XORP: An eXtensible Open Router Platform

International Computer Science Institute

The Project

- Started January 2001

- Sponsors

  – Intel

  – National Science Foundation (Award ANI-0129

  – DARPA (Control Plane)

Objective

- To replace edge routers with commodity PCs runn
  thus enabling innovation and research.

  - A low end router (350Mhz MIPS processor)
    software forwarding. Will only forward 4000 p
    second.

  - A high end PC with dual PCI busses can forwa
    packets per second.

Deployments

- PlanetLab testbed for DARPA control plane proje
  September 2004)