TOSNET

Andrea Crotti, Marius Grysla, Oscar Dustmann

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Problem (1 slide maybe some nice image)

Goal

Share internet connection through a mote network

Nice image file:network.svg

Driver implementation

Used technologies

- C99
- nesc (for mote program)
- iptables (masquerading)
- iproute2 (set routing entries)
- shell script
- tun device
- zlib (optional compression)

Architecture

- SF
  With serial forwarder every second a chunk is lostx

Compression

- With ipv6 header and blip it would be dramatically too slow.
- Header must be as small as possible

Mote program

- Very simple approach

Call graph

images/main_c.png

Statistics