

## GridPP Ops 10/12/19

Attending: Matt, Elena, Brian, Vip, James P, Duncan (trying to join), Robert C, Gordon, Emanuele, Sam

Apologies: Gareth Roy [called away for Datacentre], David C

### Action from previous meetings.

\*190618-02 Raul, Duncan - form a plan for the future of perfsonar for GridPP sites. The spec was provided and widely circulated. Any feedback from people after feeding this to their suppliers?

-I think we can close this action soon? Or at least evolve it.

\*191008-01 David C, plan a "Security Day" event.

[in progress DC]

Timescale ~ Feb 2020 (avoiding half term)

As a reminder; plan is currently to focus on central logging/central suspension and related topics

\*191119-01 - Sites mentioned in dzero ticket [143926](#) to remove dzero from publishing.

#### For the CEs I see:

ce3.dur.scotgrid.ac.uk:2811/nordugrid-SLURM-ce3

ce4.dur.scotgrid.ac.uk:2811/nordugrid-SLURM-ce4

#### and for the SEs I see:

hepgrid11.ph.liv.ac.uk

heplnx204.pp.rl.ac.uk

se01.dur.scotgrid.ac.uk

svr018.gla.scotgrid.ac.uk

**Things are looking better.**

## VO Updates

Atlas (Elena):

ATLAS Software & Computing Week, 2 - 6 Dec 2019

<https://indico.cern.ch/event/823341/>

UKI-SCOTGRID-GLASGOW

ggus 144155 : Lost files at UKI-SCOTGRID-GLASGOW\_DATADISK

ggus 144103: source transfer errors due to "no such file or directory"

The files were finally declared as lost and the tickets have been closed

UKI-SOUTHGRID-SUSX

ggus 142329:CentOS7 migration

Ce is not ready yet

UKI-SOUTHGRID-OX-HEP

ggus 144422: evicted jobs

UKI-SOUTHGRID-RALPP

ggus 144412 : transfer failures with "Operation not supported"

The problem is fixed (/var has been cleaned and services have been restarted). Dashboard looks green now.

UKI-LT2-RHUL

Problem with analysis queue. A new sl7 queue has been setup

UKI-NORTHGRID-SHEF-HEP

To become a storageless site.

<https://its.cern.ch/jira/browse/ADCINFR-147>

The SCRATCHDISK is now fully decommissioned.

### **CMS: (Daniela)**

Right now CMS seems to be mainly arguing with their users about how to not waste computing resources.

There has been no progress of the CMS tickets at Imperial, still waiting for CMS. I might juts close them, that will either get their attention of the problem will go away :-)

Bristol had a wobble on their CE which now seems fixed.

### **LHCB:**

Ongoing issue with RAL (Tier-1).

Minor issues with other sites - handled with GGUS tickets.

“Other” VOs:

DUNE :

glideInWMS configuration for the different sites :

<http://gfactory-2.opensciencegrid.org/factory/monitor/factoryEntryStatusNow.html>

LSST:

LSST ticket at Lancaster: [https://ggus.eu/?mode=ticket\\_info&ticket\\_id=144418](https://ggus.eu/?mode=ticket_info&ticket_id=144418)

Trying to see why a user isn't getting authenticated.

LSST jobs running at Oxford now, run progressing okay.

LZ: is on the final stage of Mock Data Challenge 3.

New VO status:

## General Updates

### Meeting Updates

**LHCB and ATLAS S&C weeks last week.**

**Atlas S&C:** <https://indico.cern.ch/event/823341/>

### Tier 1 Status

Clearing floorspace/ provisioning power in preparation for a new robot.

Issue with partial FTS server failures mitigated against

Adding in extra capacity to Echo

Replacing cms-aaa-proxy hosts

LFC decom ongoing (SNO+)

Decommissioning old ALICE disk Castor instance

Decommissioning Frontier service (ATLAS) from RAL

Plan to upgrade test FTS in January with the additional RPMs needed for TPC for xrootd and http.

### Security Brief

Quiet, NTR

Linda looking to recruit for a Deployment Expert Group

## **Storage and Data Management News**

NTR

## **On Duty Report**

**Technical Update** (was Tier 2 evolution, Accounting, Monitoring, Documentation, Services)

Atlas looking at python3, noticed gfal tools don't work there. Who's maintaining gfal these days? Will investigate.

## **Tickets**

**NTR**

## **Site News**

NTR

## **AOB**

Hello Mike Leech from Oxford!

Is Vidyo not working out anymore? Seems working okay for people using the web version.

## **Actions/Decisions from This Meeting**

**Action on Matt - follow up on gfal2 support (cc-ing in Sam).**

## **Chat Window:**

<https://indico.cern.ch/event/870000/>

not yet

<https://wiki.egi.eu/wiki/PROC12>

Where are the finalised Perfsonar hardware specs documented?

okay thank you

Following on from Martin's suggestion to try AMD, it seems that Dell

R6515 which is 1U

<https://www.dell.com/en-us/work/shop/povw/poweredge-r6515>

or R7515 which is 2U would seem good value. These come with 8 core AMD EPYC 3.2GHz and 3200 MT/s memory. Furthermore they both have one or more PCIe Gen4 slots. So I would like to propose the following initial possible draft specification:

PowerEdge R6515

Chassis with up to 4x3.5" Drives

PowerEdge R6515/R7515 Motherboard, with 2 x 1Gb Onboard LOM (BCM5720) AMD EPYC 7262 3.20GHz, 8C/16T, 128M Cache (155W) DDR4-3200

(2) 16GB RDIMM, 3200MT/s, Dual Rank

(2) 240GB SSD SATA Mixed Use 6Gbps 512e 2.5in Hot plug, 3.5in HYB CARR S4610 Dual, Hot Plug, Redundant Power Supply (1+1), 550W iDRAC9, Enterprise X5 Mellanox ConnectX-5 Dual Port 10/25GbE SFP28 Adapter, PCIe Low Profile

and then those sites needing 40G/100G could buy this in addition:

Mellanox ConnectX-5 EX Dual Port 40/100GbE QSFP28 Adapter, PCIe Low Profile;

The Dell website indicates the cost would be about £4000 for the basic version and about £5400 with the extra 100G card.

The vendor-neutral version is

AMD EPYC 7262 3.20GHz, 8C/16T, 128M Cache (155W) DDR4-3200

(4) 8GB RDIMM, 3200MT/s, Single Rank

(2) 240GB SSD SATA

Dual, Hot Plug, Redundant Power Supply (1+1)  
Mellanox ConnectX-5 Dual Port 10/25GbE SFP28 Adapter, PCIe Low Profile

and then those sites needing 40G/100G would buy this in addition:

Mellanox ConnectX-5 EX Dual Port 40/100GbE QSFP28 Adapter, PCIe Low Profile

Vip posted an older version

Also here

<https://docs.google.com/document/d/1c7JcM3lppHRAjDzP0dJS6wpJRih9S11G9GdFzQMooGU/edit#heading=h.2v7eeewziynu>

i have no problems with vidyo

Thanks,bye