ICE-tcp

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Status

- No changes in document or progress since last IETF
- Recent discussions on TCP over UDP and Teredo
- What is the issue?
  - TCP-SO mechanism in the draft is only 40% effective for doing direct TCP connections according to Saikat's paper, without port prediction
  - TCP-SO reportedly hard to implement on windows – still lack any concrete data on this

Our Choices

1. Discard the document as not effective enough
2. Remove TCP-SO, issue ICE-tcp with act/pass only – will work in cases with a public TURN server and often relay
3. Keep TCP-SO
4. Add additional TCP over UDP mechanisms of some sort to this document

Proposal

- Go with #2 (keep TCP-SO)
- MUST get someone to try on windows!!
- Can add TCPoUDP solutions later – fit easily into ICE framework