

SC4 / pilot WLCG Service Workshop

Report of Contributions

Contribution ID: 1

Type: **not specified**

SRM / FTS / etc interoperability issues

Friday 10 February 2006 17:30 (1 hour)

By definition, the various components cited above must interoperate. We should identify any outstanding issues and produce a plan to resolve them.

Session Classification: Data Management

Contribution ID: 2

Type: **not specified**

Update on LCG OPN

Friday 10 February 2006 09:15 (15 minutes)

The status and timeline of the LCG Optical Private Network (OPN) is presented.

Author: DAVID FOSTER

Presenter: DAVID FOSTER

Session Classification: Data Management

Contribution ID: 3

Type: **not specified**

Introduction & Workshop Goals

Friday 10 February 2006 09:00 (15 minutes)

This talk will try to identify the key issues that we need to understand as a result of this workshop, including:

- Discussing and obtaining draft agreement of the detailed Service Plan for 2006 (what services are deployed where, schedule, agreed functionality that is delivered by each release etc.)
- Data flows / rates (reprocessing at Tier1s, calibration etc. (e.g. the TierX-TierY ones...))
- Corresponding impact on Tier1s and Tier2s

The Tier0-Tier1 rates, as well as first pass processing, are assumed to be well known ...

Author: JAMIE SHIERS

Presenter: JAMIE SHIERS

Session Classification: Data Management

Contribution ID: 4

Type: **not specified**

CASTOR2 + CASTOR SRM

Friday 10 February 2006 13:30 (2 hours)

Deployment schedule of CASTOR2 and CASTOR SRM across the sites, including:

- proposed h/w configuration to be used at CERN for SC4;
- specific CASTOR and SRM 2.1 features provided by each release,
- testing schedule, site & experiment validation etc.

Author: JAN VAN ELDIK, BEN COUTURIER - FOR THE CASTOR / SRM TEAM (CERN - RAL)

Presenter: JAN VAN ELDIK, BEN COUTURIER - FOR THE CASTOR / SRM TEAM (CERN - RAL)

Session Classification: Data Management

Contribution ID: 5

Type: **not specified**

dCache

Friday 10 February 2006 15:30 (2 hours)

- Summary of dCache workshop.
- Deployment schedule of dCache 2.1 SRM across the sites, including specific features provided by each release, testing schedule, experiment validation etc.

Author: PATRICK FUHRMANN/MICHAEL ERNST FOR THE DCACHE TEAM (DESY)

Presenter: PATRICK FUHRMANN/MICHAEL ERNST FOR THE DCACHE TEAM (DESY)

Session Classification: Data Management

Contribution ID: 6

Type: **not specified**

DPM / LFC

Friday 10 February 2006 10:45 (1h 15m)

This session will summarise recent and foreseen enhancements to the DPM & LFC software and services (20')

It will also cover the site perspective from a deployment / service point of view.

Author: JEAN-PHILIPPE BAUD, GRAEME STEWART (CERN, Glasgow)

Presenter: JEAN-PHILIPPE BAUD, GRAEME STEWART (CERN, Glasgow)

Session Classification: Data Management

Contribution ID: 7

Type: **not specified**

FTS status and directions / FTS requirements from a site point of view

Friday 10 February 2006 09:30 (1h 15m)

This session will cover recent and foreseen enhancements to the FTS s/w and service. (20')

It will also provide an opportunity for sites to express their requirements in terms of operation, manageability and so forth.

Author: GAVIN MCCANCE, ANDREAS HEISS (TBC) (CERN, FZK)

Presenter: GAVIN MCCANCE, ANDREAS HEISS (TBC) (CERN, FZK)

Session Classification: Data Management

Contribution ID: 8

Type: **not specified**

Service Availability Monitoring

Saturday 11 February 2006 11:30 (1 hour)

Experience with monitoring services using the Site Functional Tests

Author: PIOTR NYCZYK

Presenter: PIOTR NYCZYK

Session Classification: Services and Service Levels

Contribution ID: 9

Type: **not specified**

Distributed Database Deployment

Saturday 11 February 2006 17:30 (30 minutes)

Conclusions of the workshop held at CERN on February 6th:

Agenda :

<http://agenda.cern.ch/fullAgenda.php?ida=a058495>

The workshop goals are to review the status of the database project milestones on the tier 1/0 side and on the experiment side.

This boils down to

- to what extent are the production database servers and frontier installations at T0 and T1 becoming available? What problems setup have been encountered/ solved? Which steps still need to be completed before opening the first distributed LCG database setup for users from the experiments in March? How can the remaining Tier 1 sites join/participate during the first production phase (March-Sept) in order to be ready to also provide database services for the full deployment milestone in autumn?
- to what extent has the development of the main applications (conditions data and other apps to be tested as part of SC4) been completed? This includes the definition of concrete detector data models including refined estimates for volume and access patterns, connection between online and offline, connection between T0 and T1 (reports from the various distribution tests).

