

# **SRM2.2 deployment workshop**

## **Report of Contributions**

Contribution ID: 3

Type: **not specified**

## dCache configuration

*Wednesday, 14 November 2007 09:00 (1 hour)*

During session (2) participants should get the chance to ssh from their laptops into a pre-installed dCache instance and apply some of the material that has been presented in previous sessions. To enhance this experience, people should download the dCache administration client GUI:

<http://www.dcache.org/downloads/gui/index.shtml>

Select the “All dCache versions” link and follow the installation instructions.

**Presenters:** SYNGE, Owen (Unknown); Dr FUHRMANN, Patrick (DESY); PERELMUTOV, Timur (FERMI NATIONAL ACCELERATOR LABORATORY)

**Session Classification:** dCache SRM2.2 configuration (1)

Contribution ID: 4

Type: **not specified**

## DPM configuration

*Wednesday, 14 November 2007 09:00 (1h 15m)*

**Presenters:** BAUD, Jean-Philippe (CERN); LEMAITRE, Sophie (Unknown)

**Session Classification:** DPM SRM2.2 configuration (1)

Contribution ID: 7

Type: **not specified**

## **Spaces, tokens and descriptions: the language of SRM2.2**

*Tuesday, 13 November 2007 13:25 (20 minutes)*

**Presenter:** LITMAATH, Maarten (CERN)

**Session Classification:** SRM2.2 concepts

Contribution ID: 8

Type: **not specified**

## SRM2.2 and GLUE1.3

*Tuesday, 13 November 2007 14:40 (15 minutes)*

Description of how the information system will be used to publish SRM2.2 details.

**Presenter:** Dr BURKE, Stephen (RUTHERFORD APPLETON LABORATORY)

**Session Classification:** SRM2.2 concepts

Contribution ID: 9

Type: **not specified**

## dCache information publishing

*Wednesday, 14 November 2007 10:00 (15 minutes)*

**Presenter:** TROMPERT, Ron (SARA)

**Session Classification:** dCache SRM2.2 configuration (1)

Contribution ID: **10**

Type: **not specified**

## DPM information publishing

*Wednesday, 14 November 2007 10:15 (15 minutes)*

**Presenter:** Dr COWAN, Greig (University of Edinburgh)

**Session Classification:** DPM SRM2.2 configuration (1)

Contribution ID: **11**

Type: **not specified**

## Service availability monitoring

*Wednesday, 14 November 2007 14:00 (20 minutes)*

Storage related SAM tests.

**Presenter:** Dr DONNO, Flavia (CERN)

**Session Classification:** SRM2.2 availability monitoring

Contribution ID: **12**

Type: **not specified**

## **SRM2.2 testing**

*Wednesday, 14 November 2007 14:20 (20 minutes)*

**Presenter:** Dr DONNO, Flavia (CERN)

**Session Classification:** SRM2.2 availability monitoring

Contribution ID: **14**

Type: **not specified**

## **SRM2.2 in DPM**

*Tuesday, 13 November 2007 13:45 (15 minutes)*

**Presenter:** BAUD, Jean-Philippe (CERN)

**Session Classification:** SRM2.2 concepts

Contribution ID: 15

Type: **not specified**

## SRM2.2 in dCache

*Tuesday, 13 November 2007 14:00 (15 minutes)*

**Presenter:** PERELMUTOV, Timur (FERMI NATIONAL ACCELERATOR LABORATORY)

**Session Classification:** SRM2.2 concepts

Contribution ID: **16**

Type: **not specified**

## ATLAS

*Tuesday, 13 November 2007 15:25 (20 minutes)*

**Presenter:** Dr STEWART, Graeme A (University of Glasgow)

**Session Classification:** What do the experiments want from your storage?

Contribution ID: 17

Type: **not specified**

## CMS

*Tuesday, 13 November 2007 15:45 (20 minutes)*

**Presenter:** Dr DONVITO, Giacinto (INFN-Bari)

**Session Classification:** What do the experiments want from your storage?

Contribution ID: **18**

Type: **not specified**

## LHCb

*Tuesday, 13 November 2007 16:05 (20 minutes)*

**Presenter:** SMITH, Andrew Cameron (University of Edinburgh)

**Session Classification:** What do the experiments want from your storage?

Contribution ID: **19**

Type: **not specified**

## DPM hands on

*Wednesday, 14 November 2007 11:00 (2 hours)*

Configuration of SRM services will be presented. Reconfiguration should be discussed. Tips on running a DPM service and common error messages to look out for.

**Presenters:** BAUD, Jean-Philippe (CERN); LEMAITRE, Sophie (Unknown)

**Session Classification:** DPM SRM2.2 configuration (2)

Contribution ID: 20

Type: **not specified**

## dCache hands on

*Wednesday, 14 November 2007 11:00 (2 hours)*

Configuring SRM2.2 services. Main dCache concepts required. gPlazma configuration. Common error messages.

