



GLIF Technical working group

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Task Force Structure

- ★ Current Task Forces: Both Operational and Research
- ★ **Operational - Global Id Task Force** - Develop Global ID naming Scheme
 - ★ Chair: Ronold van der Pol
 - ★ Community agreed on Global ID naming scheme
 - ★ Task force developed a Global ID best Practice reference guide to be placed on GLIF website
 - ★ This task force has now completed its objective successfully and will remain open till Next meeting (Jan. 2008 - Jan 2010)
- ★ **Operational - PerfSONAR Task Force** -Fault Management of inter-domain lightpaths
 - ★ Chair: Thomas Tam
 - ★ Successful demonstrations at both Catania and Daejeon - progress is continuing
 - ★ *Relations to other task forces*
 - ★ Will help with topology server for GNI-API task force moving forward



Task Force Structure

- ★ **Research** - **GNI API Task Force** - develop interim solution for interoperability of multi-domain controllers via single API (GNI-API)
 - ★ Chair : Evangelos Chaniotakis -
 - ★ Successful Demonstration yesterday of proof of concept
 - ★ New Challenges:
 - ★ Security Discussed -agreed to go simple for for temp solution
 - ★ Interdomain path finding - agreed to provide a simple pluggable algorithm
 - ★ Topology - centralized simple mechanism - use PerfSONAR
 - ★ *Relations to other working groups*
 - ★ Use of Global IDs
 - ★ Work with PerfSONAR task force
 - ★ May work with Dynamic GOLE task force





Task Force Structure

- ✦ **Operational - Dynamic GOLE** - Develop an layer 2 operational dynamic GOLE experiment
- ✦ Chair John Volbretch, co-chair TBD
 - ✦ Agreed to develop an operational dynamic GOLE requirements by February Interim meeting
 - ✦ *Relation to other task forces*
 - ✦ Will feed requirements to the GNI-API task force
 - ✦ May use the Fenius software for controlling a GOLE or inter-domain lightpath
 - ✦ Use Global ID best practices
 - ✦ May use PerfSONAR for monitoring





Potential New Task Forces

- ★ **Operational - End Site Challenges Task force** - GLIF community work towards solutions towards common challenges of End sites
 - ★ Will have another presentation in Utah to determine if a task force is needed

- ★ **Next Generation GOLE architecture Task Force** - Define the architecture next generation GOLE
 - ★ An architecture proposed by next meeting

- ★ **Research - Green ITC Task Force** -
 - ★ Determine after panel session this afternoon

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