



Security Policies

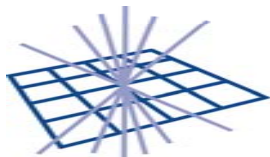
WLCG GDB

CERN, 9 January 2008

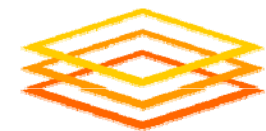
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GridPP
UK Computing for Particle Physics



Open Science Grid



Overview

- JSPG meeting was held at CERN
 - 29/30 Oct 2007
- VO Operations Policy
- Pilot Jobs Policy
- Logging and Traceability Policy
- Future Plans



VO Operations Policy

- “Final call” version (V1.5)
 - <https://edms.cern.ch/document/853968/1>
- Distributed early November
- A few comments were received
- Need to confirm we have addressed all of them
- Then approval by GDB, MB, EGEE, OSG etc.



Pilot Jobs Policy

- V0.3 (1st Oct 07)
 - *Policy on Grid Multi-User Pilot Jobs*
 - <https://edms.cern.ch/document/855383/1>
- Most contentious issue during Oct JSPG meeting
 - Whether to force identity switching or not?
 - Not just for LCG but all EGEE and OSG VOs
 - Good security reasons why this is required
 - Will all Sites agree? Can we force this?
- So we decided to concentrate on drafting policy statements on the requirements for traceability
 - See next slides



Logging and Traceability

- *Grid Security Logging and Traceability Policy*
 - V1.6 of what was “Security Audit Requirements”
 - See <https://edms.cern.ch/document/428037>
- Added section on the motivation for logging



Motivation for traceability

- Management of risk is important
 - Appropriate controls are essential
- Identifying cause of security incidents is essential
 - To prevent them happening again
- Goal is to contain impact of an incident
 - While keeping services operational
- Response to incidents must be commensurate with scale of the problems
 - Blocking a whole large VO because of one compromised user account is often not possible



Motivation (2)

- The minimum: identify the source of all actions
 - and the individual who initiated them
- Fine-grained monitoring and controls are needed
 - at individual user-level
- Essential to understand the cause and to fix any problems before re-enabling access
 - If did decide to block a whole VO ...
 - Unless we understand the details of an incident
 - how can we ever re-enable?
- GDB comments and input on this are welcome



Future plans

- Next face to face JSPG meeting
 - 29/30 Jan at CERN
- Agenda will include
 - Logging and Traceability Requirements policy
 - Can we also finalise the Pilot jobs policy?
 - Update old VO security policy documents
 - VO Security Policy
 - User registration and VO membership requirements
 - Update CA policy (to include new IGTF profile)
 - User-level accounting



JSPG Meetings, Web etc

- Meetings - Agenda, presentations, minutes etc
<http://indico.cern.ch/categoryDisplay.py?categId=68>
- JSPG Web site
<http://proj-lcg-security.web.cern.ch/>
- Membership of the JSPG mail list is closed, BUT
 - Requests to join stating reasons to D Kelsey
 - Volunteers to work with us are always welcome!
- Policy documents at
<http://proj-lcg-security.web.cern.ch/proj-lcg-security/documents.html>