During session (2) participants should get the chance to ssh from their laptops into a pre-installed dCache instance and apply some of the material that has been presented in previous sessions. To enhance this experience, people should download the dCache administration client GUI:

<http://www.dcache.org/downloads/gui/index.shtml>

Select the "All dCache versions" link and follow the installation instructions.

**Presenters:** SYNGE, Owen (Unknown); Dr FUHRMANN, Patrick (DESY); PERELMUTOV, Timur (FERMI NATIONAL ACCELERATOR LABORATORY)

**Session Classification:** dCache SRM2.2 configuration (2)

Contribution ID: 22

Type: **not specified**

## StoRM configuration

**Presenter:** MAGNONI, Luca (INFN)

Contribution ID: 23

Type: **not specified**

## StoRM information publishing

**Presenter:** MAGNONI, Luca (INFN)

Contribution ID: 24

Type: **not specified**

## SRM2.2 in CASTOR

*Tuesday, 13 November 2007 14:15 (15 minutes)*

**Presenter:** JENSEN, Jens (CLRC-RAL)

**Session Classification:** SRM2.2 concepts

Contribution ID: 25

Type: **not specified**

## StoRM

**Presenter:** MAGNONI, Luca (INFN)

Contribution ID: 26

Type: **not specified**

## WLCG and SRM: some background

*Tuesday, 13 November 2007 13:10 (15 minutes)*

A presentation covering the reasons behind the development of the SRM interface and how it will be used within the WLCG project.

**Presenter:** Dr DONNO, Flavia (CERN)

**Session Classification:** SRM2.2 concepts

Contribution ID: 27

Type: **not specified**

## StoRM Tier-2s

This has been organised to accommodate Tier-2s who also want to attend the DPM and dCache sessions on Wednesday.

**Presenter:** MAGNONI, Luca (INFN)

Contribution ID: **28**

Type: **not specified**

## **SRM2.2 in StoRM**

*Tuesday, 13 November 2007 14:30 (10 minutes)*

**Presenter:** Dr ZAPPI, Riccardo (CNAF-INFN)

**Session Classification:** SRM2.2 concepts

Contribution ID: **29**

Type: **not specified**

## Tier-1 update

*Tuesday, 13 November 2007 09:30 (1 hour)*

**Session Classification:** dCache Tier-1s (main workshop for everyone else starts at 1pm)

Contribution ID: **30**

Type: **not specified**

## Lessons learned

*Tuesday, 13 November 2007 11:00 (1 hour)*

**Session Classification:** dCache Tier-1s (main workshop for everyone else starts at 1pm)

Contribution ID: 31

Type: **not specified**

## Client tools for SRM2.2 operations

*Wednesday, 14 November 2007 15:25 (20 minutes)*

Description of the client tools which users will use to interact with the SRMs and which site administrators can use to debug problems.

**Presenter:** Dr COWAN, Greig (University of Edinburgh)

**Session Classification:** SRM Client tools

Contribution ID: **32**

Type: **not specified**

## **dCache pool metadata database**

*Wednesday, 14 November 2007 10:15 (15 minutes)*

Introduction to the new dCache pool metadata databases which will replace the existing pool control files in a future release of dCache.

**Presenter:** BEHRMANN, Gerd (NDGF)

**Session Classification:** dCache SRM2.2 configuration (1)

Contribution ID: **33**

Type: **not specified**

## What is StoRM and How it works

*Tuesday, 13 November 2007 09:30 (50 minutes)*

Introduction to the StoRM project and internals features

**Session Classification:** StoRM (main workshop starts at 1pm)

Contribution ID: **34**

Type: **not specified**

## Installation and configuration

*Tuesday, 13 November 2007 10:20 (50 minutes)*

**Session Classification:** StoRM (main workshop starts at 1pm)

Contribution ID: 35

Type: **not specified**

## Hands on session

*Tuesday, 13 November 2007 11:20 (40 minutes)*

**Session Classification:** StoRM (main workshop starts at 1pm)

Contribution ID: 36

Type: **not specified**

## FTS2

*Wednesday, 14 November 2007 15:45 (20 minutes)*

The EGEE File Transfer Service (FTS) will be presented. In particular Tier-1s and Tier-2s should find out how to debug problems involving the FTS. For example where to look for information (online FTS log files, monitoring plots) and what to look for (i.e. typical failure modes, error return codes).

**Presenter:** TEDESCO, Paolo (Unknown)**Session Classification:** SRM Client tools

Contribution ID: 37

Type: **not specified**

## Coffe break

*Tuesday, 13 November 2007 11:10 (10 minutes)*

**Session Classification:** StoRM (main workshop starts at 1pm)

Contribution ID: **38**

Type: **not specified**

## Introduction

*Tuesday, 13 November 2007 13:00 (10 minutes)*

**Presenter:** Dr COWAN, Greig (University of Edinburgh)

**Session Classification:** Workshop welcome

Contribution ID: **39**

Type: **not specified**

## Workshop summary

*Wednesday, 14 November 2007 16:05 (10 minutes)*

**Presenter:** Dr COWAN, Greig (University of Edinburgh)

**Session Classification:** Workshop close