



Information and Monitoring

Deployment Issues

www.eu-egee.org







LCG2 and R-GMA in the UK

Enabling Grids for E-sciencE

- Currently looks good
- Only one site is failing R-GMA test (UCL I think)



Next Release

There is a major bug fix which we issued last week

- Greatly reduces firewall problems
- Supports multiple registries (with replication)
- Introduces new API
 - Compatible with future web services
- Much easier to exclude rogue sites/machines

Deployment

- To introduce it first the registry and schema must be updated
- Then Mon boxes around the world need to be upgraded
- Finally when **no** old mon boxes are in the registry other registry instances can be added



gLite Services and Responsible Clusters

JRA3

CERN

Grid Access
Service

Access Services

UK

IT/CZ

Authorization

Authentication

Auditing

Security Services

Information & Monitoring

Application Monitoring

Information & Monitoring Services

Service Discovery

Metadata Catalog

Storage Element

File & Replica
Catalog

Data Management

Data Services

Accounting

Site Proxy

Job Provenance

Computing Element

Package Manager

Workload Management

Job Management Services



Main Differences to LCG-2

Enabling Grids for E-sciencE

- Information Services:
 - Authentication
- Service Discovery
 - New

Network monitoring being added by JRA4

Based on EDG WP7 work with R-GMA





gLite deployment

- New deployment modules
- What will SA1 actually do???
- When will it happen???
- Services deployed in parallel
 - gLite R-GMA almost same as bug fix release to LCG but authentication prevents interworking