



Enabling Grids for E-scienceE

# gLite 3.1 / SL4 Status

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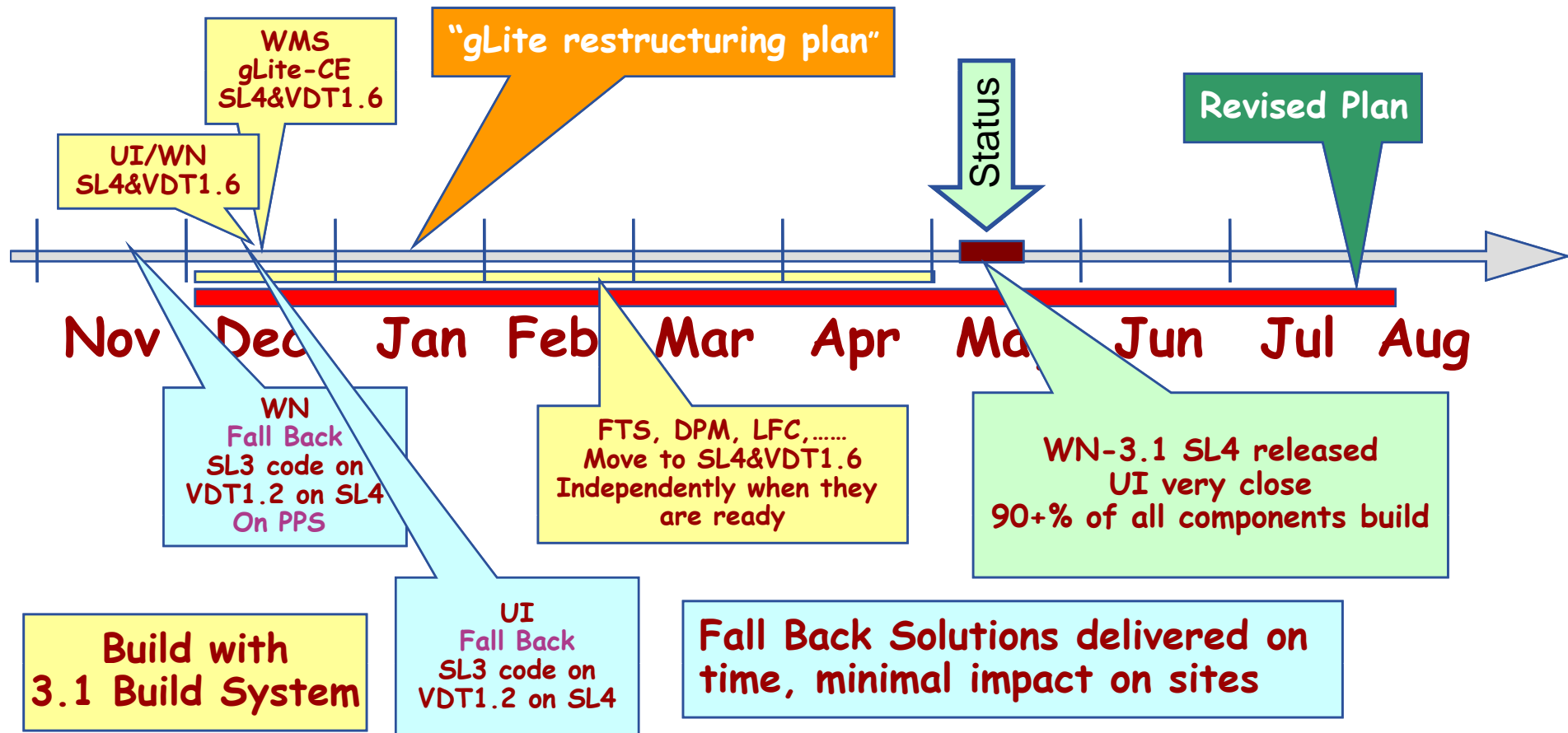
**SA3**

**CERN-IT-GD**

[www.eu-egee.org](http://www.eu-egee.org)



