



CENTRE NATIONAL
DE LA RECHERCHE
SCIENTIFIQUE



WP6 Summary

C. Loomis (charles.loomis@cern.ch)

7th EDG Conference

Heidelberg, Germany

September 30, 2003



Production Release

▶ **Current on App. TB:**

❖ 2.0.5 → 2.0.7

▶ **Known problems:**

❖ RGMA stability

2.0.0	2003-08-28	Celebration!
2.0.1	2003-09-08	Configuration, security (pam_smb), IDL
2.0.2	2003-09-12	Configuration, utility scripts
2.0.3	2003-09-17	Upgrade IDL, security (openssh), configuration
2.0.4	2003-09-19	Security (openssh, sendmail), configuration
2.0.5	2003-09-22	Utility scripts
2.0.6	2003-09-27	Bad tag; sorry.
2.0.7	2003-09-27	Upgrade RM (1.4.13)



Development Release

▶ HEAD of edg-release

- ❖ All latest integrated software (closest to 2.1.0).
- ❖ Recent additions: RLS (RLI), VOMS, LCAS, LCMAPS
- ❖ EDG software only uses gcc 3.2.2.
- ❖ INCOMPATIBLE with EDG 2.0.x.

▶ Branch WP5 (b20030914_1440)

- ❖ Lots of bug fixes from WP5
- ❖ Incorporated shortly.

Testbeds

▶ Application testbed:

- ❖ Expected to run at least through EU review.
- ❖ ~15 sites
- ❖ Infrastructure split between RAL and NIKHEF.

▶ Development testbed:

- ❖ Only three sites (RAL, NIKHEF, LAL)
- ❖ Can only really test bug fixes.

▶ XGrid Testbed



Evaluation of Testbed

▶ Managed via CVS; source in LaTeX.

▶ Major Areas:

- ❖ Summary of past experience (incl. integration)
- ❖ Operations
 - Volunteer needed to summarize and categorize problems
- ❖ Software Evaluation
 - "ping" for services
 - Functional tests
 - Performance tests
- ❖ (Ease?) of Software Installation
- ❖ Security Problems



Installation Methods to Support

EU Reviewers made strong point: simple installation method for small sites.

► Methods to Support

❖ LCFGng

— Already standard install method → no problems here.

❖ Manual Installation

— Significant simplification for EDG services.

❖ CD / Shared File System

— Correct split of /opt/edg and /opt/edg/var areas.

❖ Partial Quattor support (?)

— Possible depending on effort required.

► Need volunteer sites.

► Need cooperation from middleware.

Summary

▶ To do:

- ❖ Evaluation
- ❖ Clean-up of configurations

▶ Integration:

- ❖ Bug fixes tested on dev. testbed
- ❖ Thanks to ITeam members!
- ❖ Evaluation of integration process (Sylvain Chapeland)...