

# Current FI-RG work and how to proceed?

[R.Niederberger@fz-juelich.de](mailto:R.Niederberger@fz-juelich.de)

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# My personal feeling

My personal feelings:

Application programmers are very interested in our work,  
but don't see any real outcomes.

In our first document we have discussed issues Grids have with  
firewalls.

We have shown available solutions and are just matching solutions to  
requirements in our second document.

The solutions we found are only makeshifts and can not be used in a  
broader scope.

Application programmers need hands on solutions.

# The first gap

There is a gap between FW development and Grids apps usage.

FW vendors implement standard protocols, if they are widely used.

Grid application programmers use standards if they can be used across firewalls.

If there are (easy) bypasses available, they do not need to invent new standards.

But who develops the standards making life easy and applications optimized?

# The second gap

We heard in the keynote speech on Tuesday morning:

***“450 Mio. MS Office users are a market share.  
How many do you have?”***

Same comment from a CISCO representative at the PFLDnet 2007 workshop at Marina del Rey in February:

***“Implementing alternate TCP standards in switches and routers will be done, if there is a business case.”***

How much grid users (applications) do we have?

Should we count heads / nodes / CPUs?

# A third gap arises

What, when there would be a protocol for dynamic firewall opening available.

Time for depreciation of FW equipment is about 5 years.

So what if I just got a new one without supporting standards coming up soon?

Should there be an intermediate solution available?

Should we look for just another circumvention?

How long does it last?

# The future of FI-RG?

A discussion we had at last OGFs before:

- Should we provide this intermediate solution to overcome those gaps?
- Should we pave the way to a new standard by showing what's needed, what's possible, and how to do it?
- Should we evolve to become a FI-WG?
- Do we have the critical mass to start over?

# A possible startup

We could have a special track at OGF 21 discussing this issue.

We have to make advertisement

- to get help and
- to get people involved.

We have to discuss our ideas with other OGF groups.

**We have to get our area directors convinced.**

## Questions and discussion