- As shown at the EGEE review
- Problems to move to gLite-3.1 (including ETICS)
  - Addressed by the PMB endorsed “gLite restructuring plan”



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https://twiki.cern.ch/twiki/bin/view/EGEE/Glite31NodeTracker

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**CERN Webs**

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- LCG
- LCGAAWorkbook
- LHCAtHome
- LHCOPN
- LHCb
- LHCb

### Status of individual services scheduled for gLite 3.1

service	SL(C)4/i386	SL(C)4/x86_64	Comments
glite-WN	Released	Build	
glite-UI	Released	Build	
glite-AMGA_postgres	Integration	Integration	
glite-BDII	PPS	Configuration	
glite-CE	Build	Build	
log-CE	Certification	Build	
glite-FTA_oracle	Integration	Build	
glite-FTS_oracle	Integration	Integration	
glite-FTM	PPS	Integration	
glite-LB	Integration	Build	
glite-MON	Configuration	Build	
glite-PX	Configuration	Integration	
glite-SE_classic	Integration	Build	
glite-SE_dpm_disk	Configuration	Integration	
glite-SE_dpm_mysql	Configuration	Integration	
glite-SE_dpm_oracle	Integration	Integration	
glite-LFC_mysql	Certification	Integration	
glite-LFC_oracle	Integration	Integration	
glite-TORQUE_utilite	Configuration	Build	
glite-TORQUE_client	Released	Build	
glite-TORQUE_server	Configuration	Build	
glite-VOMS_oracle	Integration	Integration	
glite-VOMS_mysql	Configuration	Integration	
glite-VOBOX	Configuration	Integration	
glite-WMS	Integration	Build	

Done

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- **Shift of effort to CREAM-CE**
  - Result of CE discussion (still ongoing)
  - **SL3 prototype worked well**
  - SL4 version is in preparation
    - Release to production is several months away
      - *Many small details have to be finished*
- **Production gLite-CE on SL4**
  - would require some months
- **LCG-CE has been ported to SL4 + VDT-1.6**
  - Stress tested (works as well as the SL3 version)
  - Packaging well advanced
  - Some minor configuration work needed
    - Configuration for APEL
    - Support for DGAS being actively pursued (Maarten is at it)
    - **Will reach PPS in 2 weeks**

- **Checkpoint release of WMS/LB on SL3 ('patch #1251')**
  - Has been released to Production (as part of gLite 3.0)
  - A few issues, but maintenance is expensive
  - Significant improved version (will last for 2 -3 months)
- **Work on WMS/LB gLite 3.1 / SL4 version**
  - Hope to see a candidate in certification in **about 2 months**
  - Service is building, some packaging still required
    - Yaim from 3.0 release should work OK
- **BDII now released to PPS**
  - Supports `_site` and `_top` configurations
  - Resource BDII's will be standard on all relevant services
  - Functional tests have been successful

- **DPM and LFC have been tested internally on SL4**
  - 32bit and 64bit versions, both work in informal runtime tests
  - Configuration has been taken over by the DM team
    - Just waiting for the yaim component to complete certification
- **AMGA\_postgres**
  - Integration finished
  - Building yaim packages
  - Finalising drivers

- **Glite-MON**
  - Need config for tomcat 5.5
- **Glite-PX**
  - Finalising configuration
- **glite-SE\_classic**
  - Just started working
- **Glite-VOMS**
  - Being processed as patch #1322
  - Just received a new set of rpms

- **FTM has been release to PPS**
- **FTS-2 SL4 pilot service is **planned for October****
- **Release and deployment at T1s in January**
- **VOBOX prototype has been setup during summer**
  - First version of configuration available
  - Need updated proxy renewal utils



- **Up to now we have been talking about 32 bit**
- **Strategy for 64 bit is prioritised;**
  - WN + Torque\_client
  - DPM\_disk
  - UI
  - Other services depending on 64bit advantage
- **Currently the 64bit WN + torque is undergoing runtime testing**
  - Our management scripts need to be updated to accommodate packages which must be installed 32/64