

7-Nov-08		WLCG High Level Milestones - 2007													
ID	Date	Milestone	Done (green)			Late < 1 month (orange)				Late > 1 month (red)					
			ASGC	CC IN2P3	CERN	DE-KIT	INFN CNAF	NDGF	PIC	RAL	SARA NIKHE F	TRIUM F	BNL	FNAL	
24x7 Support															
WLCG-07-01	Feb 2007	24x7 Support Definition Definition of the levels of support and rules to follow, depending on the issue/alarm													
WLCG-07-02	Apr 2007	24x7 Support Tested Support and operation scenarios tested via realistic alarms and situations				Apr 2008	June 2008								
WLCG-07-03	Jun 2007	24x7 Support in Operations The sites provides 24x7 support to users as standard operations				July 2008	June 2008		Apr 2008		July 2008				
VOBoxes Support															
WLCG-07-04	Apr 2007	VOBoxes SLA Defined Sites propose and agree with the VO the level of support (upgrade, backup, restore, etc) of VOBoxes	Aug 2008	Aug 2008					Aug 2008						
WLCG-07-05	May 2007	VOBoxes SLA Implemented VOBoxes service implemented at the site according to the SLA	Aug 2008	Aug 2008				Mar 2008	Aug 2008		Apr 2008				
WLCG-07-05b	Jul 2007	VOBoxes Support Accepted by the Experiments VOBoxes support level agreed by the experiments	ALICE	n/a						n/a		n/a	n/a	n/a	n/a
			ATLAS						n/a	n/a					n/a
			CMS						n/a			n/a	n/a	n/a	
			LHCb	n/a					n/a				n/a	n/a	n/a
VOMS Job Priorities															
VOMS Milestones below suspended until the VOMS Working Group defines new milestones.															
WLCG-07-06b	Jun 2007	New VOMS YAIM Release and Documentation VOMS release and deployment. Documentation on how to configure VOMS for sites not using YAIM	EGEE-SA1												
WLCG-07-06	Apr 2007	Job Priorities Available at Site Mapping of the Job priorities on the batch software of the site completed and information published													
WLCG-07-07	Jun 2007	Job Priorities of the VOs Implemented at Site Configuration and maintenance of the jobs priorities as defined by the VOs. Job Priorities in use by the VOs.													
Accounting															
WLCG-07-08	Mar 2007	Accounting Data published in the APEL Repository The site is publishing the accounting data in APEL. Monthly reports extracted from the APEL Repository.													
MSS Main Storage Systems															
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 2.1.6 Tested and Accepted by the Experiments at all Sites 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-07-30b	May 2008	SRM Missing MoU Features Implemented With full features agreed in the HEP MoU (srmCopy, etc).	CASTOR			DCache			DPM						
CAF CERN Analysis Facility															
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 May 2008			CMS June 2008			LHCb May 2008			
WLCG High Level Milestones - 2008															
OSG RSV Tests															
WLCG-08-01	May 2008	RSV Tier-2 CE Tests Equivalent to SAM Successful WLCG verification of OSG test equivalence of RSV tests to WLCG CE tests	OSG-RSV												
WLCG-08-01b	Jun 2008	RSV Tier-2 SE Tests Equivalent to SAM Successful WLCG verification of OSG test equivalence of RSV tests to WLCG SE tests	OSG-RSV												
WLCG-08-02	Jun 2008	OSG Tier-2 Reliability Reported OSG RSV information published in SAM and GOCDB databases. Reliability reports include OSG Tier-2 sites.	OSG-RSV												
MSS/Tape Metrics															
WLCG-08-03	April 2008	Tape Efficiency Metrics Published Metrics are collected and published weekly				June 2008									
Tier-1 Procurement															

