

### **TSA1.1: Grid Management**

- Operations metrics and SLAs: John Shade
- Interoperations (OSG, Naregi, etc): Nickolas Thackray
- Application – Resource Provider Coordination: resource Allocation group chair
- Quality assurance

### **TSA1.2: Grid operations and support**

- Tools to support Grid operations: James Casey (OAT chair)
  - o SAM
  - o GOCDDB
  - o CIC
  - o Gstat
  - o Accounting
- Middleware deployment:
- Pre-production service: Antonio Retico
- Oversight and management of Grid operations: Nicholas Thackray as ROC manager coordinator, and all ROC managers
- Grid operator on duty: Helene Cordier
- Operations requirement collection and follow up: SA1 site representatives

### **TSA1.3: Support to VOs, Users, Applications**

- User support; this includes user support procedures, GGUS management and tools, TPM: Torsten Antoni
- SA1 participation in site and user training. SA1 will work together with NA3 on developing material for on-line training for site administrators: ASGC

### **TSA1.4: Grid security**

- Grid Security: Romain Wartel

### **TSA1.5: Activity Management**

## **TSA1.1: Grid Management**

The main sub-tasks include the following activities:

1. Overall coordination of the Operations through the Operations Coordination Centre.
2. ROC Management
3. Monitoring and enforcement of Service Level Agreements
4. Application – Resource Provider Coordination. The Resource Allocation Group is co-chaired by NA4 and SA1.
5. Grid Accounting
6. Interoperability and collaboration.
7. Operation of national or regional Certification Authorities and Registration Authorities where required, including overall “catch-all” authorities for EGEE.
8. Quality assurance

*Management teams(chair) and Management processes*

OCC (Maite Barroso, Nicholas Thackray, John Shade)

ROC managers (coordination: Nicholas Thackray)

- AP: Min-Hong Tsai
- CE: Aleksander Kuszniir
- CERN: Diana Bosio
- France: Rolf Rumler
- DECH: Sven Hermann
- Italy: Luciano Gaido, Tiziana Ferrari
- NE: Jules Wolfrat
- Russia: Alexander Kryukov
- SEE: Ognjen Prnjat
- SWE: Kai Neuffer
- UKI: Claire Devereux

SA1 Technical Team (site representatives: Daniele Cesini, Jeff Templon, Alessandra Forti, Steve Traylen)

Grid Operator on Duty Coordination (Helene Cordier)

Resource Allocation Group (to be decided)

User Support Advisory Group (Maria Dimou)

Operations Automation Team (James Casey)

Coordination with related infrastructure projects (John Shade)

Pre-production service coordination (Antonio Retico)

QAG representative (Nicholas Thackray)

## **TSA1.2: Grid operations and support**

The sub-tasks include:

1. Grid Operator on Duty (Coordination + Regional contributions) – coordinated by CNRS.
2. Oversight and management of Grid operations
3. 1st line support for operations problems
4. Run Grid services for production and pre-production services
5. Middleware deployment and support
  - a. Coordination of middleware deployment and support for problems
  - b. Regional certification of middleware releases if needed (outside of PPS and SA3 involvement). This is anticipated to be very rare and will require specific justification.

6. Interoperations – local, regional, international
7. Monitoring tools to support Grid operations. This includes any effort to develop and/or support grid operations tools. The operations Automation group effort is also included here.

### **TSA1.3: Support to VOs, Users, Applications**

The task includes the following sub-tasks:

1. GGUS management and tools. This will be the responsibility of FZK, with direction from the advisory group.
2. TPM and user support effort. This is staffed by effort from each of the Regional Operations Centres as one of their mandatory core tasks. Support for middleware related issues is the responsibility of JRA1 (Task TJRA1.1) and SA3 (Task TSA3.3). Dedicated LHC experiment support by the EIS team
3. Regional helpdesk
4. SA1 participation in site and user training. SA1 will work together with NA3 on developing material for on-line training for site administrators (ASGC).

### **TSA1.4: Grid security**

All operational and policy-related security tasks are part of SA1. These include:

1. A security team responsible for coordinating all aspects of operational security, including responding to security incidents,
2. A team dealing with security vulnerabilities in the middleware and deployment,
3. Responsibility for developing and maintaining the Security Policy and procedures jointly with other Grids
4. Ensuring the continued existence of a federated identity trust domain, and encouraging the integration of national or community based authentication-authorisation schemes.

EGEE Security Officer and OSCT chair: Romain Wartel

Grid Security Vulnerability Group chair: Linda Cornwall

Joint Security Policy Group chair: Dave Kelsey

Authentication Coordination (EU Grid PMA): David Groep

### **TSA1.5: Activity Management**

The sub-tasks are:

1. Activity management (leader, Maite Barroso and deputy, Nicholas Thackray)
2. ROC coordination (ROC coordinator, Nicholas Thackray and deputy, to be chosen)
3. Coordination with and participation in project technical bodies
4. Oversight and management of specific technical tasks within SA1 (e.g. all coordination/chairing roles)
5. Federation reviews
6. Metrics and Quality Team. Ensures that the appropriate sets of metrics are gathered within the operation to monitor the quality of all aspects of the operation, for monitoring SLAs, and for reporting purposes. The partner reviews will be organised by this team.
7. Contributions to general project tasks (conference preparation, reviews, etc.)
8. Production, editing, reviews of milestones and deliverables

SA1 areas:

- Grid Security: Romain Wartel

- User support; this includes user support procedures, GGUS management and tools, TPM: Torsten Antoni
- SA1 participation in site and user training. SA1 will work together with NA3 on developing material for on-line training for site administrators: ASGC
- Tools to support Grid operations: James Casey (with his OAT hat)
  - o SAM: John Shade
  - o GOCDB: Claire Devereux
  - o CIC:
  - o Gstat:
  - o Accounting:
- Middleware deployment: Antonio Retico
- Pre-production: Antonio Retico
- Operations metrics and SLAs: John Shade?
- Interoperations (OSG, Naregi, etc): Nick?
- Application – Resource Provider Coordination: resource Allocation group chair
- Grid operator on duty: Helene Cordier
- Oversight and management of Grid operations: Nicholas Thackray as ROC manager coordinator, and all ROC managers
- Operational requirements: SA1 site representatives