Author: DIRK DUELLMANN, ANDREA VALASSI

Presenter: DIRK DUELLMANN, ANDREA VALASSI

Session Classification: Services and Service Levels

Contribution ID: **10**

Type: **not specified**

Operations Model

Saturday 11 February 2006 16:00 (45 minutes)

- The operations model for 2006 and roll-out schedule (from 'SC operations' to standard operations - what, if anything, remains particular to WLCG production?)
- Coordinating the various mailing lists, announcement mechanisms, out-of-hours coverage...
- The support model for 2006: moving from stop-gap support lists setup for SC3 to GGUS support; time-table, scope etc.

Author: MAITE BARROSO

Presenter: MAITE BARROSO

Session Classification: Services and Service Levels

Contribution ID: **11**

Type: **not specified**

Service Level Metrics - Monitoring and Reporting

Saturday 11 February 2006 13:30 (1 hour)

A proposal for how component level testing could be aggregated into MoU-level services; metrics; reporting etc.

Author: HARRY RENSHALL

Presenter: HARRY RENSHALL

Session Classification: Services and Service Levels

Contribution ID: **12**

Type: **not specified**

Service Levels by Service / Tier / VO

Saturday 11 February 2006 16:45 (45 minutes)

A discussion on the target service levels. The baseline is given in the attached planning document.

All sites - at least the Tier1s and DESY - should come prepared to report on service levels and availability at their site.

Author: HELENE CORDIER + ALL SITES (IN2P3)

Presenter: HELENE CORDIER + ALL SITES (IN2P3)

Session Classification: Services and Service Levels

Contribution ID: 13

Type: **not specified**

Deploying Production Grid Servers & Services

Saturday 11 February 2006 10:00 (1 hour)

By the time of this workshop, all main Grid services at CERN will have been redeployed to address the MoU targets.

This session covers the various techniques deployed as well as initial experience with running the services.

Recommendations for sites deploying the same services will be offered.

Author: THORSTEN KLEINWORT

Presenter: THORSTEN KLEINWORT

Session Classification: Services and Service Levels

Contribution ID: 14

Type: **not specified**

Deploying Agreed Services at Tier1 / Tier2 Sites

Saturday 11 February 2006 14:30 (1h 30m)

In this session we attempt to reach draft agreement on the detailed Service Schedule for 2006.

This includes:

- The list of services deployed at which sites;
- The service roll-out schedule;
- The service roll-out procedure (which must include both pre-testing / certification by the deployment teams as well as prolonged testing in a production environment (the Pre-Production System assumed) by the experiments.

Author: SC TEAM, SITES, EXPERIMENTS

Presenter: SC TEAM, SITES, EXPERIMENTS

Session Classification: Services and Service Levels

Contribution ID: **15**

Type: **not specified**

Service Checklist

Saturday 11 February 2006 09:00 (1 hour)

List of requirements for setting up a production service - the “service dashboard” / “checklist”

Author: TIM BELL

Presenter: TIM BELL

Session Classification: Services and Service Levels

Contribution ID: **16**

Type: **not specified**

LHCb Use Cases for SC4

Sunday 12 February 2006 09:00 (1 hour)

Author: NICK BROOK / RICARDO GRACIANI

Presenter: NICK BROOK / RICARDO GRACIANI

Session Classification: Experiment and ARDA Use Cases

Contribution ID: 17

Type: **not specified**

Discussion on Analysis Requirements and Services Required

Sunday 12 February 2006 16:30 (30 minutes)

Author: ALL

Presenter: ALL

Session Classification: Experiment and ARDA Use Cases

Contribution ID: **18**

Type: **not specified**

CMS Use Cases for SC4

Sunday 12 February 2006 10:00 (1 hour)

Author: IAN FISK (TBC)

Presenter: IAN FISK (TBC)

Session Classification: Experiment and ARDA Use Cases

Contribution ID: **19**

Type: **not specified**

ATLAS Use Cases for SC4

Sunday 12 February 2006 11:00 (1 hour)

Author: DARIO BARBERIS

Presenter: DARIO BARBERIS

Session Classification: Experiment and ARDA Use Cases

Contribution ID: **20**

Type: **not specified**

ALICE Use Cases for SC4

Sunday 12 February 2006 13:30 (1 hour)

Author: FEDERICO CARMINATI / PIERGIORGIO CERELLO

Presenter: FEDERICO CARMINATI / PIERGIORGIO CERELLO

Session Classification: Experiment and ARDA Use Cases

Contribution ID: **21**

Type: **not specified**

ARDA Use Cases for SC4

Sunday 12 February 2006 14:30 (1 hour)

Author: MASSIMO LAMANNA

Presenter: MASSIMO LAMANNA

Session Classification: Experiment and ARDA Use Cases

Contribution ID: 22

Type: **not specified**

ROOT / PROOF / xrootd

Sunday 12 February 2006 15:30 (1 hour)

Service and deployment issues...

Target sites, service levels, monitoring, procedures, etc.

Author: RENE BRUN / FONS RADEMAKERS / ANDY HANUSHEVSKY

Presenter: RENE BRUN / FONS RADEMAKERS / ANDY HANUSHEVSKY

Session Classification: Experiment and ARDA Use Cases

Contribution ID: 23

Type: **not specified**

Workshop Summary

Sunday 12 February 2006 17:00 (30 minutes)

Author: JAMIE SHIERS

Presenter: JAMIE SHIERS

Session Classification: Experiment and ARDA Use Cases