

Transport Protocols

Transport Protocols News

Radek Krzywania

sfrog@man.poznan.pl

Transport Protocols

- Ireland joined to our testbed
 - Hamilton Institute & HEANet
 - 2 x PC with 1Gbps Ethernet interface connected to Geant2 network
 - RTT about 73ms

News & Events

- Linux kernel 2.6.13 – 10 October
- Linux kernel 2.6.14 – 28 October
 - If kernel is built as module – Reno is default
 - If kernel is built by default – BIC is default
 - *sysctl* is used to change algorithm – proper module will be loaded to kernel

News & Events

- 2.6.14 – available congestion control algorithms:
 - High Speed TCP
 - BIC
 - New Reno
 - HTCP
 - TPC-HYBLA
 - Scalable
 - Vegas
 - Westwood

News & Events

- New XCP xcp-nodiv release is available at <http://www.isi.edu/isi-xcp>
 - Release for FreeBSD 5.3
 - Main change is that division is no longer used for packet routing
 - Current work involves:
 - Cooperation with non-XCP queues
 - Sharing bottlenecks with Reno style flows
 - Evaluating performance under variety of environments

News & Events

- New NS2 patch available at <http://www.cs.caltech.edu/~weixl/technical/ns2patch/ns2patch.html>
- **Speeds up the simulation (even up to 50 times faster)**
- **Developed specially for fast long distant network simulation**
- **Improvement is based on modification of event scheduling**

News & Events

- **PFLDnet conference 2006**
 - **2-3 February**
 - **Paper submission is already closed (till 14 October)**

News & Events

- **IEEE NetDB – second conference**
 - **April 2, 2006**
 - **Atlanta, USA**
 - **<http://www.cs.brown.edu/research/db/netdb06/>**
 - **One of topic of interest:**
 - **Query planning, execution, and optimization in networked systems**

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- 5th IST call is closed and FASTNESS proposal is submitted
- FASTNESS exceeded threshold during evaluation

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Thank you for your attention