

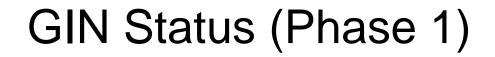
#### OPEN FORUM | OPEN STANDARDS

### **GIN – Face-to-Face Meeting**

#### CERN, March 14, 2007



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#### This meeting is internal assessment time

QuickTime<sup>™</sup> and a TIFF (LZW) decompressor are needed to see this picture.







- This is volunteer effort most often leading user demand
- Many people are working hard on "extra effort"
- Timelines often don't mesh.



# **GIN-AUTH**



- I believe this group has completed its current scope. Call for new chair unanswered.
  - Continue in background for phase 2.
- Recommendations completed:
  - X509 RFC 3820 (close enough)
  - IGTF CAs (but Shibboleth, commercial on horizon)
  - GIN VOMS service operating for bootstrap
- Recommendations under implementation:
  - VOMS: used for VO DN list, not yet attributes
  - VO naming: not yet used other than GIN.ggf.org
- Open issues for later stage:
  - Authorization policy expression, interpretation, maintenance





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Data update



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# **GIN-Data Status**



- 3 main goals
  - gridftp interoperability
  - SRM interoperability
  - SRB interoperability
- Goals more-or-less achieved as reported at GGF18:
  - <u>http://forge.ogf.org/sf/sfmain/do/downloadAtt</u> <u>achment/projects.gin/tracker.draftplans2006/</u> <u>artf5584?id=atch4259</u>



# **Open Issues**



- Documentation!
  - Make instructions available via and consolidate information on gridforge
- SRM
  - VO directory available via info-service
  - Better response when functionality is not available
  - Protocol issues if HTTP is used instead of gridFTP
- SRB
  - Trust establishment
  - Version mgmt, firewall mgmt, network tuning
  - Replication of metadata what will be shared
- GridFTP
  - Tuning
  - Wrong implementation assumptions
  - Address user questions!
  - Would CoG toolkit be useful for other testing as well? How close is it to SAGA?



# **Future activities**



- Bridging the islands
  - SRM interface to SRB is being developed
    - Effort between SDSC, Taiwan
    - Additional effort would be highly welcome!
  - Two-way interoperability needs to be tested
- New items
  - Metadata
    - Define a subset of common metadata
    - Replicate with file transfer
  - Higher level services
  - Driving applications
  - Management of policies, rules, etc. across Grids
- Interactions with standards
  - OGSA-DMI
  - GSM
  - GLUE
  - Security



# **GIN-JOBS**



- Successes:
  - GRAM Islands
    identified
    - Pre-WS
    - WS
  - JSDL ?

- Difficulties:
  - Successor to GRAM not yet defined/clear
  - Growing the islands is slow



# **GIN-INFO**



- Successes:
  - Agreement on local index interprets model
  - Common Schema?

- Difficulties:
  - Deployment ?
  - Registration/advertis ement of GIN-ready services ?



Laurence/Morris/Satoshi/Laura ?





# **GIN-OPS**



- Successes:
  - Collection of "gotchas" recorded in Wiki
  - Identified need and common concept of Comm. Software Areas
  - Automated "Breadth" testing in place

• Difficulties:

- Deployment on new GIN grids still labor intensive
- App needs services
  - GIN-ready index
  - Monitoring info
  - More common env?
- Wiki updates since 6/2006 ?



These are Dane's views. Unconfirmed with Peter/Cindy/OPS

# "Breadth" Testing



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