Spring HEPiX 2007

Report of Contributions

https://indico.desy.de/e/257

Contribution ID: **11** Type: **not specified**

Performance of modern processor with HEP code

Friday, 27 April 2007 09:00 (25 minutes)

I compared the performance of several HEP processor from
Intel and AMD when running
32bit and 64 bit code on SL4 using typical HEP code
I started also a look to Spec CPU 2006 int and fp on a 4core
intel processor

Primary author: Dr MICHELOTTO, michele (INFN Padova)

Presenter: Dr MICHELOTTO, michele (INFN Padova)

Session Classification: Benchmarks I

Contribution ID: **12** Type: **not specified**

A High Availability Central Content Management Sever System

Tuesday, 24 April 2007 09:45 (30 minutes)

The computersystem for the central content management system
at DESY consists of
loadbalancers, webservers, application servers and database
servers.
The setup makes use of common software such as Apache, Zope etc.
This talk will give an overview over the setup and goes into
some details of the
Apache and loadbalancing setup.

Primary author: Mr GERMER, Carsten (DESY)

Presenter: Mr GERMER, Carsten (DESY)

Session Classification: Solutions and Architectures I

Contribution ID: **13** Type: **not specified**

HPSS and GPFS

Wednesday, 25 April 2007 12:40 (20 minutes)

Using HPSS as a GPFS storage pool, thus allowing automatic migration of data to and
from HPSS from a GPFS filesystem. This is work being developed at NERSC and SDSC.

Primary authors: WHITNEY, Cary (LBL/NERSC); HAZEN, Damian (LBL/NERSC)

Presenter: WHITNEY, Cary (LBL/NERSC)

Session Classification: Storage And File Systems II

Contribution ID: **14** Type: **not specified**

Tuning a GPFS file system

Wednesday, 25 April 2007 11:50 (20 minutes)

I'll discuss how to tune a GPFS filesystem and problems that
GPFS discovered in out
network and systems.

Primary author: WHITNEY, Cary (LBL/NERSC)

Presenter: WHITNEY, Cary (LBL/NERSC)

Session Classification: Storage And File Systems II

Contribution ID: **15** Type: **not specified**

Future Grid Deployment Strategy

Thursday, 26 April 2007 12:15 (30 minutes)

The paper reflects on the experience gained from the deployment of the gLite middleware on the EGEE infrastructure and describes the changes required to meet the demanding requirements over the next few years. In particular, focus is given to the the changes required in YAIM, the grid middleware configuration, to addresses the required granularity of releases, the changes that are necessary for a modular approach and how a smooth transition between can be achieved. In addition, most computing centers are upgrading hardware from 32 bit CPUs to 64 bit. The additional problems this creates is discussed along with the possible solutions so that full support can be given and the resulting affect on YAIM and grid middleware in general is described. An additional requirement is the need to support multiple platforms and migrating to newer versions of the OS. The middleware evolution also contains similar transitions such as upgrading VDT, which is at the core of the middleware. This paper contains information that will be of use to system administers of computing centers who run grid services.

Primary author: Mr PONCET, Louis (CERN)

Presenter: Mr PONCET, Louis (CERN)

Session Classification: Systems Management II

Contribution ID: **16** Type: **not specified**

AFS + Object Storage

Wednesday, 25 April 2007 09:30 (30 minutes)

In a common project between CERN, CASPUR, and RZG an AFS extension to support object
storage has been developed. The Object Storage Devices (OSD) are loosely based on
SCSI T10-standard and uses the mature AFS components rx-interface to the network and
namei-interface to the disks. The AFS fileserver got a new role as
OSD-metatdataserver. A ubik-database to store information about OSDs has been
developed. The AFS-client has been restructured to allow for direct parallel access
to OSDs. This technique allows to distribute files belonging to an AFS-volume over
multiple OSDs and offers new techniques such as write-replication of files and
file-striping. Also a legacy interface has been implemented to allow any old AFS
client access to data stored in OSDs. In March a stress test of the beta-version took
place at CERN with 120 clients and 8 servers showing stability and the expected
scalability and performance.

