







Solutions

- Patches, e.g., SACK option, NewReno, ECN.
 The problem of AIMD is not solved.
- Traditional method: parallel TCP mechanism
 Parallel TCP is adopted in present applications, e.g. GridFTP. An important reason is that parallel TCP is easy to be implemented in application layer.
- High-speed protocols: New algorithms for updating CWND, e.g., HighSpeed TCP (HSTCP), Scalable TCP, FAST TCP, and XCP.
- An important yet neglected topic: Parallel TCP v.s. High-speed protocols, which should be employed in your future application.

















