

15-Jan-09		WLCG High Level Milestones – 2008/09															
ID	Date	Milestone	Done (green)				Late < 1 month (orange)				Late > 1 month (red)				FNAL		
			ASGC	CC IN2P3	CERN	DE-KIT	INFN CNAF	NDGF	PIC	RAL	SARA NIKHE F	TRIUM F	BNL				
<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	Aug 2008	Aug 2008						Aug 2008			Jan 2009				
WLCG-07-05	May 2007	<b>VOBoxes SLA Implemented</b> VOBoxes service implemented at the site according to the SLA	Aug 2008	Aug 2008					Jan 2009	Aug 2008			Jan 2009				
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	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
<b>WLCG High Level Milestones - 2008</b>																	
<b>Tier-1 Procurement</b>																	
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	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 Sep 08	Apr 2008	Nov 2008	Apr 2008	CPU OK Disk Nov 08	CPU OK May Disk Sep 08			
WLCG-08-04	Sep 2008	<b>Sites Report on the Status of the MoU 2009 Procurement</b> 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			
<b>Pilot Jobs Frameworks</b>																	
WLCG-08-14	May 2008	<b>Pilot Jobs Frameworks studied and accepted by the Review working group</b> Working group proposal complete and accepted by the Experiments.	ALICE			ATLAS			CMS			LHCb Nov 2007					
WLCG-08-09	Jun 2008	<b>Weighted Average Reliability of the Tier-2 Federation above 95% for 80% of Sites</b> Average of each Tier-2 Federation weighted according to the sites resources	See separated table of Tier-2 Federations if E6080% of the Sites above 95% reliability														
<b>Tier-1 Sites Reliability - Dec 2008</b>																	
WLCG-08-11	Dec 2008	<b>Tier-1 Sites Reliability above 97%</b> Considering each Tier-0 and Tier-1 site	Jul 95%		94			79	88				91				
			Aug 95%						43								
			Sept 95%				90	82						94			
			Oct 95%				84	90	92					83			
			Nov 95%		94		94	86			93	89	93				
			Dec 97%		88		80	91						95	95		
WLCG-08-12	Dec 2008	<b>Average of ALL Tier-1 Sites above 98%</b> Average Reliability above 98%	95% on all Sites - 97% on the Best 8 Sites														
WLCG-08-11	Apr 2009	<b>VO-Specific Tier-1 Sites Reliability</b> Considering each Tier-0 and Tier-1 site	Apr 2009														
			May 2009														
			Jun 2009														
<b>WLCG High Level Milestones - 2009</b>																	
<b>SLC5 Milestones</b>																	
WLCG-09-21	TBD	<b>SLC5 gcc 4.3 (WN 4.1 binaries) Tested by the Experiments</b> Experiments should test whether the MW on SL5	ALICE			ATLAS			CMS			LHCb					
WLCG-09-22	TBD	<b>SLC5 Deployed by the Sites (64 bits nodes)</b> Assuming the tests by the Experiments were successful. Otherwise a real gcc 4.3 porting of the WN software is needed.															
<b>Tier-1 Sites Procurement - 2009</b>																	
WLCG-09-01	TBD	<b>MoU 2009 Pledges Installed</b> To fulfill the agreement that all sites procure they MoU pledged by April of every year															
<b>SCAS/gLexec Milestones</b>																	
WLCG-09-17	Jan 2009	<b>SCAS Solutions Available for Deployment</b> Certification successful and SCAS packaged for deployment															
WLCG-09-18	09-17 + 1 Month	<b>SCAS Verified by the Experiments</b> Experiment verify that the SCAS implementation is working (available at CNAF and NL-T1)	ALICE n/a			ATLAS			CMS n/a ?			LHCb					



ID	Date	Milestone	ASGC	CC IN2P3	CERN	DE-KIT	INFN CNAF	NDGF	PIC	RAL	SARA NIKHE F	TRIUM F	BNL	FNAL		
<b>Site Reliability - June 2007</b>																
WLCG-07-12	Jun 2007	<b>Site Reliability above 91%</b> 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	<b>Average of Best 8 Sites above 93%</b> Eight sites should reach a reliability above 93%	<b>Averages of the 8 Best sites Apr-Sept 2007</b> Apr 92 - May 94 - Jun 87 - Jul 93 - Aug 94 - Sept 93													
<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														
<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>glxec</b>																
WLCG-07-24	Jul 2007	<b>Decision on Usage of glxec and Guidelines to Follow</b>	GDB													
<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>MSS Main Storage Systems</b>																
WLCG-07-25	Jun 2007	<b>CASTOR 2.1.3 in Production at CERN</b> MSS system supporting SRM 2.2 deployed in production at the site	CERN Tier-0													
WLCG-07-26	Nov 2007	<b>SRM: CASTOR 2.1.6 Tested and Accepted by the Experiments at all Sites</b> 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	<b>SRM: dCache 1.8 Tested and Accepted by the Experiments</b> 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	<b>SRM Missing MoU Features Implemented</b> With full features agreed in the HEP MoU (srmCopy, etc).	CASTOR			DCache			DPM							
<b>CAF CERN Analysis Facility</b>																
WLCG-07-40	Oct 2007	<b>Experiment provide the Test Setup for the CAF</b> Specification of the requirements and setup needed by each Experiment	ALICE			ATLAS May 2008			CMS June 2008			LHCb May 2008				
<b>MSS Main Storage Systems</b>																
WLCG-07-28	Sept 2007	<b>Demonstrated Tier-0 Performance (Storage, DM)</b> Demonstration that the highest throughput (ATLAS 2008) can be reached.	CERN Tier-0													
WLCG-07-28b	Sept 2007	<b>Demonstrated Tier-0 Export to Tier-1 Sites</b> Demonstration that the highest throughput (ATLAS 2008) can be reached.	CERN Tier-0													
WLCG-07-29	Feb 2008	<b>SRM: CASTOR 2.1.6/dCache in Production at T1</b> From the SRM Roll-Out Plan (SRM-20 to -21a)														
WLCG-07-30	Dec 2007	<b>SRM Implementations with HEP MoU Features</b> With features agreed in HEP MoU (srmCopy, etc).	CASTOR			DCache			DPM							
<b>WN and UI</b>																
WLCG-07-31	Jun 2007	<b>WN Installed in Production at the Tier-1 Sites</b> 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	<b>UI Certification and Installation on the PPS Systems</b>	EGEE - SA1-PPS done: Jul 2007													
WLCG-07-33	Aug 2007	<b>UI Tested and Accepted by the Experiments</b>	ALICE			ATLAS			CMS			LHCb				

