



Enabling Grids for E-science

EGEE Security for VOs

Daniel Kouřil, CESNET

www.eu-egee.org



- **Joint Security Policy Group (JSPG)**
 - common policies for Grids
- **EUGridPMA**
 - CA accreditation
 - member of International Grid Trust Federation (IGTF)
- **Middleware Security Group (MWSG)**
 - Security architecture, MW-related security issues
- **Grid Security Vulnerability Group (GSVG)**
 - assessing software vulnerabilities in gLite
- **Operational Security Coordination Team (OSCT)**
 - operational security, security incident response
- **Security Coordination Group**
 - overall security coordination

- **Several VOs implement their SW**
 - consider if it has any security implications (proxy mgmt, ...)
 - consider security from very beginning
 - implement code with security on mind
 - don't hesitate to contact MWSG or OSCT if your SW
 - any feedback/comments from real users is appreciated
 - several gLite components can be re-used
- **If security is underestimated/neglected, serious problems can pop up later during production**
 - VO risks serious problems then
 - remember site's concerns about pilot jobs

- **Usually a lot (excited) communication during investigations**
 - many parties contacted
- **VO should be prepared to take necessary actions**
 - user traceability
 - user management, including suspension and maintaining communication channels
 - get security policies and procedures
- **Fast reactions are crucial**
 - not necessary to provide all information immediately
 - In doubt, always contact OSCT or closest ROC security contact
- **SSC3 involves VO's participation**