Presentation at the IETF Hackathon 93

NorNet Core @
IETF Hackathon 93

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What is NorNet Core?

- NorNet Core is a large-scale Internet testbed with multi-homed sites
  - 20 sites, worldwide (Norway, Europe, Asia, America, Australia)
  - Similar to PlanetLab, but:
    - Up to 4 ISP connections per site (fibre, consumer-grade DSL, …)
    - IPv4 and IPv6 (wherever possible)
  - Virtual machines for experiments

- Details
  - Project website: https://www.nntb.no
  - NorNet Core sites: https://www.nntb.no/pub/nornet-configuration/NorNetCore-Sites.html
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- Transport protocol tests in NorNet Core
  - Multi-Path TCP (MPTCP)
  - Stream Control Transmission Protocol (SCTP)

- NetPerfMeter
  - Transport protocol performance evaluation software
    - Website: https://www.uni-due.de/~be0001/netperfmeter/
    - Git: https://github.com/dreibh/netperfmeter
  - Pre-installed in NorNet Core environment
  - Improving protocol support in NetPerfMeter
    - MPTCP
    - SCTP