Primary author: Dr REUTER, Hartmut (RZG)

Co-authors: MASLENNIKOV, Andrei (CASPUR); GIAMMARINO, Ludovico (CASPUR); TOEBBICKE, Rainer (CERN); BELLONI, Roberto (CASPUR)

Presenter: Dr REUTER, Hartmut (RZG)

Session Classification: Storage And File Systems I

Contribution ID: **17** Type: **not specified**

LAL Site Report

Monday, 23 April 2007 10:00 (15 minutes)

Site report for LAL and GRIF

Primary author: Mr JOUVIN, Michel (LAL / IN2P3)

Presenter: Mr JOUVIN, Michel (LAL / IN2P3)

Session Classification: Site Reports I

Contribution ID: **18** Type: **not specified**

GRIF : management of a distributed site with Quattor

Thursday, 26 April 2007 09:00 (25 minutes)

This talk will present GRIF experience of managing a distributed site with
Quattor and show how Quattor has been a critical tool for building a unique,
geographically distributed, technical team.

Primary author: Mr JOUVIN, Michel (LAL / IN2P3)

Presenter: Mr JOUVIN, Michel (LAL / IN2P3)

Session Classification: Systems Management I

Contribution ID: **19** Type: **not specified**

LAPP site report - A French Tier3

Monday, 23 April 2007 10:15 (15 minutes)

LAPP (Laboratoire d'Annecy le Vieux de Physique des
Particules) is a French IN2P3
laboratory involved in LHC experiments (Atlas, LHCb) as a Tier3.
We will describe our computing resources (shared by local
and grid users), storage
resources, services running at site, monitoring and "home
made"accounting tools.

Primary author: Mrs GOUGEROT, muriel (LAPP/IN2P3/CNRS)

Co-author: Mr FEDE, Eric (LAPP/IN2P3/CNRS)

Presenters: Mr FEDE, Eric (LAPP/IN2P3/CNRS); Mrs GOUGEROT, muriel (LAPP/IN2P3/CNRS)

Session Classification: Site Reports I

Contribution ID: **20** Type: **not specified**

Many-Core CPUs - Parallel Computing in HEP

Friday, 27 April 2007 09:55 (25 minutes)

Parallel computing in HEP is regarded as exotic and
unnecessary (at best). I will
talk about the
recent BaBar D0 mixing results and how parallel computation
helped. I will also
illustrate that
parallel computing will be the only way to take advantage of
the upcoming “many-core”
CPUs.

Primary author: WACHSMANN, Alf (SLAC)

Presenter: WACHSMANN, Alf (SLAC)

Session Classification: Benchmarks I

Contribution ID: **21** Type: **not specified**

Oracle Database services at the INFN-CNAF Tier-1

Tuesday, 24 April 2007 12:15 (30 minutes)

Most of the services of the GRID infrastructure require robust and
efficient database backends, providing high performances as well as fault
tolerance mechanisms and fast disaster recovery procedures. To this end, the Italian Tier-1, in collaboration with CERN and the
other Tier-1s of the WLCG, has started a deployment and production phase
of Oracle database services, that will be used e.g. to provide backends for file catalogues such as LFC, condition databases, storage
resource managers, mass storage systems like Castor-2, etc.. In this talk we give an overview of the service infrastructure at CNAF,
describing how the various Oracle technologies - RAC, ASM, RMAN,
Streams, GridControl, etc. - are used. We also present the results
of some specific tests realized to validate and measure the performance
of the system.

Primary authors: Mr CARBONE, Angelo (INFN CNAF); Mrs MARTELLI, Barbara (INFN CNAF); Mr BONIFAZI, Federico (INFN CNAF); Mr PECO, Gianluca (INFN Bologna)

Presenter: Mr PECO, Gianluca (INFN Bologna)

Session Classification: Solutions and Architectures II

Contribution ID: **22** Type: **not specified**

DESY Site Report

Monday, 23 April 2007 16:20 (20 minutes)

DESY Site Report

Primary author: Dr WOLLER, Knut (DESY)

Presenter: Dr WOLLER, Knut (DESY)

Session Classification: Site Reports IV

Contribution ID: **23** Type: **not specified**

Finding Your Ways - A Word From The Organizers

Monday, 23 April 2007 09:45 (15 minutes)

Welcome from the organizers and introductory remarks about schedules, locations, and services during the Spring 2007 HEPiX Workshop

Primary author: Dr WOLLER, Knut (DESY)

