TCB Control Block Sharing: 2140bis

draft-touch-tcpm-2140bis-02
IETF 99 - Prague

Joe Touch, USC/ISI
Michael Welzl, U. Oslo
Safiqul Islam, U. Oslo
Jianjie You, Huawei

USCViterbi
School of Engineering

Information Sciences Institute

Quick Recap

- **Reason for –bis revision**
  - Overview of the current implementations
  - Clarifications and updated mechanism details
- **Key issues**
  - Better detail on shared TCB parameters
  - Better detail on sharing algorithms
  - Advice on the limits of sharing
  - Interactions with TCP options

Next Steps

- Currently seeking WG adoption as BCP
  - Recommend safe "best practices" based on connection and Internet impact
- To be completed if adopted:
  - Sharing table TBDs
  - Focusing on known safe behavior
  - Leave cost/benefit decision to implementer (but explain aspects of the decision)

7/17/17
3