27-Mar-08			WLCG High Level Milestones - 2007											
			Done (green)			Late < 1 month (orange)			Late > 1 month (red)					
ID	Date	Milestone	ASGC	CC IN2P3	CERN	FZK GridKa	INFN CNAF	NDGF	PIC	RAL	SARA NIKHEF	TRIUMF	BNL	FNAL

24x7 Support

ID	Date	Milestone	ASGC	CC IN2P3	CERN	FZK GridKa	INFN CNAF	NDGF	PIC	RAL	SARA NIKHEF	TRIUMF	BNL	FNAL
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	Apr 2008			Jan 2008				
WLCG-07-03	Jun 2007	**24x7 Support in Operations** The sites provides 24x7 support to users as standard operations				Apr 2008	Apr 2008		Mar 2008	Mar 2008	Apr 2008			

VOBoxes Support

ID	Date	Milestone	ASGC	CC IN2P3	CERN	FZK GridKa	INFN CNAF	NDGF	PIC	RAL	SARA NIKHEF	TRIUMF	BNL	FNAL
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	Mar 2008	Apr 2008						Mar 2008				
WLCG-07-05	May 2007	**VOBoxes SLA Implemented** VOBoxes service implemented at the site according to the SLA	Apr 2008	Apr 2008	Mar 2008			Mar 2008	Mar 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
		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.

ID	Date	Milestone	ASGC	CC IN2P3	CERN	FZK GridKa	INFN CNAF	NDGF	PIC	RAL	SARA NIKHEF	TRIUMF	BNL	FNAL
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

ID	Date	Milestone	ASGC	CC IN2P3	CERN	FZK GridKa	INFN CNAF	NDGF	PIC	RAL	SARA NIKHEF	TRIUMF	BNL	FNAL
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.												

3D Services

ID	Date	Milestone	ASGC	CC IN2P3	CERN	FZK GridKa	INFN CNAF	NDGF	PIC	RAL	SARA NIKHEF	TRIUMF	BNL	FNAL
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

Procurement

ID	Date	Milestone	ASGC	CC IN2P3	CERN	FZK GridKa	INFN CNAF	NDGF	PIC	RAL	SARA NIKHEF	TRIUMF	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	Jan 2008						Jan 2008		May 2008			
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	Apr 2008	Apr 2008	Apr 2008	CPU Apr 08 Disk May 08	CPU Apr 08 Disk Sep 08	CPU Apr 08 Disk Jun 08	March 2008	Nov 2008				

FTS 2.0

ID	Date	Milestone	ASGC	CC IN2P3	CERN	FZK GridKa	INFN CNAF	NDGF	PIC	RAL	SARA NIKHEF	TRIUMF	BNL	FNAL
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

ID	Date	Milestone	ASGC	CC IN2P3	CERN	FZK GridKa	INFN CNAF	NDGF	PIC	RAL	SARA NIKHEF	TRIUMF	BNL	FNAL
WLCG-07-21	Jun 2007	**BDII Guidelines Available** On how to install BDII on a separated node	EGEE - SA1 (not requesteded)											
WLCG-07-22	Jun 2007	**Top-Level BDII Installed at the Site** For each Tier-1 site												

glexec

ID	Date	Milestone	ASGC	CC IN2P3	CERN	FZK GridKa	INFN CNAF	NDGF	PIC	RAL	SARA NIKHEF	TRIUMF	BNL	FNAL
WLCG-07-24	Jul 2007	**Decision on Usage of glexec and Guidelines to Follow**	GDB											

Site Reliability - June 2007

ID	Date	Milestone		ASGC	CC IN2P3	CERN	FZK GridKa	INFN CNAF	NDGF	PIC	RAL	SARA NIKHEF	TRIUMF	BNL	FNAL
WLCG-07-12	Jun 2007	**Site Reliability above 91%** Considering each Tier-0 and Tier-1 site	Apr 88%	G	G	G	G	R		G	G	G	R	G	R
			May 88%	G	G	G	G	R		R	R	G	R	G	R
			Jun 91%	R	G	G	G	G		R	R	G	G	G	R
			Jul 91%	R	R	G	G	G		G	G	G	G	R	R
			Aug 91%	R	R	G	G	G		G	G	G	R	G	G
			Sept 91%	G	R	R	G	G		G	G	R	R	G	R
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%											

