OGF Standards Activity

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myOGF

- Part of the Standards Council
  - Area Director for Applications

- Working Groups
  - Co-chair:
    - Basic Execution Service, *Resource Usage Service*
  - Participant:
    - OGSA, GIN, *Production Grids*, …
Applications Area (Application APIs)

- Grid Information Retrieval (GIR-WG)
- Grid Remote Procedure Call (GridRPC-WG)
- Grid Checkpoint Recovery (GridCPR-WG)
- Distributed Resource Management Application API (DRMAA-WG)
- Simple API for Grid Applications (SAGA-RG)
- Simple API for Grid Applications Core (SAGA-CORE-WG)
Open Grid Services Architecture

**Execution Management**
- Job description & submission
- Scheduling
- Resource provisioning

**Data Services**
- Common access facilities
- Efficient & reliable transport
- Replication services

**Resource Management**
- Discovery
- Monitoring
- Control

**Information Services**
- Registry
- Notification
- Logging/auditing

**Self-Management**
- Self-configuration
- Self-optimization
- Self-healing

**Security**
- Cross-organizational users
- Trust nobody
- Authorized access only

OGSA “profiles”

Web services foundation
Typical WG Activities

- Telephone Calls
  - OGSA – twice a week
  - GIN – every two weeks
- Physical meetings
  - Sessions during OGF events for outreach
GIN – Grid Interoperation Now
http://wiki.nesc.ac.uk/read/gin-jobs

- Bring together production Grid Activities
  - Authorisation (VOMS)
  - Jobs (pre WS-GRAM & WS-GRAM GT4 & JSDL)
  - Data (SRM & GridFTP)
- Production Grids
  - National Grid Service
  - EGEE
  - Open Science Grid
  - Nordu Grid