



Site Index | Internet2 Searchlight |



[About Us](#) | [Members](#) | [Partnerships](#) | [Events](#) | [Newsroom](#)

[Initiatives](#) | [Applications](#) | [Security](#) | [Middleware](#) | [Networks](#)

August 17, 2007 | [Home](#)

#### MEETING

##### INFORMATION

- >Meeting Home
- >Meeting Evaluation
- >General Schedule
- >Program
- >Demonstrations
- >Netcast Schedule
- >Poster Sessions
- >Corporate
  - Perspectives
  - Forum
- >Sponsors
- >Network Story
- >Performance Event

#### ATTENDEE

##### INFORMATION

- >Roster
- >Hotel & Travel
- >Hotel Floor Plan
- >Area Attractions

#### MEDIA

- >News
- >Media Attendance

## Fall 2004 Internet2 Member Meeting

### Poster Sessions

Presenters and organizational representatives will be available to discuss their posters on **Wednesday, September 29**, 10:00am-10:30am, 11:45am-noon, 1:00pm-1:15pm, and 2:30pm-3:00pm. Presenters will also be available on **Thursday, September 30**, 10:00am-10:30am.

*NOTE: Check back often for updates to this page concerning presentation schedules, presenters, titles, and abstracts.*

---

## Comparing Two Translation Techniques of IPv6: NAT-PT and ALG

UFRGS - Federal University of Rio Grande do Sul & Comitê Gestor - Internet BR

- Fabricio Tamusiumas, Comitê Gestor - Internet BR
- Andrey Vedana, UFRGS - Federal University of Rio Grande do Sul

We report the results of a performance comparison between Network Address Translation with Protocol Translation (NAT-PT) and Application Layer Gateway (ALG). Different scenarios are provided as well as different types of operational systems and network situations, including free and congested network segments and routers, using Cisco and software-based routers, and the situation where each one must be used and why. The performance tests were made using daily work traffic and under pressure traffic, to generate stress. Some of the results are in tables, crossing the performance between routers/applications/operational systems, as well as in charts explaining the best combinations found in different situations. This work was developed in two Brazilian states: Rio Grande do Sul and São Paulo, in distinct networks.

---

---