Presenter: Dr WOLLER, Knut (DESY)

Session Classification: Keynotes

Contribution ID: **24** Type: **not specified**

CERN Site Report

Monday, 23 April 2007 16:00 (20 minutes)

CERN Site Report

Primary author: Dr MEINHARD, Helge (CERN)

Presenter: Dr MEINHARD, Helge (CERN)

Session Classification: Site Reports IV

Contribution ID: **25** Type: **not specified**

BNL Site Report

Monday, 23 April 2007 11:35 (15 minutes)

BNL Site Report

Primary author: PETKUS, Robert (Brookhaven National Laboratory)

Presenter: PETKUS, Robert (Brookhaven National Laboratory)

Session Classification: Site Reports II

Contribution ID: **26** Type: **not specified**

Storage Evaluations at BNL

Wednesday, 25 April 2007 11:15 (20 minutes)

Several disk storage systems have been evaluated at the
RHIC/USATLAS Computing
Facility as part of an ongoing project to identify solutions
capable of accommodating
a large projected growth in storage demand over the next
five years. A preference is
given toward lower-cost, high-density, commodity solutions
using SATA and SAS drives.
This talk will survey the testing methodology,
configuration, and performance of a
number of products thus far evaluated including the SunFire
x4500 (Thumper).

Primary author: PETKUS, Robert (Brookhaven National Laboratory)

Presenter: PETKUS, Robert (Brookhaven National Laboratory)

Session Classification: Storage And File Systems II

Contribution ID: **27** Type: **not specified**

CPU Benchmarking at GridKa - Update April 2007

Friday, 27 April 2007 09:25 (25 minutes)

I'll continue the discussion about CPU benchmarking. New topics are:
- experiences with new worker nodes at GridKa,
- quad core measurements,
- differing levels of optimization,
- first SPEC CPU2006 results.

Primary author: ALEF, Manfred (Forschungszentrum Karlsruhe)

Presenter: ALEF, Manfred (Forschungszentrum Karlsruhe)

Session Classification: Benchmarks I

Contribution ID: **28** Type: **not specified**

CASPUR Site Report

Monday, 23 April 2007 11:15 (15 minutes)

10 minute update on our site

Primary author: Mr MASLENNIKOV, Andrei (CASPUR)

Presenter: Mr MASLENNIKOV, Andrei (CASPUR)

Session Classification: Site Reports II

Contribution ID: **29** Type: **not specified**

Monitoring at GridKa using Nagios

Thursday, 26 April 2007 09:25 (25 minutes)

At GridKa the system monitoring tool Nagios is used to check the status of servers,
worker nodes, storage systems, network components, services, and infrastructure (e.g.
UPS and cooling).

We'll present a brief summary about the setup and the hierarchical structure of the
Nagios system at GridKa.

Primary author: Mr JÄGER, Axel (Forschungszentrum Karlsruhe)

Presenter: Mr JÄGER, Axel (Forschungszentrum Karlsruhe)

Session Classification: Systems Management I

Contribution ID: **30** Type: **not specified**

RAL Site report

Monday, 23 April 2007 12:15 (15 minutes)

Status report from the RAL Tier1 in the run up to LHC switch on.

Primary author: Mr BLY, Martin (STFC-RAL)

Presenter: Mr BLY, Martin (STFC-RAL)

Session Classification: Site Reports II

Contribution ID: **31** Type: **not specified**

Increasing Reliability Through System Testing And Failure Prediction

Thursday, 26 April 2007 16:00 (30 minutes)

Building data centers from a very large number of components of finite reliability increases the probability of hardware failures, potentially leading to data corruption and unscheduled downtime. In addition, the typical extensive variations in hardware types increase the probability of similar errors due to software incompatibility.

We report on the testing and verification methods and software used to check system integrity and decrease service downtime by early problem detection and prediction.

Primary author: Mr HORVATH, Andras (CERN)

Presenter: Mr HORVATH, Andras (CERN)

Session Classification: Miscellaneous

Contribution ID: **32** Type: **not specified**

Computing and Network structure for Diamond

Tuesday, 24 April 2007 11:45 (30 minutes)

Diamond Light Source is a light source synchrotron facility of recent construction.

