



Enabling Grids for E-scienceE

gLite 3.1 / SL4 Status

Oliver Keeble & Markus Schulz

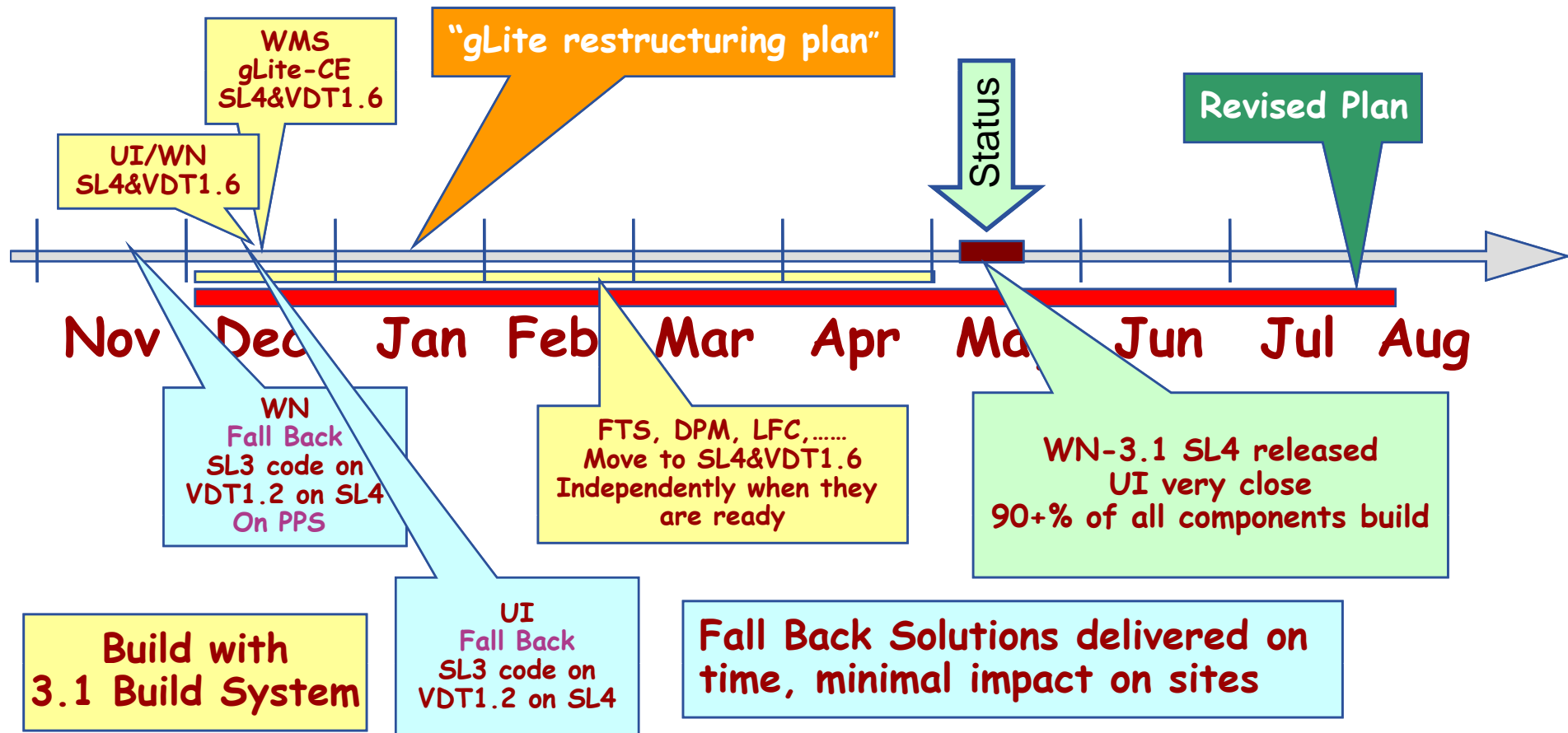
SA3

CERN-IT-GD

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- 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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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