bandwidth
  - Why? And how MC-TCP solves this problem?
Q3: Flow control

- Why flow control is important for high speed networks?
  - Think 10G, 40G, 100G networks
- Two problems with credit based flow control
- Two problems with on-off flow control
Q4: Buffer management

• Explain the problems with cut-through forwarding?

• How they are solved by wormhole forwarding?

• Explain Head-of-line blocking problem, and which are the victims?
  – Stop-and-forward
  – Cut-through
  – wormhole
Q5: End-to-end Argument

- Infiniband flow-control in context of end-to-end argument
  - Argument in favor of flow-control in network
  - Argument against flow-control in network