MILESTONES PLAN		
Name		**Updated on**
CCRC 08		**22-Oct-2007**

Notes
Milestones ID: NO milestones IDs for the moment, until this plan is a bit more defined and agreed.

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Dates: The dates need to be reviewed and agreed.

Milestones to Split: Several milestones should be split between "release", "certification", "deployment" because they involve different parties.

Comments, questions and open issues are in red.

ID	Date	Milestone	Status	Resp	Comments
	15-Oct-2007	SRM v2.2 deployment started		ALL	
	6-Nov-2007	CASTOR SRM 2.2 installed at CERN and available		CERN	
	6-Nov-2007	Agreement on key services & goals – including with sites; draft schedule for component testing; check-point on Explicit Requirements (ERs)		ALL	AA: From this agreement will likely come more mlestones.
	30-Nov-2007	CMS - 2007 Physics Analysis Completed		CMS	
	4-Dec-2007	CASTOR SRM 2.2 available at RAL		RAL	
	4-Dec-2007	CASTOR SRM 2.2 at CNAF		CNAF	
	TBD	CASTOR SRM 2.2 at ASGC		ASGC	
	4-Dec-2007	Progress with component testing; plans for integration testing; remaining ERs; status of site services		ALL	AA: From this milestone will likely come more milestones.
	8-Jan-2008	Review metric, tools to drive tests and monitoring tools; progress with integration		ALL	AA: From this metrics and tools will likely come more mlestones.
	8-Jan-2008	SRM v2.2 available at Tier0 / Tier1		T0/T1	

Tier I's

The table below summarizes milestones in the deployment process of dCache 1.8 (SRM2.2) for the Tier I sites. Please note that at any time, any site may change the scheduling without further notice to dCache.org.

Site	Week of Upgrade	Comment
NDGF	Oct 29	Agreed
gridKa	Nov 5	Agreed. Downtime will be Nov 6, Tuning Nov 7
nothing yet	Nov 19	–
IN2P3	Nov 26	Agreed
RAL	Dec 3	Agreed
BNL	Dec 10	rather sure
PIC	Dec 17	Agreed

Fermilab is waiting for a specific dCache feature which we expect to be available mid of Decemeber. So Fermilab will upgrade either end of December or beginning of January.

Triumf will decide end of this week (Oct 5).

		CCRC 08 - Feb 2008			
	1-Feb-2008	Preconditions to CCRC 08 February (milestones to split)		ALL	SRM v2.2: WLCG SRM v2.2 Production Deployment m/w developments: EMT + standard release process Commissioned links / conditions: experiments Services: need also agreement / commitment from sites
	1-Feb-2008	xrootd interface		CASTOR	Production schedule defined? Priority wrt SRM v2.2?
	1-Feb-2008 ???	R/O LFC		LFC	Developments for R/O replicas done – to be packaged and released. Priority wrt DPM (SRM v2.2) / (other) LFC fixes?
		R/O LFC installed at CNAF		CNAF	
		R/O LFC installed at RAL		RAL	
		R/O LFC installed at IN2P3		IN2P3	
		R/O LFC installed on the rest of the Sites		SITES	
	1-Feb-2008	Generic agents		???	Requires WLCG Management Board decision. Required developments to be certified / tested.
	1-Feb-2008	gLite 3.1 WMS		GLITE +SITES	SL3 in production (OK for February); SL4 in integration. Minimum time to release (if given priority): ~1 month (from early October) Not a requirement for ALICE.
	1-Feb-2008	gLite 3.1 VO box		GLITE + SITES	In certification; pilot deployed on voalice03@CERN (from early October) Not a requirement for ALICE
	28-Feb-2008	CERN: data recording, processing, CAF, data export		CERN	AA: Probably this will be split in several milestones once we understand the details
	28-Feb-2008	Tier-1's: data handling (import, mass-storage, export), processing, analysis		TIER-1 SITES	AA: Probably this will be split in several milestones once we understand the details
	28-Feb-2008	Tier-2's: Data Analysis, Monte Carlo, data import and export		TIER-2 SITES	AA: Probably this will be split in several milestones once we understand the details
	28-Feb-2008	SRM v2.2 ~complete at Tier2s		TIER-2 SITES	
	28-Feb-2008	ATLAS FDR 1		ATLAS	M6 two weeks in February 2008 Beyond March: Cosmic Ray tests become the default Functional FDR 1 in February Tests principles All components working No physics involved yet
	28-Feb-2008	CMS 50% of CSA08		CMS	AA: What is the ratio between Feb and May?
	15-Mar-2008	CMS- S/w Release 2_0		CMS	
	15-Mar-2008	mini-workshop after the challenge to summarize and extract lessons learned		ALL	
	21-25 April 2008	WLCG workshop (April 21-25, 2008)		LCG	
		CCRC 08 - May 2008			
	31-May-2008	CERN: data recording, processing, CAF, data export		CERN	

	31-May-2008	Tier-1's: data handling (import, mass-storage, export), processing, analysis		TIER-1 SITES	
	31-May-2008	Tier-2's: Data Analysis, Monte Carlo, data import and export		TIER-2 SITES	
	31-May-2008	ALICE FDS Completed		ALICE	February-May 2008 - FDR Phase 1+2+3 CCRC'08: Complete data flow and reconstruction algorithms All elements of Phase 1+2 Gradual inclusion of DA and QA
	31-May-2008	ATLAS FDR 2 Completed		ATLAS	As FDR 1 Full trigger list
	31-May-2008	CMS CSA08 Completed		CMS	Test data transfers at 2008 scale: Experiment site to CERN mass storage (with Cosmics / artificial data) CERN to Tier1 centers Tier1 to Tier1 centers (full mesh) Tier1 to Tier2 centers (full/realistic mesh) Tier2 to Tier2 centers
Summary of Progress					
References and Hyperlinks					

CCRC 08 Agendas:
http://indico.cern.ch/categoryDisplay.py?categId=1613

SRM Links:
https://twiki.cern.ch/twiki/bin/view/SRMDev/ImplementationsProblems
https://twiki.cern.ch/twiki/bin/view/LCG/GSSD
https://twiki.cern.ch/twiki/bin/view/SRMDev