



Enabling Grids for
E-science in Europe

www.eu-egee.org

AA Meeting, CERN, 18th June 2004

Summary

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NA1

- Federation structure working well for mgmt & admin
- Prepayment process started
- Monthly reporting process underway
- Execution plan updated
 - Marc-Elian working part-time on tech. coord. (also dissemination)
- PPT tool will not be used for first quarterly report
 - Timesheets, WBS, project participants and work-flow being finalised
- PM3 Deliverables
 - DNA1.1.1 – Quarterly report
 - DNA1.2 - Gender Action Plan
 - Draft in EDMS. Start review 10th July
- Dates for first EU review fixed: **February 9th to 11th 2005**
 - PM9 deliverables **must** be completed (reviewed) before Christmas
 - Consider them as PM8 deliverables

- White paper will evolve to address authorization and accounting issues
 - <http://www.einfrastructures.org/>
 - Next version to be ready for early November (eIRG meeting in Netherlands)
 - NA5 deliverables are currently not aligned with eIRG meetings
- A number of candidates have declined the offer made by CERN for the NA5 post – **this is the most urgent point to address**
 - Do you know any suitable candidates?

- Integration & Testing
 - Excellent progress on tools infrastructure to support development/integration/testing
 - Validation testbed setup (CERN, NIKHEF, RAL)
 - 1st prototype deployed and first bugs found
 - Configuration documentation available
- All sw clusters contributing to prototype work
- 1st prototype deployed at CERN & Wisconsin - ARDA and Biomed representatives evaluating (feedback next week)
- More components/services will be integrated over the summer
- Execution plan : WBS & resource plan updated

JRA1 cont.

- Risks/Concerns:
 - Timescales v. quality, requirements v. complexity
 - DJRA1.2 (design) timeline (PM5)
- Deliverables/milestones
- MJRA1.1: tools - done!
- MJRA1.2: sw clusters dev & test infrastructure – done! (JRA3?)
- DJRA3.1: Design of grid services (Release 1)
 - Draft already distributed
- TO DO before the end of summer
 - All prototype software must be put in SCM
 - Establish test suite

JRA3

- Security GAP analysis performed with basic release plan taken into account by JRA1
- Mware security established and working
- Deliverables/milestones
 - MJRA3.2: PMA group set-up – done!
 - DJRA3.1: (PM5) security architecture – 80% completed

NA2

- Deliverables:
 - DNA2.1 (project info) – delivered
 - DNA2.2.1 (external website) – delivered
 - DNA2.3.1 (internal website) - delivered
 - DNA2.4.1 dissemination strategy – ready for review next week
 - John Dyer will review DNA1.2
- Execution plan uploaded to EDMS
 - 80 individuals from 21 institutes
 - WBS
 - Partner descriptions/responsibilities
- 2nd EGEE conference
 - 22nd – 26th November in The Hague (Netherlands)
 - Goal: prepare 1st EU review
 - In conjunction with DESIA, DILIGENT, SEE-GRID, Geant(?)
 - Next meeting 5th July at The Hague
 - Include representative from GRNET for 3rd project conf.
 - Need to set-up programme committee

NA2 (cont.)

- Products developed – websites & brochures
- Now completing branding
 - Style sheets etc. – should not deviate within the project
- IST2004 conference
 - Organising common stand
- Risks
 - Good communication with partners
- Websites
 - Suggested coherent approach with entry, public, technical, industry, training – looks good needs to be discussed offline
 - Need contributions for external website from activities

NA3

- 7 courses/presentations already held and 5 more planned through July
 - Moving towards more but smaller events based on feedback
- Experience with GENIUS portal and GILDA testbed
- Good progress on internal website
- Deliverables/milestones
 - DNA3.1.1: (PM3) Training Plan – end of June
 - MNA3.1: Training and induction planning phase complete
- Consult other activities to ensure “programming” courses are inline with the needs of the project
- NeSC team now complete
- Risks
 - Uneven spread of NA3 partners (None in France, Iberia) – link with NA4

JRA4

- Deliverables/milestones
 - MJRA4.1 (PM3): definition of metrics – document in preparation.
Formal review?
 - DJRA4.1 (PM6): spec interfaces – in progress (50%)
 - MJRA4.2 (PM6): requirements & use cases (input from users, mware and operations activities) - in progress (<50%)
- Hiring advancing but not yet finalised
- Risks
 - Current architecture model relies heavily on GN-2 software
 - GN-2 timescales not clear
 - Need better integration with CERN on network activities (JRA4/SA2)
 - Suggested CERN (David Foster) to join TNLC?

- Better defined roles/responsibilities for ROC and CIC
 - Roles of each ROC identified (ROC coordination)
- Deliverables/milestones
 - DSA1.1: Exec. plan for first 15 months of infrastructure operation
Will go to formal review 1st July
- LCG-2 deployment centres
 - RCs connected in all federations
 - Currently 62 sites (covers PM6 and PM12 milestones)
 - GRNET, Clermont and SARA is a connected non-HEP site
- Non-HEP applications deployed
 - BIOMED VO supported by IN2P3-Lyon, INFN-CNAF RB, RCs at Clermont, Lyon
 - Technical problem with CNAF RB to be addressed to get first BIOMED job running

SA1 (cont.)