Computing and networking must support both production and research. Mostly production in the running of the synchrotron, mostly research in the experimental beamlines attached to it.

This has required a dual structure, and especially for the beamline system a careful attention to growth requirement. Existing plans call for experimental data rates in aggregate approaching those of the LHC at CERN.

Synchrotron computing is based on PowerPC and ARM based control and monitoring systems and powerful workstations running monitoring software; synchrotron networking on a multimode fibre, 1gb/s infrastructure and CAT6 1gb/s connections to leaf nodes.

Experimental computing is based on industry standard storage servers, clusters and GNU/Linux; networking is based on a 10gb/s singlemode fibre infrastructure and 1gb/s CAT6 links to end nodes, but soon we will have 10gb/s links to servers both on singlemode fibre and CAT6 when 10GBASE-T products become available.

Interesting challenges and research in the near future as detectors improve resolution and diffractometers improve sample positioning. A tomography experiment which results in data rates of 400MB/s for a day is already being investigated.

Primary author: Mr GRANDI, Peter (Diamond Light Source Ltd.)

Presenter: Mr GRANDI, Peter (Diamond Light Source Ltd.)

Session Classification: Solutions and Architectures II

Contribution ID: **33** Type: **not specified**

Support for web projects at DESY

Tuesday, 24 April 2007 11:15 (30 minutes)

DESY offers to the research and administration groups full technical support for their web projects. The talk will show, how the service is organized and give information on the Web-Office project, which started 5 years ago.

Primary author: ROUDE, Renate (DESY)

Presenter: ROUDE, Renate (DESY)

Session Classification: Solutions and Architectures II

Contribution ID: **34** Type: **not specified**

PSI Site Report

Monday, 23 April 2007 10:30 (15 minutes)

PSI Site Report

Primary author: Dr BEYERLE, Urs (PSI)

Presenter: Dr BEYERLE, Urs (PSI)

Session Classification: Site Reports I

Contribution ID: **35** Type: **not specified**

GSI site report

Monday, 23 April 2007 11:55 (15 minutes)

GSI site report

Primary author: Dr SCHOEN, Walter (GSI)

Presenter: Dr SCHOEN, Walter (GSI)

Session Classification: Site Reports II

Contribution ID: **36** Type: **not specified**

Keynote

Monday, 23 April 2007 09:30 (15 minutes)

Welcome to DESY

Primary author: Prof. HEUER, Rolf-Dieter (DESY)

Presenter: Prof. HEUER, Rolf-Dieter (DESY)

Session Classification: Keynotes

Contribution ID: **38** Type: **not specified**

GridKa Site Report

Monday, 23 April 2007 12:35 (15 minutes)

Short overview of the status of GridKa.

Note: This contribution will not be recorded or streamed.
Remote participants should use VRVS to attend.

Primary author: ALEF, Manfred (Forschungszentrum Karlsruhe)

Co-author: VAN WEZEL, Jos (Forschungszentrum Karlsruhe)

Presenter: ALEF, Manfred (Forschungszentrum Karlsruhe)

Session Classification: Site Reports II

Contribution ID: **39** Type: **not specified**

PDSF Site Report

Monday, 23 April 2007 14:00 (15 minutes)

Taking a look at what is happening at PDSF and NERSC.

Primary author: WHITNEY, Cary (LBL/NERSC)

Presenter: WHITNEY, Cary (LBL/NERSC)

Session Classification: Site Reports III

Contribution ID: **40** Type: **not specified**

Multi-core CPU performance in High Energy Physics applications

Friday, 27 April 2007 10:20 (25 minutes)

Multi-core CPUs are the standard way for a performance efficient utilization of
additional on-chip CPU space provided by advanced silicon technologies. Though this
leads to a more fine grained parallel approach on the programming level for instance
by introducing multithreading it is also expected that trivial parallel applications
like the event processing in High Energy Physics can take advantage of these new
technologies.
In the talk the performance of dual- and quad-core systems is compared based on real
HEP applications like the ROOT stress benchmark and the ATLAS Athena framework. The
goal of the tests was to investigate the ability of those systems to beintegrated
into large farm systems controlled by a queuing system.
Besides the benchmark results coming from different compute servers other relevant
numbers like the price performance ratio and ratio of electrical power consumption
versus performance are discussed.
Additionally a short view on the design of a certain multi-core architectures is
given and possible bottlenecks in using such systems are addressed.

