



REDUCING INTERNET TRANSPORT LATENCY

Reducing Internet Latency: a survey of techniques and their merits

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summary

- industry roadmap of techniques
- gain vs pain
 - latency reduction against deployability
- “A Survey of Latency Reducing Techniques and their Merits”
 - 322 references
 - available via <http://riteproject.eu/publications/>
- evolved from BT roadmap work, but repurposed
 - a company tries to prioritise the quick wins
 - an industry also needs to identify hard problems being avoided

roadmap around body of survey I



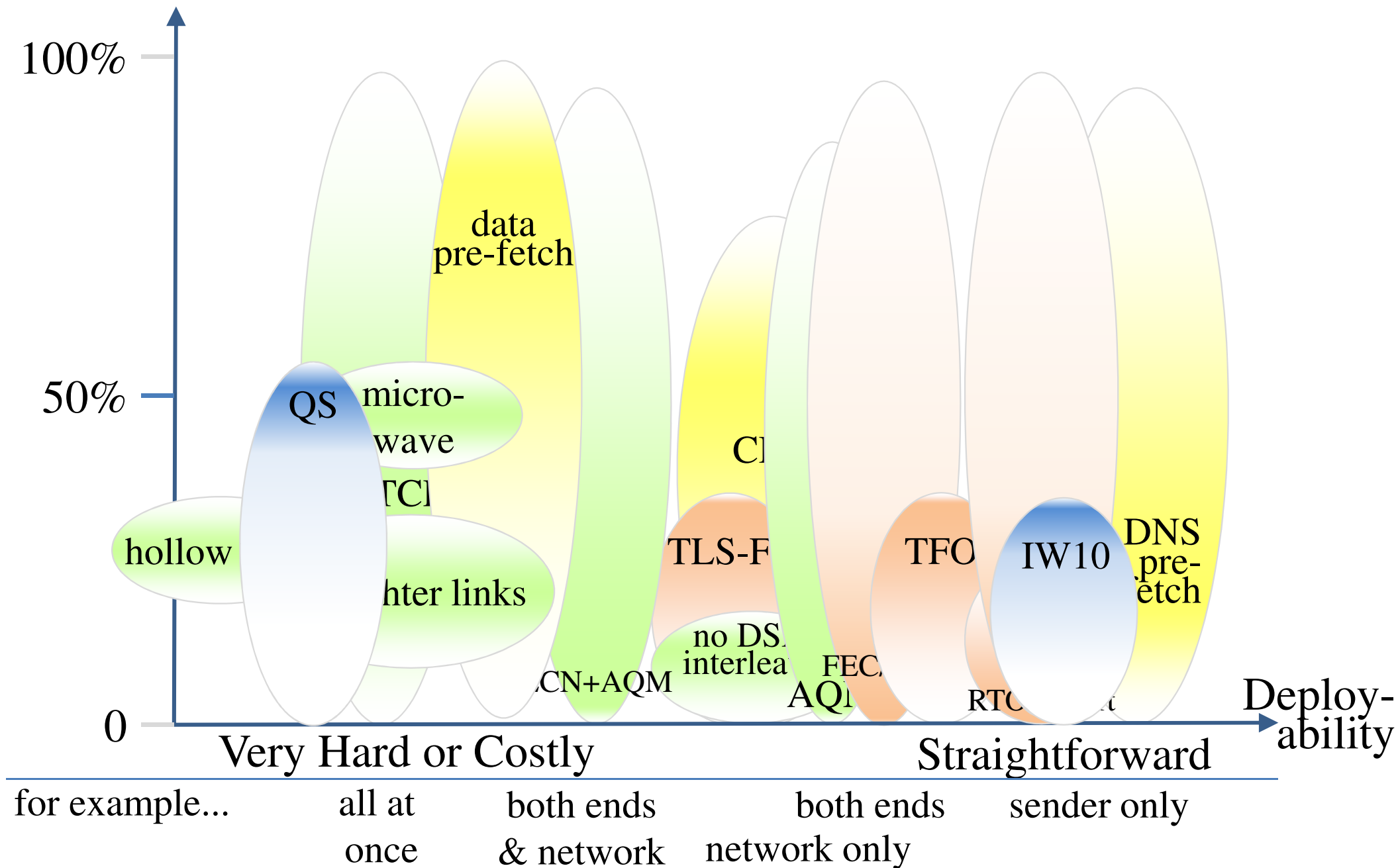
roadmap around body of survey II



Fig. 1. Techniques for reducing latency organized by sources of delay.

