Firewall Issues Research Group

GGF-18 Session, Washington D.C.

Chairs: Inder Monga, Leon Gommans

OGF IPR Policies Apply

- "I acknowledge that participation in this meeting is subject to the OGF Intellectual Property Policy."
- Intellectual Property Notices Note Well: All statements related to the activities of the OGF and addressed to the OGF are subject to all provisions of Appendix B of GFD-C.1, which grants to the OGF and its participants certain licenses and rights in such statements. Such statements include verbal statements in OGF meetings, as well as written and electronic communications made at any time or place, which are addressed to:
    - the OGF plenary session,
    - any OGF working group or portion thereof,
    - the OGF Board of Directors, the GFSG, or any member thereof on behalf of the OGF,
    - the ADCOM, or any member thereof on behalf of the ADCOM,
    - any OGF mailing list, including any group list, or any other list functioning under OGF auspices,
    - the OGF Editor or the document authoring and review process
- Statements made outside of a OGF meeting, mailing list or other function, that are clearly not intended to be input to an OGF activity, group or function, are not subject to these provisions.
- Excerpt from Appendix B of GFD-C.1: "Where the OGF knows of rights, or claimed rights, the OGF secretariat shall attempt to obtain from the claimant of such rights, a written assurance that upon approval by the GFSG of the relevant OGF document(s), any party will be able to obtain the right to implement, use and distribute the technology or works when implementing, using or distributing technology based upon the specific specification(s) under openly specified, reasonable, non-discriminatory terms. The working group or research group proposing the use of the technology with respect to which the proprietary rights are claimed may assist the OGF secretariat in this effort. The results of this procedure shall not affect advancement of document, except that the GFSG may defer approval where a delay may facilitate the obtaining of such assurances. The results will, however, be recorded by the OGF Secretariat, and made available. The GFSG may also direct that a summary of the results be included in any GFD published containing the specification."

- OGF Intellectual Property Policies are adapted from the IETF Intellectual Property Policies that support the Internet Standards Process.

www.ogf.org

Agenda
Wednesday, September 13th, 2006

4:00 [5'] Introduction, note-taker, charter discussion, IPR statement

4:05 [10'] Firewall Issues Document Update/Status

Ralph Niederberger

4:15 [20'] IETF and Firewalls: status and discussion

Melinda Shore

4:35 [25'] Solutions Document Discussion

Thijs Metsch

Research Agenda:

5:00 [10'] REMUS   *Jeff Tan*
5:10 [20'] Experimental Soln. Ideas   *Ralph Niederberger*

www.ogf.org

FI-RG Goals

- Study barriers and propose solutions to inter-organization grid deployment due to mid-boxes managed by varied administrative domains
  - Firewalls
  - NATs
  - VPN gateways
  - Application-level gateways …

- Collect use-cases, classify issues, new solutions, research...
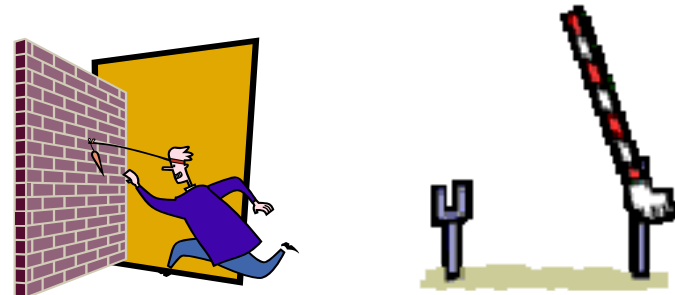
Enthuse standards, explore solutions
and influence vendor implementations

Group Progress vs Charter

1. An inventory of the type of issues when Grid jobs have to deal with middle-box functions, application level gateways, VPN style gateways, etc. Describe and classify the issues in document #1

   ➢ Issues document in public comment phase

2. An evaluation of existing middle-box (signaling-) protocols and functions. Recognize possible limitations and produce a list of requirements

   ➢ Intent is to apply solutions to use-cases and do a "gap-analysis"

   ➢ What is the deployment story? Reasons why these are not well deployed

3. An evaluation of approaches and solutions such as application level gateways, host based firewalls, VPN style gateways etc. Capture results in document #3

   ➢ New solutions are being researched

      ➢ Solutions in research and possibly implementations by vendors

In parallel

www.ogf.org

Modified Group Milestones

➢ GGF13: Charter discussion and group volunteers (done).
➢ GGF14: Collection of existing documents with Group discussions (done)
➢ GGF15: First draft of document #1 (done)
➢ GGF 16 (Athens): RG-last call and submission of document #1: CLOSE!
➢ GGF 17: RG last-call for use-cases draft, outreach (#1)
   draft submission evaluating proposed solutions (#2)
➢ **GGF 18: Kick-start solutions draft and group discussions: NOW**
   Submit use-cases doc (DONE)
   Any new documents? (NOW)
   Identify standards opportunities (IETF?)
➢ **GGF 19: 1st draft proposed solns.**
➢ **GGF 20: Finalize proposed solns. for public comment, engage appropriate standards committees (or BOF in GGF)**
➢ **GGF 21: Track research implementations (feedback from early user sets)**

www.ogf.org

Contribute

- **Mailing list:** fi-rg@ggf.org

- **Projects page:**
  https://forge.gridforum.org/sf/projects/fi-rg

- Contacts:
  - Leon Gommans: lgommans@science.uva.nl
  - Inder Monga: imonga@nortel.com

Agenda
Wednesday, September 13th, 2006

OpenGridForum

4:00 [5'] Introduction, note-taker, charter discussion, IPR
    statement

4:05 [10'] Firewall Issues Document Update/Status

Ralph Niederberger

4:15 [20'] IETF and Firewalls: status and discussion

Melinda Shore

4:35 [25'] Solutions Document Discussion

Thijs Metsch

Research Agenda:

5:00 [10'] REMUS   *Jeff Tan*
5:10 [20'] Experimental Soln. Ideas   *Ralph Niederberger*

www.ogf.org

Full Copyright Notice

Copyright (C) Open Grid Forum (applicable years). All Rights Reserved.

This document and translations of it may be copied and furnished to others, and derivative works that comment on or otherwise explain it or assist in its implementation may be prepared, copied, published and distributed, in whole or in part, without restriction of any kind, provided that the above copyright notice and this paragraph are included on all such copies and derivative works.

The limited permissions granted above are perpetual and will not be revoked by the OGF or its successors or assignees.

www.ogf.org