Primary author: Dr WEGNER, Peter (DESY)

Co-authors: Dr VOGT, Harald (DESY); VOLKMANN, Michael (Humboldt University); WIESAND, Stephan (DESY)

Presenter: Dr WEGNER, Peter (DESY)

Session Classification: Benchmarks I

Contribution ID: **41** Type: **not specified**

Scotgrid - Site Report

Monday, 23 April 2007 14:15 (15 minutes)

We present a site report for the 3 UKI Scotgrid Tier 2 sites (Glasgow, Edinburgh,
Durham) covering the Status of the sites, Availability, Operations.

We will also cover distributed support and stress testing of both DPM and dCache

Primary author: Mr ELWELL, Andrew (University of Glasgow)

Presenter: Mr ELWELL, Andrew (University of Glasgow)

Session Classification: Site Reports III

Contribution ID: **42** Type: **not specified**

Highly Available Central Services III (A Virtualization Approach)

Tuesday, 24 April 2007 09:15 (30 minutes)

Besides clustering and content based routing the technique of host
virtualization is another possibility of enhancing the availability of central
services. The talk will give a short introduction to pseudo virtualization before
focusing on the open source XEN virtualization and the Sun Solaris container
concept. Different aspects like base features, automatic provisioning, file
system support and version dependencies will be shown. The benefits in the
context of providing central services are easy service separation, enhanced
availability, flexible resource usage and control and simple provisioning.

Primary author: Mr FINNERN, Thomas (DESY)

Presenter: Mr FINNERN, Thomas (DESY)

Session Classification: Solutions and Architectures I

Contribution ID: **43** Type: **not specified**

Cfengine - Stress reduction for System Administrators

Thursday, 26 April 2007 09:50 (25 minutes)

We will cover the use of Cfengine (http://www.cfengine.org) to fully manage a grid
cluster, and maintain software and configuration of worker nodes, grid and disk
servers. We will demonstrate the ease of extending the cluster to new hosts, and
classes of hosts, together with the simplicity of maintaining the grid software ie,
R-GMA bugfix

Primary author: Mr ELWELL, Andrew (University of Glasgow)

Presenter: Mr ELWELL, Andrew (University of Glasgow)

Session Classification: Systems Management I

Contribution ID: **44** Type: **not specified**

Lustre experience at CEA/DIF

Wednesday, 25 April 2007 10:00 (30 minutes)

Lustre experience at CEA/DIF

Primary author: Mr LAFOUCRIERE, Jacques-Charles (CEA)

Presenter: Mr LAFOUCRIERE, Jacques-Charles (CEA)

Session Classification: Storage And File Systems I

Contribution ID: **47** Type: **not specified**

ZFS at DESY and IN2P3

Wednesday, 25 April 2007 14:00 (25 minutes)

ZFS at DESY and IN2P3

Primary authors: Mr TORTAY, Loic (IN2P3 Computing Centre); Mr GASTHUBER, Martin (DESY)

Presenter: Mr GASTHUBER, Martin (DESY)

Session Classification: Storage And File Systems III

Contribution ID: **49** Type: **not specified**

dCache update

Wednesday, 25 April 2007 14:50 (20 minutes)

dCache update

Primary author: Mr FUHRMANN, Patrick (DESY)

Presenter: Mr FUHRMANN, Patrick (DESY)

Session Classification: Storage And File Systems III

Contribution ID: **50** Type: **not specified**

SRM update

Wednesday, 25 April 2007 15:10 (20 minutes)

SRM update

Primary author: Dr DONNO, Flavia (CERN)

Presenter: Mr TRAYLEN, Steve (CERN)

Session Classification: Storage And File Systems III

Contribution ID: **51** Type: **not specified**

PANASAS update

Wednesday, 25 April 2007 11:35 (10 minutes)

PANASAS update

Primary author: PETKUS, Robert (Brookhaven National Laboratory)

Presenter: PETKUS, Robert (Brookhaven National Laboratory)

Session Classification: Storage And File Systems II

Contribution ID: **52** Type: **not specified**

Scientific Linux 5

Thursday, 26 April 2007 14:00 (30 minutes)

