



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

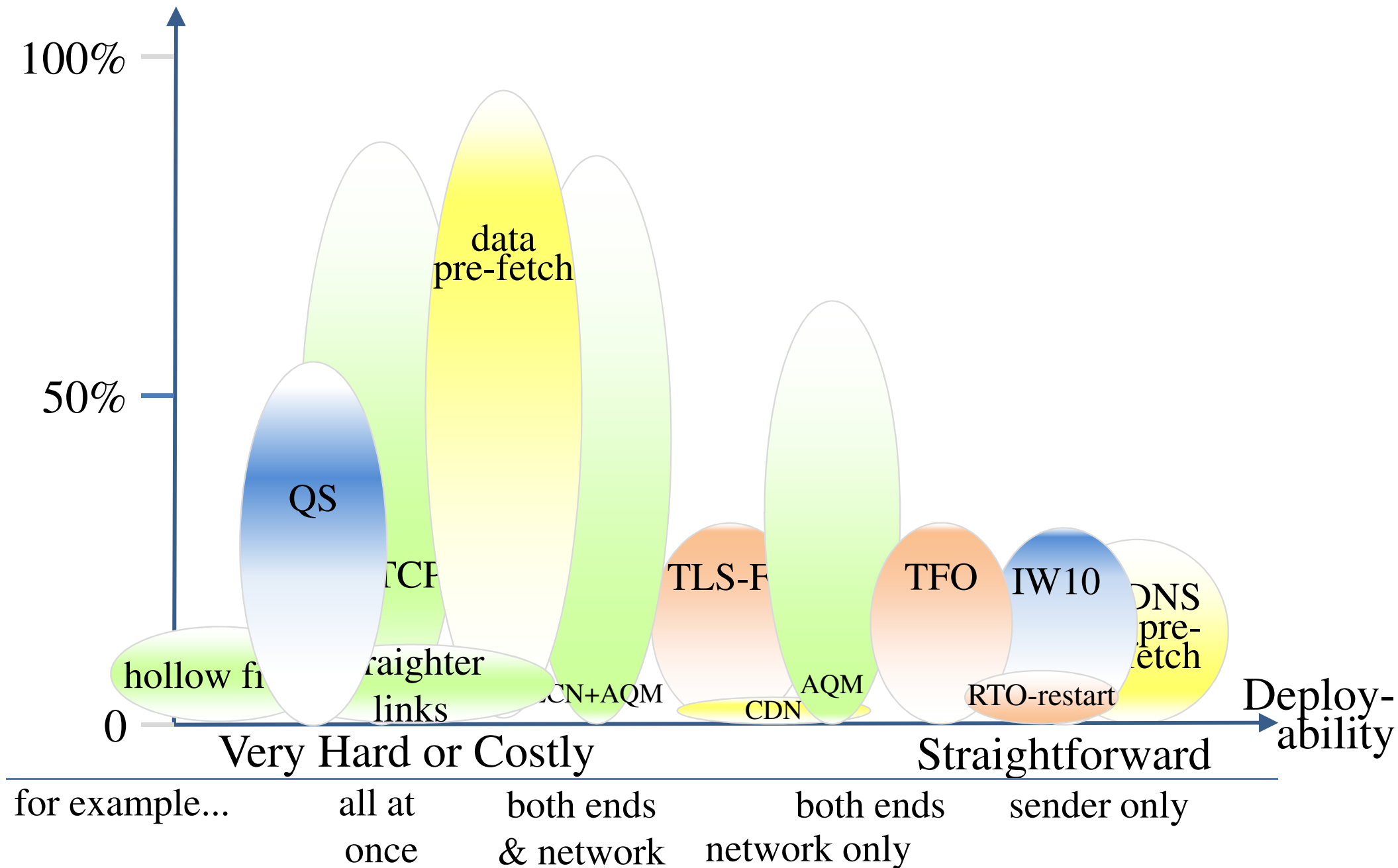


Fig. 1. Techniques for reducing latency organized by sources of delay.