MSS Main Storage Systems

ID	Date	Milestone	ASGC / CC IN2P3 / CERN	FZK GridKa / INFN CNAF / NDGF	PIC / RAL / SARA NIKHEF	TRIUMF / BNL / FNAL
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-07-28	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 2.1.6/dCache in Production at T1 Site** From the SRM Roll-Out Plan (SRM-20 to -21a)	(green)	(green)	(green)	(green)
WLCG-07-30	Dec 2007	**SRM Implementations with HEP MoU Features** With full features agreed in the HEP MoU (srmCopy, etc).	CASTOR	DCache	DPM	
WLCG-07-30b	May 2008	**SRM Missing MoU Features Implemented** With full features agreed in the HEP MoU (srmCopy, etc).	CASTOR	DCache	DPM	

WN and UI

ID	Date	Milestone		ASGC	CC IN2P3	CERN	FZK GridKa	INFN CNAF	NDGF	PIC	RAL	SARA NIKHEF	TRIUMF	BNL	FNAL
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		G	G	G	G	G	n/a	G	G	G	n/a	G	G
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		

gLite CE

The gLite CE will not be deployed on SL4, the porting of the LCG-CE is in progress (21.9.2007)

ID	Date	Milestone	
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

SAM Vo-Specific Tests

ID	Date	Milestone	ALICE	ATLAS	CMS	LHCb
WLCG-07-39	Sept 2007	**VO-Specific SAM Tests in Place** With results included every month in the Site Availability Reports.	ALICE (red)	ATLAS (red)	CMS (red)	LHCb (red)

CAF CERN Analysis Facility

ID	Date	Milestone	ALICE	ATLAS	CMS	LHCb
WLCG-07-40	Oct 2007	**Experiment provide the Test Setup for the CAF** Specification of the requirements and setup needed by each Experiment	ALICE (green)	ATLAS May 2008 (red)	CMS May 2008 (red)	LHCb May 2008 (red)

xrootd

ID	Date	Milestone	
WLCG-07-41	Jul 2007	**xrootd Interfaces Tested and Accepted by ALICE**	ALICE (green)

Site Reliability - Dec 2007

ID	Date	Milestone		ASGC	CC IN2P3	CERN	FZK GridKa	INFN CNAF	NDGF	PIC	RAL	SARA NIKHEF	TRIUMF	BNL	FNAL
WLCG-07-14	Dec 2007	**Site Reliability above 93%** Considering each Tier-0 and Tier-1 site	Aug 91%	R	G	G	G	G		G	G	G	R	G	G
			Sept 91%	R	R	G	G	G		G	G	R	R	G	R
			Oct 91%	R	R	G	G	R	G	G	G	G	G	R	R
			Nov 91%	R	R	G	G	R	G	G	G	G	G	R	R
			Dec 93%	G	G	G	G	G	R	G	G	R	R	G	R
			Jan 93%	G	G	G	R	R	G	G	G	G	G	G	R
			Feb 93%	G	G	G	R	R	G	G	G	G	G	R	R
WLCG-07-15	Dec 2007	**Average of Best 8 Sites above 95%** Eight sites should reach a reliability above 95%		— Averages of the 8 Best sites Sept 2007 - Jan 2008 / Sept 93% - Oct 93% - Nov 95% - Dec 96% - Jan 95% - Feb 96%											

OSG SAM Tests

ID	Date	Milestone	
WLCG-08-01	Mar 2008	**OSG RSV ReliabilityTests in Place** OSG tests equivalent to those in WLCG SAM and results available via GridView	OSG-RSV (orange)
WLCG-08-02	April 2008	**Tape Efficiency Metrics Published** Metrics are collected and published weekly	