Scientific Linux 5

Primary author: SIEH, Connie (FNAL)

Presenter: SIEH, Connie (FNAL)

Session Classification: Scientific Linux

Contribution ID: **53** Type: **not specified**

FSWG Progress Report

Wednesday, 25 April 2007 09:00 (30 minutes)

FSWG Progress Report

Primary author: MASLENNIKOV, Andrei (CASPUR)

Presenter: MASLENNIKOV, Andrei (CASPUR)

Session Classification: Storage And File Systems I

Contribution ID: **54** Type: **not specified**

TRIUMF Site Report

Monday, 23 April 2007 14:35 (15 minutes)

Primary author: Dr KOST, Cornelis (TRIUMF)

Presenter: Dr KOST, Cornelis (TRIUMF)

Session Classification: Site Reports III

Contribution ID: **55** Type: **not specified**

INFN-T1 site report

Monday, 23 April 2007 14:50 (15 minutes)

The present situation and the future plans about the INFN Tier-1 infrastructural, farming, storage and network subsystems will be shown.

Primary author: Mr ROSSO, Felice (INFN-CNAF)

Presenter: Mr ROSSO, Felice (INFN-CNAF)

Session Classification: Site Reports III

Contribution ID: **56** Type: **not specified**

GPFS at CNAF

Wednesday, 25 April 2007 12:15 (20 minutes)

Experiences of deployment, tuning and administration of large GPFS cluster (700 nodes, 130TB of disk space) will be presented.

Primary author: Dr SAPUNENKO, Vladimir (INFN-CNAF)

Presenter: Dr SAPUNENKO, Vladimir (INFN-CNAF)

Session Classification: Storage And File Systems II

Contribution ID: **57** Type: **not specified**

DPM Update

Wednesday, 25 April 2007 14:25 (20 minutes)

DPM Update

Primary author: BAUD, Jean-Philippe (CERN)

Presenter: Mr TRAYLEN, Steve (CERN)

Session Classification: Storage And File Systems III

Contribution ID: **58** Type: **not specified**

HEPiX/WLCG System Management Working Group: an update.

Thursday, 26 April 2007 11:15 (30 minutes)

System Management Working Group (SMWG) of sys admins from Hepix and grid sites has been setup to address the fabric management problems that HEP sites might have. The group is open and its goal is not to
implement new tools but to share what is already in use at sites according to existing best practices. Some sites are already publicly sharing their tools and sensors and some other sites do write very good documentation and share it. The aim is to extend this to a general practice and in a more organised way and avoid the duplication
of effort that occurs when system administrators are solving mostly the same problems over and over. The result has been the creation of a WEB site (www.sysadmin.hep.ac.uk) that hosts a subversion
repository for management and monitoring tools and a wiki. It works as a file sharing system and single entry point for documentation distributed in other sites. The site, based on gridsite. We will describe how
the group is working and what has been achieved so far.

Primary author: Ms FORTI, Alessandra (University of Manchester)

Presenter: Ms FORTI, Alessandra (University of Manchester)

Session Classification: Systems Management II

Contribution ID: **59** Type: **not specified**

Overview of WLCG Grid Services Monitoring Working Group

Thursday, 26 April 2007 11:45 (30 minutes)

This talk will summarise the work and experience to date of the WLCG Grid Services
Monitoring Working Group whose goal is, through better service monitoring, to improve
the reliability and availability of the Grid. The talk will cover proposed
standardizations for service metric gathering and grid monitoring data exchange and
the use of a Nagios-based prototype deployment for validation.

Primary author: Mr NEILSON, Ian (CERN)

Presenter: Mr NEILSON, Ian (CERN)

Session Classification: Systems Management II

Contribution ID: **60** Type: **not specified**

Virtualization Users Workshop Report

Thursday, 26 April 2007 10:15 (30 minutes)

This talk reports upon the Virtualization users workshop held earlier this year at
DESY. HEP Use cases and applications of Virtualization on the worker node became the
focus of the discussions. To provide some illustration D-Caches usage of
Virtualization will be summarized.

Primary author: Mr SYNGE, Owen (Desy)

Presenter: Mr SYNGE, Owen (Desy)

Session Classification: Systems Management I

Contribution ID: **61** Type: **not specified**

CC-IN2P3 Site Report

Monday, 23 April 2007 15:10 (15 minutes)

Site report for the IN2P3 Computing Centre.