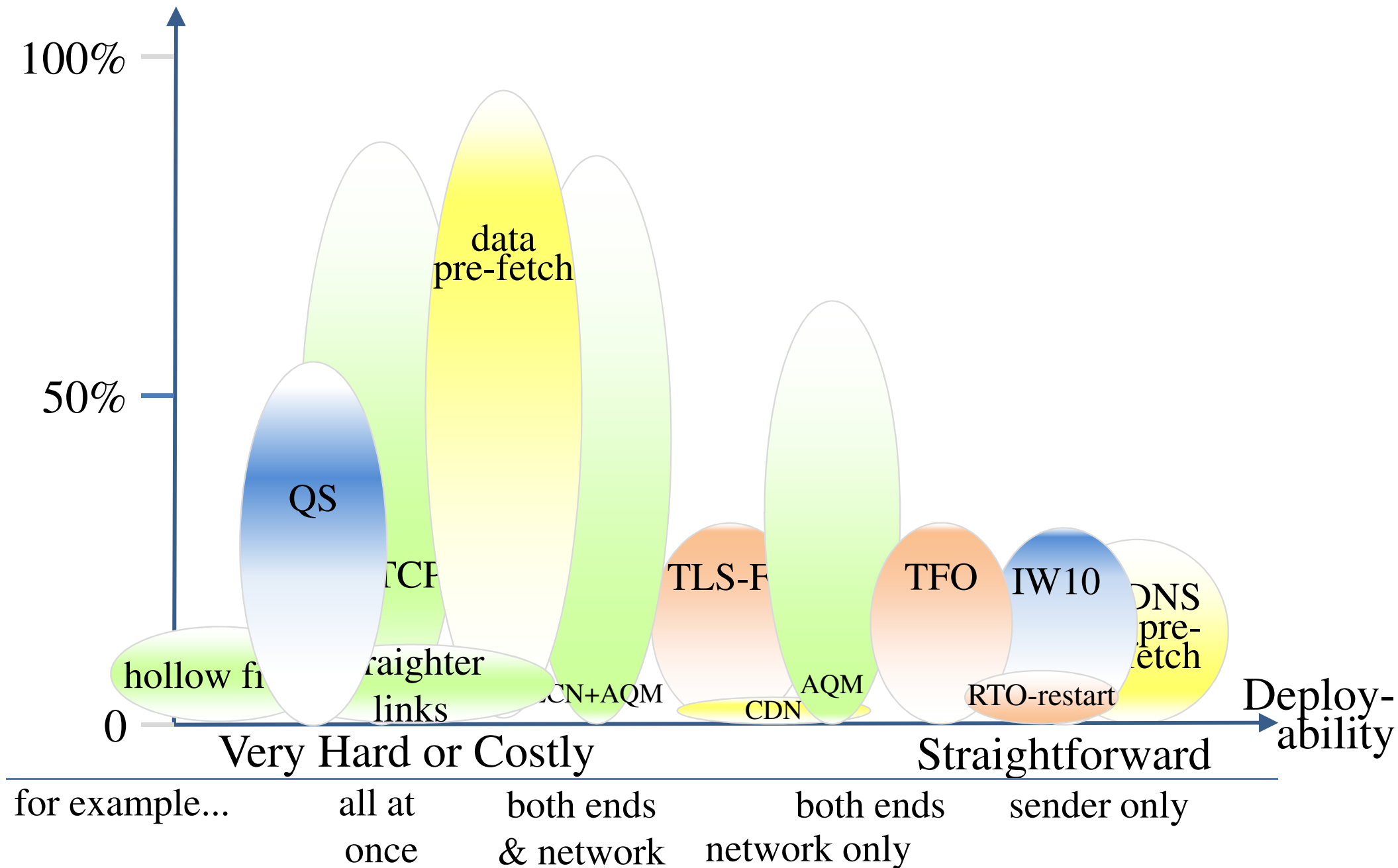
case (1a): small (20kB) flow over WAN

reduction in completion time



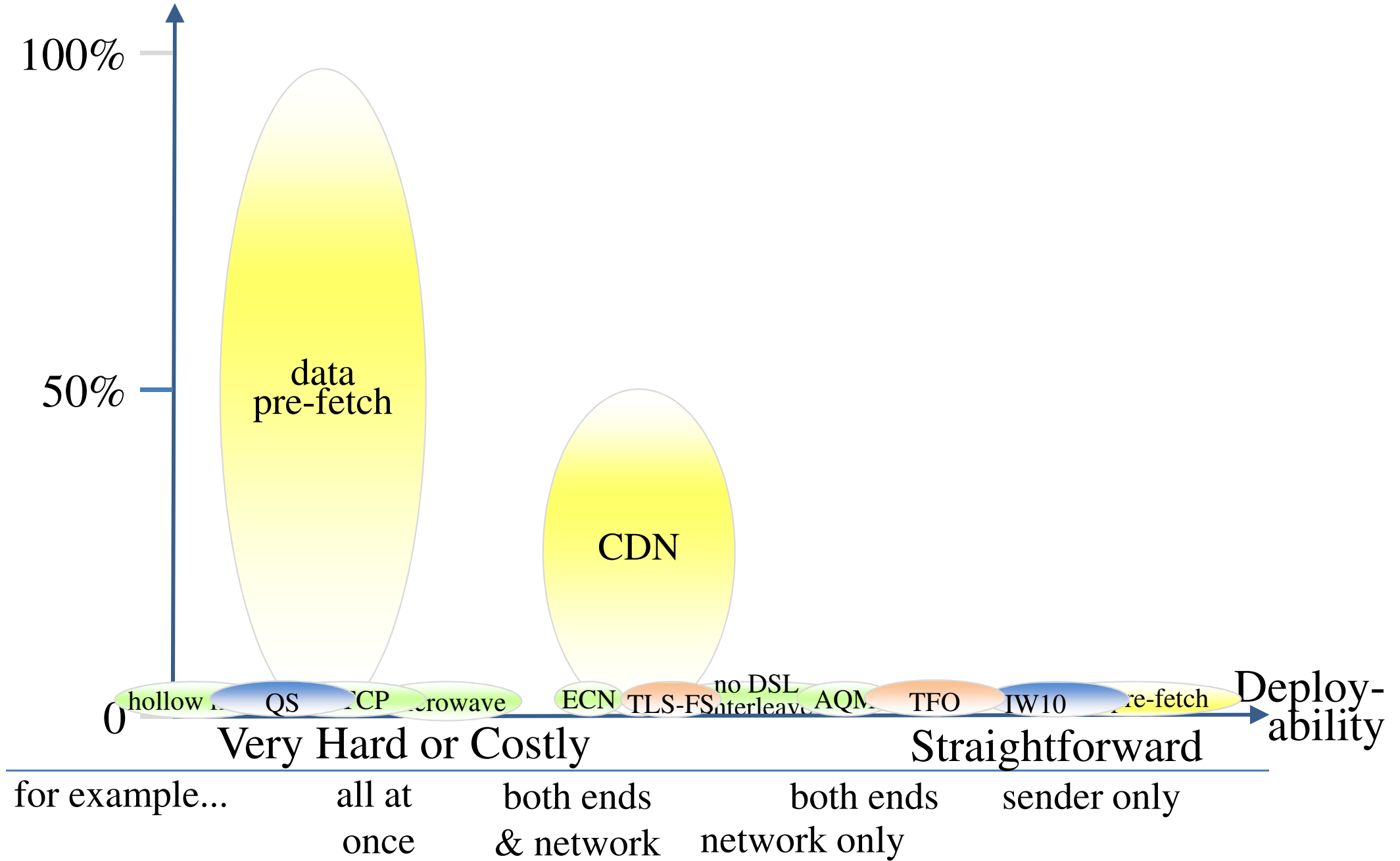
case (1b): small (20kB) flow over LAN

reduction in completion time



case (2a): large flow over WAN

reduction in completion time



case (2b): large flow over LAN

reduction in completion time