ID	Date	Milestone	ASGC	CC IN2P3	CERN	DE-KIT	INFN CNAF	NDGF	PIC	RAL	SARA NIKHE F	TRIUM F	BNL	FNAL		
WLCG-07-17	1 Apr 2008	MoU 2008 Pledges Installed To fulfill the agreement that all sites procure they MoU pledged by April of every year	Sept 2008	CPU OK May Disk Sep 08	July 2008	Apr 2008	CPU Jul 08 Disk Sep 08	CPU OK May Disk Sep 08	CPU OK May Disk	Apr 2008	Nov 2008	Apr 2008	CPU OK Disk Nov 08	CPU OK May Disk		
WLCG-08-04	Sep 2008	Sites Report on the Status of the MoU 2009 Procurement Reporting whether is on track with the MoU pledges by April. Or which is the date when the pledges will be fulfilled.		Tender Sept Jan Install May	Tender Sept Dec Install Apr	Tender Sept Oct Install Apr	Tender Sept Install May	Tender Sept Install Apr	Tender Oct Install Apr	Tender CPU Sep Disk Oct	Tender Sept Install TBD	Tender CPU Disk Oct	Tender CPU Sep Disk Oct	Tender Sep Install Apr		
WLCG-08-05	1 Apr 2009	MoU 2009 Pledges Installed To fulfill the agreement that all sites procure they MoU pledged by April of every year														
glxec/Pilot Jobs																
WLCG-08-13	May 2008	Glxec and Pilot Jobs Implemented at the Tier-1 Sites	Pilot Jobs Working Group evaluating the Experiments frameworks (10 June 2008)													
Tier-1 Sites Reliability - June 2008																
WLCG-08-06	Jun 2008	Tier-1 Sites Reliability above 95% Considering each Tier-0 and Tier-1 site	Jan 93%				70	92		92	57		91			
			Feb 93%				20	84			84		67	85		
			Mar 93%				86		88					80		
			Apr 93%				76	84				90			92	
			May 93%				88									
			June 95%				86									93
WLCG-08-07	Jun 2008	Average of Best 8 Sites above 97% Average of eight sites should reach a reliability above 97%	Averages of the 8 Best sites Jan-Jun 2008 Jan 96 - Feb 96 - Mar 96 - Apr 96 - May 98 - Jun 96													
SAM VO-Specific Tests																
WLCG-08-08	Jun 2008	VO-Specific SAM Tests in Place With results included every month in the Site Availability Reports.	ALICE			ATLAS			CMS			LHCb				
Tier-2 Federations Milestones																
WLCG-08-09	Jun 2008	Weighted Average Reliability of the Tier-2 Federation above 95% Average of each Tier-2 Federation weighted accordinging to the sites pledges	See separated table of Tier-2 Federations.													
WLCG-08-10	Jun 2008	Installed Capacity above 2008 Pledges of the Tier-2 Federation Capacity at each Tier-2 Federation vs. the Federation's pledges	See separated table of Tier-2 Federations.													
Tier-1 Sites Reliability - Dec 2008																
WLCG-08-11	Dec 2008	Tier-1 Sites Reliability above 97% Considering each Tier-0 and Tier-1 site	Jul 95%	94			79	88			91					
			Aug 95%					43								
			Sept 95%			90	82				94					
			Oct 95%													
			Nov 95%													
			Dec 97%													
WLCG-08-12	Dec 2008	Average of ALL Tier-1 Sites above 98% The average across ALL Tier-1 sites should reach a reliability above 97%														
Completed / Cancelled High Level Milestones																
WLCG-07-09	Mar 2007	3D Oracle Service in Production Oracle Service in production, and certified by the Experiments												squid frontier		
WLCG-07-10	May 2007	3D Conditions DB in Production Conditions DB in operations for ATLAS, CMS, and LHCb. Tested by the Experiments.												squid frontier		
Site Reliability - June 2007																
WLCG-07-12	Jun 2007	Site Reliability above 91% Considering each Tier-0 and Tier-1 site (Note: orange means > 90% of target)	Apr 88%													
			May 88%													
			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													
Procurement																

ID	Date	Milestone	ASGC	CC IN2P3	CERN	DE-KIT	INFN CNAF	NDGF	PIC	RAL	SARA NIKHE F	TRIUM F	BNL	FNAL	
WLCG-07-16	1 Jul 2007	MoU 2007 Pledges Installed To fulfill the agreement that all sites procure the 2007 MoU pledged by July 2007													
FTS 2.0															
WLCG-07-18	Jun 2007	FTS 2.0 Tested and Accepted by the Experiments In production at CERN and accepted tested by each Experiment	ALICE			ATLAS			CMS			LHCb			
WLCG-07-19	Jun 2007	Multi-VO Tests Executed and Tested by the Experiments Scheduled at CERN for last week of June	(will be part of CCRC in February and May 2008)												
WLCG-07-20	Sept 2007	FTS 2.0 Deployed in Production Installed and in production at each Tier-1 Site													
BDII															
WLCG-07-21	Jun 2007	BDII Guidelines Available On how to install BDII on a separated node	EGEE - SA1 (not requested)												
WLCG-07-22	Jun 2007	Top-Level BDII Installed at the Site For each Tier-1 site													
glxec															
WLCG-07-24	Jul 2007	Decision on Usage of glxec and Guidelines to Follow	GDB												
MSS Main Storage Systems															
WLCG-07-28	Sept 2007	Demonstrated Tier-0 Performance (Storage, DM) 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 2.1.6/dCache in Production at T1 From the SRM Roll-Out Plan (SRM-20 to -21a)													
WLCG-07-30	Dec 2007	SRM Implementations with HEP MoU Features With features agreed in HEP MoU (srmCopy, etc).	CASTOR			DCache			DPM						
WN and UI															
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		
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			
xrootd															
WLCG-07-41	Jul 2007	xrootd Interfaces Tested and Accepted by ALICE	ALICE												
SAM Vo-Specific Tests															
WLCG-07-39	Sept 2007	VO-Specific SAM Tests in Place With results included every month in the Site Availability Reports.	POSTPONED TO 2008 AND REPLACED BY A NEW MILESTONE (WLCG-08-08)												
Site Reliability - Dec 2007															
WLCG-07-14	Dec 2007	Site Reliability above 93% Considering each Tier-0 and Tier-1 site (Note: orange means > 90% of target)	Aug 91%												
			Sept 91%												
			Oct 91%												
			Nov 91%												
			Dec 93%												
			Jan 93%												
Feb 93%															
WLCG-07-15	Dec 2007	Average of Best 8 Sites above 95% Eight sites should reach an average > 95%	Averages of the 8 Best sites Sept 2007 - Jan 2008 Sept 93 - Oct 93 - Nov 95 - Dec 96 - Jan 95 A59- Feb 96												