



# LCG/GDB

## Security Update

*(Report from the Joint Security Policy Group)*

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# Overview



- Joint Security Policy Group meetings
  - <http://agenda.cern.ch/displayLevel.php?fid=68>
    - 2 Nov 2004, 6 Dec 2004
    - 25 Nov 2004 (EGEE workshop – Joint with SA1)
    - Next meeting: 24/25 Jan 2005 (CERN)
- Site Registration Policy & Procedures (approval)
- *Now also reporting to EGEE SA1 (ROC managers)*
- VO Registration
- User Registration Task Force
- Operational Security/Incident Response
- User Rules/AUP
- Plans for next meeting



# Site Registration policy & procedures



<https://edms.cern.ch/document/503198/>

Joint Security Policy Group Meeting  
EGEE Conference  
Den Haag  
2004-11-25



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# What we want to achieve



- Ensure that Resource Administrators understand and have agreed to their responsibility to abide by LCG/EGEE operational policies.
- The new sites provide all necessary contact and security information before they can be part of the Grid.
- The respective ROC becomes the one responsible for checking the validity of the information provided by the site and enabling it to join.
- The GOC database becomes the only place that the Deployment Team will consult to obtain valid contact information about a site.



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# Site Registration Information



- The full name of the participating institute and site.
- The abbreviated name of the site to be published in the information system.
- The name, email address and telephone number of the designated site manager.
- The name email address and telephone number of an individual to act as site security contact.
- The email address of a managed list for contact with site administrators.
- The email address of a managed list for contact with incident response team members.
- The name of the Regional Operations Centre providing support for the site.



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# Site Registration Procedure



- NewSite\_To\_ROC: Initial Registration Info and Statement of Acceptance of the Policy Documents.
- If OK ROC\_To\_GOC: Request for new entry in the GOC db.
  - Site status: *candidate*
- NewSite\_In\_GOCdb: Complete Registration Info.
- NewSite\_To\_ROC: Info validation request.
  - If OK ROC changes status: *uncertified*



*(read GOC manager in case of no ROC)*

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# Site certification Procedure



- **NewSite\_To\_DTEAM-admin:** Apply for DTEAM VO membership to check via test job submission the completeness of the local installation.
- **NewSite\_To\_CIC:** Request quality testing.
- **NewSite\_To\_LCG-deployment-support:**
  - Request to be included in the Testzone,
  - Be subject to further acceptance tests
- **LCG-deployment-support:** Includes the new site in the BDII.
  - If OK ROC changes status: *certified*



# Site Registration issues



One main discussion point

- Formal (written) procedure required?
  - For ROC to verify/approve new site?
- Similar to RA's for CA's
- Important for audit trail and to justify refusal
- Awaiting input from ROC managers
- My view: yes, we need it





# VO registration



- Lots of useful and lengthy discussion on this topic!
- Security issues vs VO approval vs integration
- New EGEE NA4/SA1 group (OAG)
  - <https://edms.cern.ch/document/498141>
- In Den Haag, agreed to merge the JSPG draft document with an EGEE SA1 document
  - <https://edms.cern.ch/document/503245> (JSPG)
  - <https://edms.cern.ch/document/488885> (SA1)
- Subsequently
  - Agreed to split again
  - A new “Security” policy document (Jan 2005)



# LHC User Registration



- Presented in Oct 2004 GDB
- Work continues
  - On modifications to VOMRS at FNAL
  - On interface to Oracle DB (HR) at CERN
- Task Force meets monthly to review
- Aim to implement in early 2005 (March?)



# Operational Security



- Overview was presented by Ian Neilson at Den Haag
- <http://agenda.cern.ch/fullAgenda.php?ida=a044494>
- Open Science Grid Incident Response
  - Presented in Den Haag by Bob Cowles
- EGEE OSCT team has been formed (Ian Neilson)
  - Representative from each ROC
- Working on Incident Response (based on OSG)
- And Security best practice (web) advice
  - E.g. forensics of incidents



## Other topics



- **New User Rules and AUP**
  - Draft AUP input to eIRG workshop (Den Haag)
  - White Paper being finalised this week
- Issues: Liability, for-profit or personal use, definition of “offensive” or illegal data
- Aim to have new LCG/EGEE AUP early next year
  - Jointly with OSG and others
- **Automated Client Certificates**
  - Job injectors and/or data managers
  - Technical and policy issues



# Future Plans



- January 24/25 2005 meeting
  - Major review of the Security Risk Analysis
  - And associated risk management
  - To prioritise activities in 2005
- Top-level Security Policy and many associated guides need revision
  - More general (“Grid” not “LCG-1”)
  - Useful to OSG and other projects
  - And tied in to eIRG White Paper activities
- Need to review status of the 3 LCG GOC “Guides”
- Operational Security very important, esp incident response
- Security Vulnerability analysis
  - GridPP work started here
- 2005: the year of the first real attack on Grid?



# Summary



- Lots of work in progress
- GDB approval of Site Registration document?