

8-Nov-07		WLCG High Level Milestones - 2007													
ID	Date	Milestone	Done (green)			Late < 1 month (orange)					Late > 1 month (red)			FNAL	
			ASGC	CC IN2P3	CERN	FZK GridKa	INFN CNAF	NDGF	PIC	RAL	SARA NIKHEF	TRIUMF	BNL		
<b>24x7 Support</b>															
WLCG-07-01	Feb 2007	<b>24x7 Support Definition</b> Definition of the levels of support and rules to follow, depending on the issue/alarm				Sep 2007				Sep 2007	Dec 2007				
WLCG-07-02	Apr 2007	<b>24x7 Support Tested</b> Support and operation scenarios tested via realistic alarms and situations							Oct 2007	Oct 2007	Jan 2008				
WLCG-07-03	Jun 2007	<b>24x7 Support in Operations</b> The sites provides 24x7 support to users as standard operations								Sept 2007	Mar 2008				
<b>VOBoxes Support</b>															
WLCG-07-04	Apr 2007	<b>VOBoxes SLA Defined</b> Sites propose and agree with the VO the level of support (upgrade, backup, restore, etc) of VOBoxes							Oct 2007						
WLCG-07-05	May 2007	<b>VOBoxes SLA Implemented</b> VOBoxes service implemented at the site according to the SLA							Oct 2007	Nov 2007					
WLCG-07-05b	Jul 2007	<b>VOBoxes Support Accepted by the Experiments</b> VOBoxes support level agreed by the experiments	ALICE	n/a							n/a			n/a	n/a
			ATLAS												n/a
			CMS						n/a						n/a
			LHCb	n/a					n/a						n/a
<b>VOMS Job Priorities</b>															
<b>VOMS Milestones below suspended until the VOMS Working Group defines new milestones.</b>															
WLCG-07-06b	Jun 2007	<b>New VOMS YAIM Release and Documentation</b> VOMS release and deployment. Documentation on how to configure VOMS for sites not using YAIM	EGEE-SA1												
WLCG-07-06	Apr 2007	<b>Job Priorities Available at Site</b> Mapping of the Job priorities on the batch software of the site completed and information published													
WLCG-07-07	Jun 2007	<b>Job Priorities of the VOs Implemented at Site</b> Configuration and maintenance of the jobs priorities as defined by the VOs. Job Priorities in use by the VOs.													
<b>Accounting</b>															
WLCG-07-08	Mar 2007	<b>Accounting Data published in the APEL Repository</b> The site is publishing the accounting data in APEL. Monthly reports extracted from the APEL Repository.													
<b>3D Services</b>															
WLCG-07-09	Mar 2007	<b>3D Oracle Service in Production</b> Oracle Service in production, and certified by the Experiments													squid frontier
WLCG-07-10	May 2007	<b>3D Conditions DB in Production</b> Conditions DB in operations for ATLAS, CMS, and LHCb. Tested by the Experiments.													squid frontier
<b>Procurement</b>															
WLCG-07-16	1 Jul 2007	<b>MoU 2007 Pledges Installed</b> To fulfill the agreement that all sites procure the 2007 MoU pledged by July 2007							Sept 2007			Jan 2008			
WLCG-07-17	1 Apr 2008	<b>MoU 2008 Pledges Installed</b> To fulfill the agreement that all sites procure they MoU pledged by April of every year									March 2008				
<b>FTS 2.0</b>															
WLCG-07-18	Jun 2007	<b>FTS 2.0 Tested and Accepted by the Experiments</b> In production at CERN and accepted tested by each Experiment	ALICE			ATLAS			CMS			LHCb			
WLCG-07-19	Jun 2007	<b>Multi-VO Tests Executed and Tested by the Experiments</b> Scheduled at CERN for last week of June	(will be part of CCRC in February and May 2008)												
WLCG-07-20	Sept 2007	<b>FTS 2.0 Deployed in Production</b> Installed and in production at each Tier-1 Site													
<b>BDII</b>															
WLCG-07-21	Jun 2007	<b>BDII Guidelines Available</b> On how to install BDII on a separated node	EGEE - SA1 (not requested)												
WLCG-07-22	Jun 2007	<b>Top-Level BDII Installed at the Site</b> For each Tier-1 site													
<b>glxexec</b>															
WLCG-07-24	Jul 2007	<b>Decision on Usage of glxexec and Guidelines to Follow</b>	GDB												

