GHPN-RG

Status update

co-chairs's:
Cees de Laat &   Dimitra Simeonidou

GGF25, Catania, March 2009

OGF IPR Policies Apply

- "I acknowledge that participation in this meeting is subject to the OGF Intellectual Property Policy."
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- OGF Intellectual Property Policies are adapted from the IETF Intellectual Property Policies that support the Internet Standards Process.

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Agenda

Friday Mar. 6th, 9h00 – 10h30

- Agenda Bashing
- Status of documents in the RG
- Takahiro Miyamoto
  - Potential use cases in telecom operator (IMS apps, cloud computing, etc.)
  - Hierarchical approach for the tree model
  - How the hierarchical approach works in the large-scale resources?
  - Resource identification
  - Signaling call flow
  - After the discussion in GHPN, we are planning to input it to NSI-WG
- Tools for network experimentation, Jaroslav Flidr <jflidr@maxgigapop.net>
- Multi Layer Goles, Cees de Laat
- Any Other Subject
- Adjourn

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Gole's discussion

◆ **Material for reading**

- ■ http://ext.delaat.net/~delaat/talks/cdl-2005-02-28.pdf

- ■ http://ext.delaat.net/~delaat/talks/cdl-2008-04-23.pdf

- ■ http://ext.delaat.net/~delaat/talks/cdl-2008-04-22.pdf

◆ **related articles**

- ■ Freek Dijkstra, Cees de Laat, "Optical Exchanges", GRIDNETS conference proceedings, oct 2004 •http://www.broadnets.org/2004/workshop-papers/Gridnets/DijkstraF.pdf

- ■ Freek Dijkstra, Bas van Oudenaarde, Bert Andree, Leon Gommans, Paola Grosso, Jeroen van der Ham, Karst Koymans and Cees de Laat, "A Terminology for Control Models at Optical Exchanges", LCNS, Volume 4543, july 2007, Page 49-60

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The Charter

◆ **Charter and web site needs to be updated**

- ■ The Grid High-Performance Networking Research Group focuses on the relationship between network research and Grid application and infrastructure development.

- ■ Two specific goals of the GHPN-RG are identifying
  - ● a) grid application requirements and implementations that are not supported or understood by the networking community and
  - ● b) advanced networking features that are not being utilized by grid applications.

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Charter

◆ The Grid High-Performance Networking Research Group focuses on the relationship between network research and Grid application and infrastructure development. The objective of GHPN-RG is to bridge the gap between the networking and grid research communities. **It accomplishes its goal by serving as a forum for information exchange on advances and requirements in both fields, as well as by providing a focal point for liaison activities between the GGF and the various networking standards bodies. The GHPN-RG provides a forum for such topics until sufficient maturity and interest to both communities is reached that naturally results in the formation of a separate WG or RG to pursue them further.** The discussions of GHPN-RG are carried out both during the meetings and on the GHPN mailing list. Two specific goals of the GHPN-RG are identifying:

* grid application requirements and implementations that are not supported or understood by the networking community and

* advanced networking features that are not being utilized by grid applications. The GHPN-RG communicates the results of its work through the periodic release of informational documents.

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