

MILESTONES PLAN																													
Name			Updated on																										
CCRC 08			6-Nov-2007																										
Notes																													
<p><b>Milestones ID:</b> The milestones ID are temporary until this plan is a bit more defined and agreed.</p> <p><b>Dates:</b> The dates need to be reviewed and agreed.</p> <p><b>Milestones to Split:</b> Several milestones should be split between "release", "certification", "deployment" because they involve different parties.</p> <p>Comments, questions and open issues are in red.</p>																													
ID	Date	Milestone	Status	Resp	Comments																								
CC08-01	15-Oct-2007	SRM v2.2 deployment started		ALL																									
CC08-02	6-Nov-2007	CASTOR SRM 2.2 installed at CERN and available		CERN																									
CC08-03	6-Nov-2007	Agreement on key services & goals – including with sites; draft schedule for component testing; check-point on Explicit Requirements (ERs)		ALL	From this agreement will likely come more milestones.																								
CC08-04	30-Nov-2007	CMS - 2007 Physics Analysis Completed		CMS																									
CC08-05	4-Dec-2007	CASTOR SRM 2.2 available at RAL		RAL																									
CC08-06	4-Dec-2007	CASTOR SRM 2.2 at CNAF		CNAF																									
CC08-07	TBD	CASTOR SRM 2.2 at ASGC		ASGC																									
CC08-08	4-Dec-2007	Progress with component testing; plans for integration testing; remaining ERs; status of site services		ALL	From this milestone will likely come more milestones.																								
CC08-09	8-Jan-2008	Review metric, tools to drive tests and monitoring tools; progress with integration		ALL	From this metrics and tools will likely come more milestones.																								
CC08-10	8-Jan-2008	SRM v2.2 available at Tier0 / Tier1		T0/T1																									
<p><b>Tier I's</b></p> <p>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.</p> <table border="1"> <thead> <tr> <th>Site</th> <th>Week of Upgrade</th> <th>Comment</th> </tr> </thead> <tbody> <tr> <td>NDGF</td> <td>Oct 29</td> <td>Agreed</td> </tr> <tr> <td>gridKa</td> <td>Nov 5</td> <td>Agreed. Downtime will be Nov 6, Tuning Nov 7</td> </tr> <tr> <td>nothing yet</td> <td>Nov 19</td> <td>-</td> </tr> <tr> <td>IN2P3</td> <td>Nov 26</td> <td>Agreed</td> </tr> <tr> <td>RAL</td> <td>Dec 3</td> <td>Agreed</td> </tr> <tr> <td>BNL</td> <td>Dec 10</td> <td>rather sure</td> </tr> <tr> <td>PIC</td> <td>Dec 17</td> <td>Agreed</td> </tr> </tbody> </table> <p><b>Fermilab</b> 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.</p> <p><b>Triumf</b> will decide end of this week (Oct 5).</p>						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
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CCRC 08 - Feb 2008					
CC08-11	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
CC08-12	1-Feb-2008	xrootd interface		CASTOR	Production schedule defined? Priority wrt SRM v2.2?
CC08-13	15-Jan-2008 ?	R/O LFC released		LFC	Developments for R/O replicas done – to be packaged and released. Priority wrt DPM (SRM v2.2) / (other) LFC fixes?
CC08-14	1-Feb-2008?	R/O LFC installed at CNAF		CNAF	
CC08-15	1-Feb-2008?	R/O LFC installed at RAL		RAL	
CC08-16	1-Feb-2008?	R/O LFC installed at IN2P3		IN2P3	
CC08-17	1-Feb-2008?	R/O LFC installed on the rest of the Sites		SITES	
CC08-18	1-Feb-2008	Generic agents installed at the Tier-1 sites		???	Requires WLCG Management Board decision. Required developments to be certified / tested.
CC08-19	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.
CC08-20	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
CC08-21	28-Feb-2008	CERN: data recording, processing, CAF, data export		CERN	Probably this will be split in several milestones once we understand the details
CC08-22	28-Feb-2008	Tier-1's: data handling (import, mass-storage, export), processing, analysis		TIER-1 SITES	Probably this will be split in several milestones once we understand the details
CC08-23	28-Feb-2008	Tier-2's: Data Analysis, Monte Carlo, data import and export		TIER-2 SITES	Probably this will be split in several milestones once we understand the details
CC08-24	28-Feb-2008	SRM v2.2 ~complete at Tier2s		TIER-2 SITES	J.Coles: What does this mean? Is it Tier-2s have installed SRM2.2 or that they have installed and configured as the experiments need it? The current problem we are seeing in this area ahead of the SRM2.2 workshop on 13th-14th November is that the experiments do not know what they want at Tier-2s. I would like to see additional milestones which relate to "experiment use of SRM2.2 at Tier-2s understood"

CC08-25	28-Feb-2008	ATLAS FDR 1 <b>completed</b>		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
CC08-26	28-Feb-2008	CMS 50% of CSA08		CMS	<b>What is the ratio between Feb and May?</b>
	28-Feb-2008	LHCb 1st dress rehearsal (2 weeks) completed		LHCb	
	28-Feb-2008	ALICE 1st dress rehearsal (2 weeks) completed		ALICE	
CC08-27	15-Mar-2008	CMS- S/w Release 2_0		CMS	
CC08-28	15-Mar-2008	mini-workshop after the challenge to summarize and extract lessons learned		ALL	
CC08-29	21-25 April 2008	WLCG workshop (April 21-25, 2008)		LCG	
<b>CCRC 08 - May 2008</b>					
CC08-30	31-May-2008	CERN: data recording, processing, CAF, data export		CERN	
CC08-31	31-May-2008	Tier-1's: data handling (import, mass-storage, export), processing, analysis		TIER-1 SITES	
CC08-32	31-May-2008	Tier-2's: Data Analysis, Monte Carlo, data import and export		TIER-2 SITES	
CC08-33	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
CC08-34	31-May-2008	ATLAS FDR 2 Completed		ATLAS	As FDR 1 Full trigger list
CC08-35	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
	31-May-2008	ALICE 2nd dress rehearsal completed		ALICE	<b>Need details</b>
	31-May-2008	LHCb 2nd dress rehearsal completed		LHCb	<b>Need details</b>
<b>References and Hyperlinks</b>					
<b>CCRC 08 Agendas:</b> <a href="http://indico.cern.ch/categoryDisplay.py?categId=1613">http://indico.cern.ch/categoryDisplay.py?categId=1613</a>  SRM Links: <a href="https://twiki.cern.ch/twiki/bin/view/SRMDev/ImplementationsProblems">https://twiki.cern.ch/twiki/bin/view/SRMDev/ImplementationsProblems</a> <a href="https://twiki.cern.ch/twiki/bin/view/LCG/GSSD">https://twiki.cern.ch/twiki/bin/view/LCG/GSSD</a> <a href="https://twiki.cern.ch/twiki/bin/view/SRMDev">https://twiki.cern.ch/twiki/bin/view/SRMDev</a>					