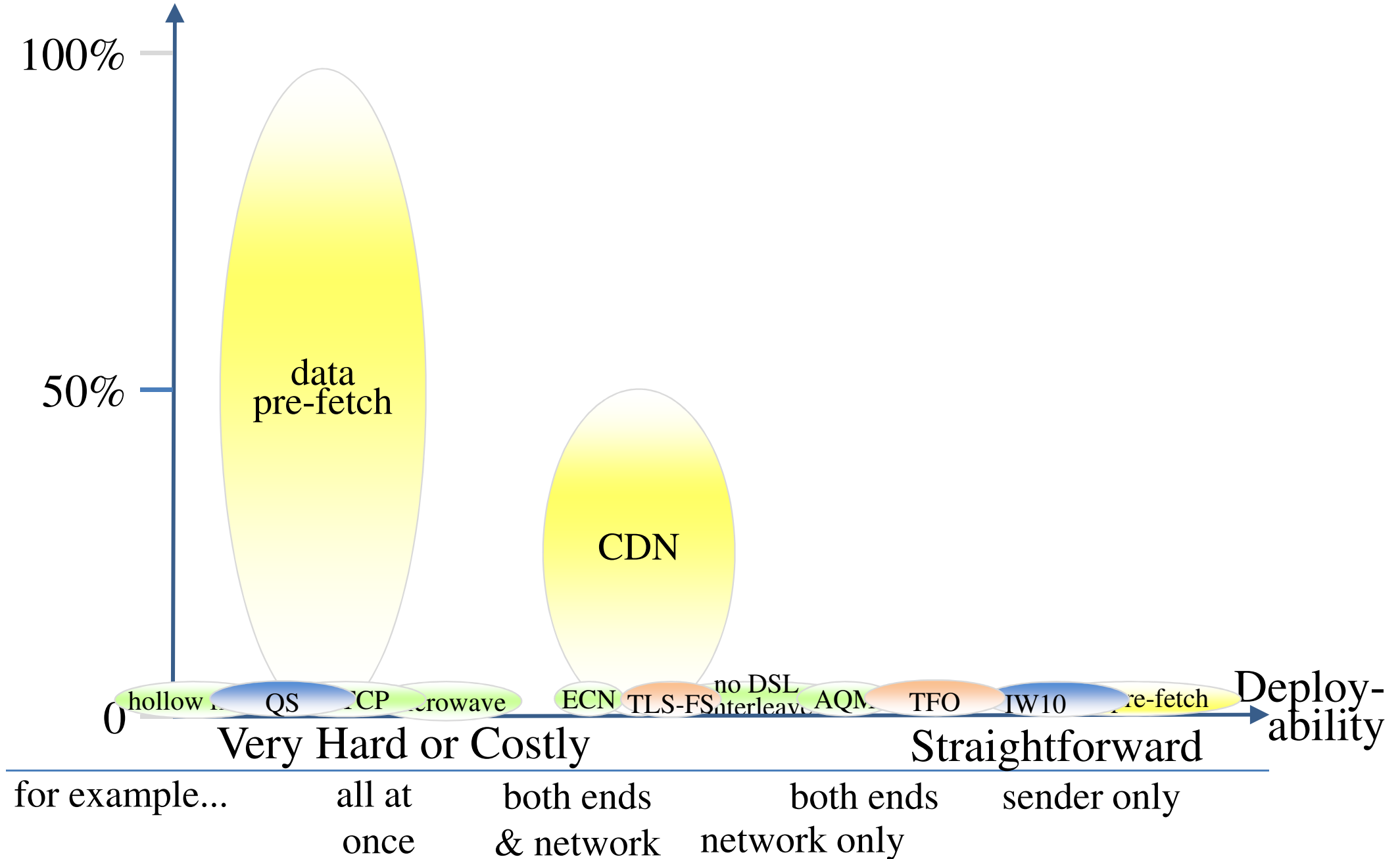
# case (1b): small (20kB) flow over LAN

reduction in completion time



# case (2a): large flow over WAN

reduction in completion time



# case (2b): large flow over LAN

reduction in completion time