Primary author: Mr TORTAY, Loic (IN2P3 Computing Centre)

Presenter: Mr TORTAY, Loic (IN2P3 Computing Centre)

Session Classification: Site Reports III

Contribution ID: **62** Type: **not specified**

Status and Plans of Procurements at CERN

Tuesday, 24 April 2007 10:15 (30 minutes)

Primary author: Dr MEINHARD, Helge (CERN)

Presenter: Dr MEINHARD, Helge (CERN)

Session Classification: Solutions and Architectures I

Contribution ID: **63** Type: **not specified**

Cyber Security update

Thursday, 26 April 2007 16:30 (30 minutes)

This talk with cover some recent developments
and activities in Cyber Security and Grid security.

Primary author: BUHRMASTER, Gary (SLAC)

Presenter: BUHRMASTER, Gary (SLAC)

Session Classification: Miscellaneous

Contribution ID: **64** Type: **not specified**

SLAC Site Report

Monday, 23 April 2007 16:40 (20 minutes)

SLAC Site Report

Presenter: Mr BOEHEIM, Chuck (SLAC)

Session Classification: Site Reports IV

Contribution ID: **65** Type: **not specified**

Silent Corruptions

Wednesday, 25 April 2007 16:00 (20 minutes)

We report on the progress of ongoing silent data corruptions investigation
at CERN. In the last couple of months, CERN has been systematically
collecting and analysing observations of data corruptions in the CERN
computer centre. Current results and the toolset used in the investigations will be presented.

Primary author: Mr KELEMEN, Peter (CERN)

Presenter: Mr KELEMEN, Peter (CERN)

Session Classification: Storage and File Systems BOF

Contribution ID: **66** Type: **not specified**

Another Word from the Organizers

Tuesday, 24 April 2007 09:00 (15 minutes)

Who do you want to meet today?
We´re setting up the BOF sessions for the afternoon and
we´ll inform you about the evolution of the Agenda.

Primary author: Dr WOLLER, Knut (DESY)

Presenter: Dr WOLLER, Knut (DESY)

Session Classification: Solutions and Architectures I

Contribution ID: **67** Type: **not specified**

CPU Benchmarks, Accounting, and Procurements at GridKa

Friday, 27 April 2007 11:35 (25 minutes)

This talk describes the way CPU benchmark measurements are used in planning of CPU procurements and accounting settings at GridKa.

Primary author: ALEF, Manfred (Forschungszentrum Karlsruhe)

Presenter: ALEF, Manfred (Forschungszentrum Karlsruhe)

Session Classification: Benchmarks II

Contribution ID: **68** Type: **not specified**

Storage and File Systems BOF

Wednesday, 25 April 2007 16:20 (40 minutes)

Session Classification: Storage and File Systems BOF

Contribution ID: **69** Type: **not specified**

SL at CERN

Thursday, 26 April 2007 14:30 (20 minutes)

Primary author: IVEN, Jan (CERN)

Presenter: IVEN, Jan (CERN)

Session Classification: Scientific Linux

Contribution ID: **70** Type: **not specified**

SL Plenary Discussion

Thursday, 26 April 2007 14:50 (40 minutes)

Feedback to and input for the SL developers from the HEPiX community. This may influence upcoming decisions e.g. on distribution lifecycles.

Session Classification: Scientific Linux

Contribution ID: **71** Type: **not specified**

News from the HEPiX Board

Thursday, 26 April 2007 12:45 (10 minutes)

News from Wednesday´s HEPiX Board Meetind and a lookout to
the Fall 2007 HEPiX in St. Louis

Presenters: Mr BOEHEIM, Chuck (SLAC); Mr WOJCIK, Wojciech (IN2P3)

Session Classification: Systems Management II

Contribution ID: **72** Type: **not specified**

Central NAS Service Update

Friday, 27 April 2007 11:15 (20 minutes)

Primary author: SIEH, Connie (FNAL)

Presenter: SIEH, Connie (FNAL)

Session Classification: Benchmarks II

Contribution ID: **73** Type: **not specified**

Plenary Discussion

Friday, 27 April 2007 12:00 (30 minutes)

Session Classification: Benchmarks II