- **Mware certification testbed**
 - CERN (other ROCs to join, first Italy and SEE) used by SA1 people to certify new mware
- **Pre-production**
 - Starts with LCG-2 waiting for JRA1 components
 - Nick Thackray (CERN) will coordinate this service and produce execution plan
- **Platforms supported**
 - SA1 questionnaire RC responses collected and supported platform list agreed with JRA1 (RH Enterprise & free distribution from same sources)
 - **Personnel**
 - Improved but still some holes and inconsistencies (e.g. CE, SW)

SA2

- WBS finalised
- Manpower
 - RCC KI have been slow to start and now have a new team and expect a plan by Monday
- Milestone
 - MSA2.1: First meeting of EGEE-Geant/NRENs Liaison Board
 - first meeting held this week
 - Place to discuss/deal with practical issues of interface between NRENs and EGEE
 - Terms of reference document in EDMS <http://edms.cern.ch/document/475291>
 - Building db of networks connections (discuss with SA1)
- Risks
 - Lack of understanding of networking issues by users hence vague requirements

NA4

- BioMed applications deployed and expect to run first job shortly
 - **Milestone: demo BioMed application running on LCG-2 by Sept.**
 - Mammogrid people are now involved
- Generic
 - First EGAAP meeting held June 14th
 - 4 applications presented
 - 3 applications (comp. chemistry, earth science, astro-particle) recommended for deployment with allocation of NA4 resources
 - Mini-ProjPlan will be made between each application and EGEE
 - Progress report at next EGAAP meeting (2nd conf)
 - EU projects: GRACE, Mammogrid and Diligent asking for NA4 support
 - Expression of interest: Planck/Gaia (astroparticle), SimDat (drug discovery)
- Risk: how to address growing interest from external institutes/ EU projects/ applications

NA4 (cont.)

- Test team
 - First test plan written and template defined
 - Contact with JRA1
- Deliverables/milestones
 - MNA4.1 requirements – done
 - Simple tool being used of mgmt
 - DNA4.1 common app. Interface (PM3): draft in EDMS
 - Ready for review end of June
- Manpower
 - 70% identified (some groups have not yet provided info, others are still hiring)
 - Need better process to involve all NA4 partners
- NA4 open meeting
 - to be held in Catania July 15-16
 - Sessions with SA1, JRA4-SA2, JRA1

NA4: Project Technical Forum (PTF)

- Cross-activity forum to address requirements / specifications etc.
- Mandate and composition set-up by PEB
- First meeting held 17th June
 - Clarified mandate/programme of work
 - Members from all activities (except NA2-5)
 - Info. (agenda/minutes/email list) are public
- Next steps
 - Will be submitted to PMB
 - Put together requirements from all sources and address first specifications
 - PTF members involved in review of related PM3 deliverables (DJRA1.1, DSA1.1, DNA4.1)

NA4: ARDA

- LCG(HEP) body to address analysis on the grid
- Representatives from the 4 LHC experiments and EGEE personnel
- Currently testing gLite software through experiment frameworks
- Workshop next week to provide feedback on first evaluation of the gLite software
- Must ensure mechanism where simulation/reprocessing (i.e. batch jobs) using gLite can be tested with the experiments as well as analysis

Inter-activity issues

- **Technical**
 - JRA1/JRA3 – integrate security design in mware
 - JRA1/JRA4 – discussion on-going but need to clarify integration of network components
 - NA4/JRA1 – clarify feedback loop for BioMed and generic applications evaluation of gLite (start with mailing list)
 - PTF will help at requirements/service specifications level
- **NA3/JRA1/SA1 – technical training programme**

Deliverables

- PM1 deliverables sent
 - DNA2.1 project presentation
 - DNA2.2.1 external website
 - DNA2.3.1 internal website
- PM3 deliverables
 - DJRA1.1 architecture
 - DJRA2.1 quality plan
 - DJRA4.1 common application interface
 - DNA1.2 gender action plan
 - DNA3.1.1 training plan
 - DNA2.4.1 dissemination plan
 - DSA1.1 execution plan
- DNA1.1.1 quarterly report
 - Effort data collected from timesheets
 - Activities to provide textual description of work performed

Drafts exist
Go to review end of June
Moderators/reviewers
Send to EU end July

Needs to be done
during July – keep
it short!
**Send to EU end
July**

Common themes

- Requirements tracking
 - Converge on common tool for managing/tracking requirements across all activities
- Testing
 - Coordination many testing activities
 - How to avoid too much overlap, gaps and ensure we focus on priorities
 - Common tools and frameworks
 - Must ensure mechanism where simulation/reprocessing (i.e. batch jobs) using gLite can be tested with the experiments as well as analysis (ARDA)
- Migration between LCG-2 and GLite
 - Must avoid “big bang deployment” by evolving existing service
 - LCG-2 managed data must be preserved - should be transparent for users
- Training
 - Link with NA2, NA4 and SA1 to ensure constant supply of participants

Next All-activity meeting: September (around 7th Sept.)

review status of PM6 deliverables