



WLCG Milestones – for discussion

Management Board
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Middleware milestones

- SL5 WN available (actually define SL5/compiler combination)
 - Certified and available for deployment
 - Tested by experiments
- FTS on SL4 – deployed at Tier 1s
 - On SL5 – available for deployment
- SCAS
 - Certification and avail for deployment
 - Verification by ATLAS and LHCb (others?)
 - Deployed at Tier 1s; deployed at Tier 2s
- Pilots – framework reviews finished?
- CREAM
 - Verify can be used to replace LCG-CE
 - deploy at a few Tier 1s; verify use by experiments/sites (manageability)
 - Availability of WMS/ICE
 - Availability of Condor_g client for CREAM
- Installation mechanism – after GDB discussion
- SRM – short term solutions (end of year):
 - Availability/deployment (for each system)



Accounting

- Accounting reports
 - T2 reports (add wall time, etc.)
- Update of info providers for
 - Cpu installed capacity
 - Storage capacity
- Reporting – updates to APEL/portal
- ? Status of user-level accounting?
- Benchmarks:
 - Set up wiki with benchmark method, conversion proposal, measured benchmarks
 - Convert experiment requirements
 - Convert pledges



Reliability

- Validate experiment SAM tests
 - Sign-off on set of experiment-defined critical tests to be used to measure availability
- Targets for VO-specific reliabilities?
 - Start high ? 98%?? For Tier 1s
- Reporting of Tier 2 federation (weighted) reliabilities
 - Target 95% (now)
- Update OPS tests:
 - For SRM v2
 - Better combination of services (need a proposal)
- Nagios (or equiv) installed at Tier 1 and Tier 2 sites,
 - so that sites can receive alarms and problem notification



Metrics

- Tape metrics – should start reporting – what?
 - Need to agree (for Tier 1) experiment write and read rates from tape
 - Sites to show that these rates can be achieved
- Job reliability
 - Look at dashboards for specific metrics to follow?
- Site dashboards
 - We need these in place
- Monitoring for Castor, DPM, dCache, etc.
- Other metrics to monitor performance of Tier 1s and Tier 2s (and Tier 0!)
 - User support response ??
 - Service downtimes ???



Service

- “CCRC’09” service verification targets
 - ...