



OGF Standards Activity

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myOGF

- Part of the Standards Council
 - Area Directror 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

Self-Management

- Self-configuration
- Self-optimization
- Self-healing

Information Services

- Registry
- Notification
- Logging/auditing

Security

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

OGSA "profiles"

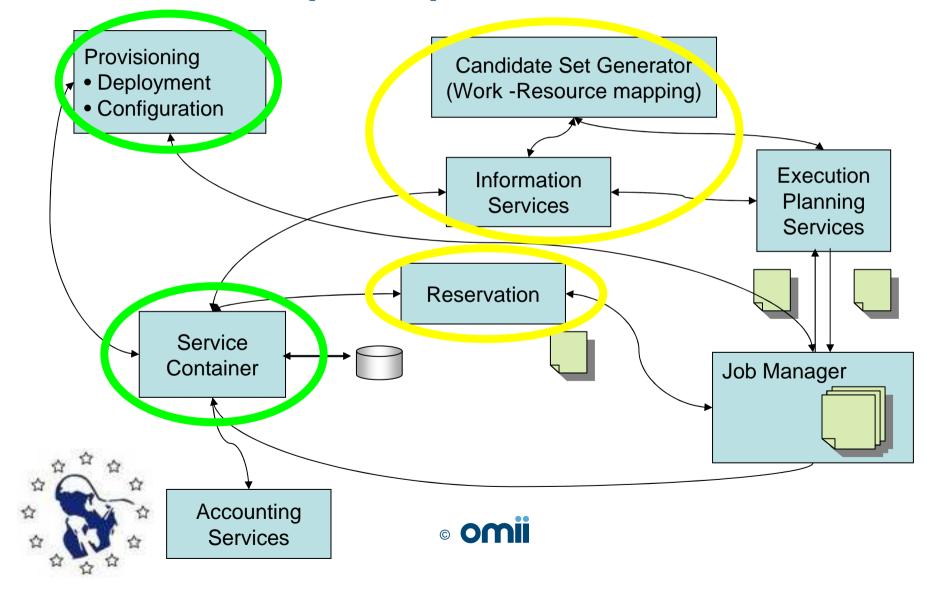
OGSA

Web services foundation



Execution Management Services (EMS) within OGSA







Typical WG Activities

- Telephone Calls
 - OGSA twice a week
 - GIN every two weeks
- Physical meetings
 - Sessions during OGF events for outreach









- 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