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<b>Site Reliability - June 2007</b>																	
WLCG-07-12	Jun 2007	Site Reliability above 91% Considering each Tier-0 and Tier-1 site	Apr 89%														
			May 89%														
			Jun 91%														
			Jul 91%														
			Aug 91%														
Sept 91%																	
WLCG-07-13	Jun 2007	Average of Best 8 Sites above 93% Eight sites should reach a reliability above 93%	Averages of the 8 Best sites Apr-Sept 2007 Apr 92% - May 94% - Jun 87% - Jul 93% - Aug 94% - Sept 93%														
<b>MSS Main Storage Systems</b>																	
WLCG-07-25	Jun 2007	CASTOR 2.1.3 in Production at CERN MSS system supporting SRM 2.2 deployed in production at the site	CERN Tier-0														
WLCG-07-26	Nov 2007	SRM: CASTOR 2.1.3 Tested and Accepted by the Experiments From the SRM Roll-Out Plan (SRM-16 to -19)	ALICE n/a			ATLAS Nov 2007			CMS Nov 2007			LHCb Nov 2007					
WLCG-07-27	Nov 2007	SRM: dCache 1.8 Tested and Accepted by the Experiments From the SRM Roll-Out Plan (SRM-16 to -19)	ALICE n/a			ATLAS Nov 2007			CMS Nov 2007			LHCb Nov 2007					
WLCG-07-28	Sept 2007	Demonstrated Tier-0 Performance (Storage, DM at T0) Demonstration that the highest throughput (ATLAS 2008) can be reached.	CERN Tier-0														
WLCG-07-28b	Sept 2007	Demonstrated Tier-0 Export to Tier-1 Sites Demonstration that the highest throughput (ATLAS 2008) can be reached.	CERN Tier-0														
WLCG-07-29	Feb 2008	SRM: CASTOR 2.1.3/dCache in Production at T1 Site From the SRM Roll-Out Plan (SRM-20 to -21a)															
WLCG-07-30	Dec 2007	SRM Implementations with HEP MoU features With full features agreed in the HEP MoU (srmCopy, etc).	CASTOR			DCache			DPM								
<b>SL4 Migration</b>																	
WLCG-07-11	Depl Date + 30d	SL4 Operational at Site (for WN and UI nodes) This has to happen within 30 days after the release from GD.	Replaced by individual milestones for the Middleware components.														
<b>WN and UI</b>																	
WLCG-07-31	Jun 2007	WN Installed in Production at the Tier-1 Sites WN on SL4 installed on each Tier-1 site, with the configuration needed to use SL4 or SL3 nodes							n/a					n/a		n/a	
WLCG-07-32	Jun 2007	UI Certification and Installation on the PPS Systems	EGEE - SA1-PPS done: Jul 2007														
WLCG-07-33	Aug 2007	UI Tested and Accepted by the Experiments	ALICE			ATLAS			CMS			LHCb					
<b>gLite CE</b>																	
The gLite CE will not be deployed on SL4, the porting of the LCG-CE is in progress (21.9.2007)																	
WLCG-07-35	Sept 2007	gLite CE Development Completed and Component Released	EGEE - JRA1														
WLCG-07-36	+4 weeks	gLite CE Certification and Installation on the PPS Systems	EGEE - PPS														
WLCG-07-37	+4 weeks	gLite CE Tested and Accepted by the Experiments	ALICE			ATLAS			CMS			LHCb					
WLCG-07-38	+4 weeks	gLite CE Installed in Production at the Tier-1 Sites	n/a														
<b>SAM Vo-Specific Tests</b>																	
WLCG-07-39	Sept 2007	VO-Specific SAM Tests in Place With results included every month in the Site Availability Reports.	ALICE			ATLAS			CMS			LHCb					
<b>CAF CERN Analysis Facility</b>																	
WLCG-07-40	Oct 2007	Experiment provide the Test Setup for the CAF Specification of the requirements and setup needed by each Experiment	ALICE			ATLAS			CMS			LHCb					
<b>xrootd</b>																	
WLCG-07-41	Jul 2007	xrootd Interfaces Tested and Accepted by ALICE	ALICE														
<b>Site Reliability - Dec 2007</b>																	
WLCG-07-14	Dec 2007	Site Reliability above 93% Considering each Tier-0 and Tier-1 site	Aug 91%														
			Sept 91%														
			Oct 91%														
			Nov 91%														
			Dec 93%														
WLCG-07-15	Dec 2007	Average of Best 8 Sites above 95% Eight sites should reach a reliability above 93%															