



Enabling Grids for E-scienceE

VO registration procedure explained

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- **OAG: name and function**
- **VO registration procedure**
- **Frequent problems**
- **Deregistering a VO**
- **Use of VO ID card by others**
- **“AOB”**
- **Links**

- **OAG: Operations Advisory Group**
- **Composition:**
 - VO managers
 - ROC managers
 - OCC representative
 - Others on invitation
 - Co-chaired by one person from NA4, the other from SA1
- **Missions**
 - Manage VO registration
 - Broker for resource allocation
 - Detect high level management, procedural, or technical problems, related to the VOs in EGEE

- **The manager of the new VO fills in the web form on the CIC portal**
 - Name in DNS format (example: vo.rocfr.in2p3.fr)
 - Description and scientific domain
 - VO AUP (document specific to VO's work and to its management model)
 - **NOT** Grid AUP (= general policy document valid for all grid users)
 - Various contact points
 - Homepage
 - Enrolment URL
 - Mail distribution lists
 - other
- **A member of the OAG verifies partly the coherence and pertinence of the information**
- **The 'scope' of the VO is defined, then it goes to the 'validated' state**
 - Scope is: External/Global Selected/Selected/Regional
 - States are: new/validated/active/inactive/dead
- **A VO goes 'active' when it has a VOMS server**
- **It goes 'inactive' if it loses this server, either temporarily or during deregistration**
- **It is 'dead' when it reaches the final state of the deregistration process**

- **A second web form allows updating the VO's information (by the VO manager, after registration)**
 - Contacts
 - Deputies
 - Experts
 - **Security contact**
 - GGUS or other VO support contact
 - ...
 - Job requirements
 - VOMS roles
 - etc.
- **Registration event is signalled to all the ROCs**
- **Any update is signalled to the OAG**

- **One major problem, several minor ones**
- **Major problem: confusion between Grid AUP and VO AUP**
 - Grid Acceptable Use Policy: this is a document valid for every user of every VO in any of the participating grids (EGEE, LCG, OSG at least). It is valid as is, and it is not VO specific.
 - VO Acceptable Use Policy: it is complementing the Grid AUP by specifying which work a user of the VO is allowed to do with the grid's resources, and who will enforce this policy (that is, ultimately, who will suspend or even terminate the user's VO membership if that user violates security rules). There is a suggested form of the VO AUP.
- **Minor problems**
 - Errors in URLs
 - VO description too short or not pertinent

- **VO names have to stay in the VO database**
 - For accounting reasons and to avoid mixing up identities.
- **VO goes to “inactive”, then to “dead”**
 - Delays depend on security considerations (currently an “inactive” VO goes “dead” after three months in inactive state).
 - **“inactive”**: resources *can* be recovered by the supporting sites, except the logs and the VOMS data base.
 - **“dead”**: even the logs disappear. “Dead” VOs no longer show up in summaries but will be displayed on explicit request (by name or state).
- **Official EGEE documents still have to be updated, in particular those for the security policies**
 - At least one of the Grid AUP or the VO AUP have to be updated to clarify the responsibilities.
 - A MoU might contain different rules, except for the minimum retention period of security related data.

- **Site administrators**
 - Configure their site via the YAIM configurator which uses the VO ID card data.
 - Get help in deciding whether to support a VO by reading the description of the VO and by following the link to its homepage.
 - Use the contact data and the VO AUP when having problems with (the jobs of) a user.
- **ROC manager**
 - May use scientific domain, description, and homepage to find candidate sites for supporting the VO in the ROC's region.
 - May detect naming conflicts.
- **Security officer / OSCT**
 - Uses VO manager contact or, if specified, security contact
- **GGUS**
 - See specific presentation later in this session

- **Created end of april 2007**
- **Accepts following types of tickets:**
 - Related to the registration/deregistration procedure
 - Requests for basic grid services (e. g. VOMS server, see below)
 - Other resource requests
 - Non trivial management problems between NA4 and SA1
- **Example:**

A VO needs a VOMS server.

 - It opens a ticket in GGUS.
 - Either it assigns this ticket directly to the OAG support unit or this will be done by the TPM (first level GGUS support).
 - Someone from the OAG contacts one or several ROCs to find one willing to host this service.
 - The ticket is assigned to the ROC setting up the server.
 - It is closed when the server is ready.

- **CIC portal**

- VO registration

- <https://cic.gridops.org/index.php?section=vo&page=newvoregistration>

- Updating the “VO identity card”

- <https://cic.gridops.org/index.php?section=vo&page=idcardupdate>

- YAIM configurator

- <https://cic.gridops.org/index.php?section=vo&page=yaim>

- **Description of the VO registration procedure**

- https://edms.cern.ch/file/503245/6/VO_Registration.doc

