SA3 All Hands

The next 6 months

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e-infrastructure

Middleware Planning

- **FTS/SL4**
  - Status - A problem has been found in the recent SL4 release (undeployed) so a fixing iteration will be necessary.
  - Integration will set up an SL5 build to get an idea of its potential but its deployment is not currently the plan.
  - Target - full deployment of 2.1 on SL4
- **CREAM**
  - Here we should be more aggressive:
  - LCG-CE inherently problematic for analysis
  - If the use case is direct submission with no proxy renewal, CREAM is basically ready
  - Proxy renewal should be fixed in the simplest possible way (reproduce the lcg-CE solution)
  - WMS submission will come with ICE, timescale months
  - Target – maximum availability in parallel with lcg-CE

Middleware planning

- **WMS**
  - Status: Patched WMS (fixing bug #39641 & bug #32345) within 1 week
  - Target: This patch should be deployed
  - ICE to submit to CREAM
  - Not required for certification
  - ICE will be added in a subsequent update (but better before Feb. 2009)
- **gridftp2 patches**
  - These are being back ported to VDT1.6
  - Important or dCache and FTS
- **Publishing of detailed service versions**
  - Several small improved information providers are in certification
  - More could be added
  - Not very invasive, but potentially useful

Middleware Planning

- **WN/SL5**
  - Status - CERN/FIO now has a first installation at CERN, which will be tested by the experiments.
  - Target – available on the infrastructure in parallel to SL4
  - We should also continue to pursue the python2.5 and alternative compiler stuff, but this can be added subsequently.
- **Multiple parallel versions of middleware available on the WN**
  - Status - at the moment it is not easy to install or use multiple parallel versions of the middleware at a site. While the multi middleware versions and multi compiler support are not disruptive, they require some changes on the packaging side and a small adaptation on the user side.
  - Target - it seems advisable to introduce this relatively shortly after the bare bone WN on SL5.

Middleware Planning

- **glexec/SCAS**
  - Target - enabling of multi-user pilot jobs via glexec. This could conceivably be via another means than SCAS, but this would have to be decided asap.
- **Glue2**
  - Status - Glue2 is awaiting final validation at OGF, expected November.
  - Target - we should try to get the new schema deployed to the BDIIs so we can iron out initial deployment glitches, leaving us with a working but unpopulated Glue2 infosys in parallel to 1.3. Info providers could subsequently be upgraded gradually, as could clients.
- **CE publishing**
  - Status - A set of changes to rationalise publishing of heterogeneous computing resources is envisaged. A full roadmap will be published by Steve Traylen this week. The first phase will be the deployment of the new tools, enabling simply the current situation. Subsequent phases then take advantage of the new tools.
  - Target - the first phase as described above.

SL5 and gLite 3.X

- **Release Management**
  - Release all services on SL5, on 64bit where possible
  - Release clients on 64/32
- **New approach to versioning**
  - Take the 'RHEL' approach
  - Rolling checkpoints

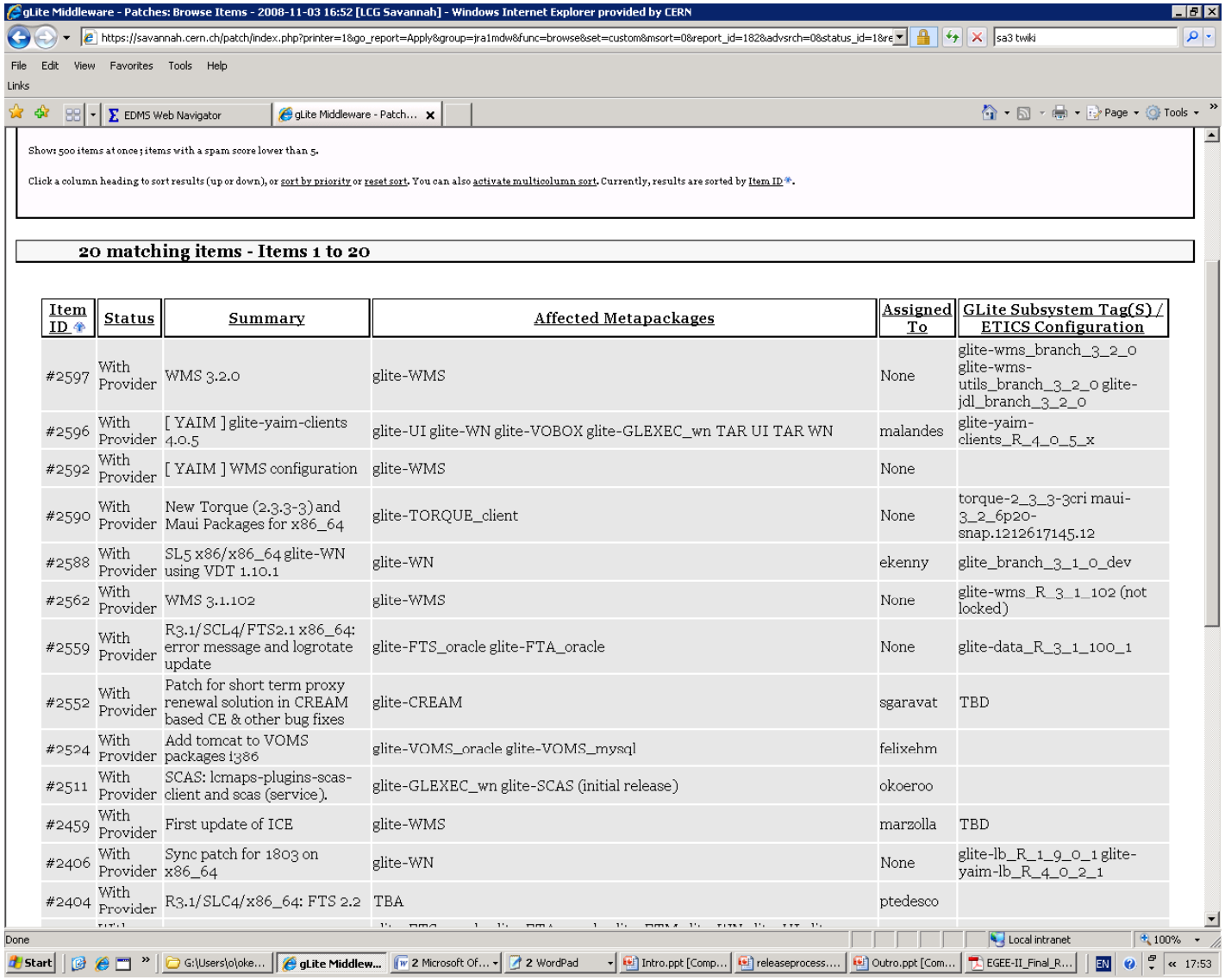
Forthcoming Milestones

MSA3.7	gLite Roadmap	SA3	CERN	7	High level roadmap on the future evolution of gLite during the lifetime of EGEE-III. This will take into account the detailed roadmaps of JRA1 (MJRA1.3.1, MJRA1.4), NA4 (DNA4.1) and interoperability and standardisation work (MSA3.2 and MSA3.3). It will be jointly developed by these activities within the TMB.
	…that's all!				

Sustainable infrastructure

- EGI.org
- gLite consortium
- UMD

"With provider" – the crystal ball



Next meeting...

The European Grid Initiative

- EGI_DS has produced a blueprint document
- Was discussed at CERN, Monday 30th June
- Produce revised and updated programme of work based on changes required in year 2 of EGEE-III