WLCG Service Report
4 weeks Nov 17 – Dec 15

v1.1

WLCG Management Board, 16th Dec 2014

Maarten Litmaath

IT/SDC

Operations Coordination highlights

- Details in Ops Coord report of Dec 10 GDB
- WLCG operations site survey
- WLCG critical services review
- Argus Future and Support meeting Dec 11
  - See dedicated presentation in this MB
- Successful transition to the new VOMS servers
  - UI configurations needed to be fixed in various places
  - VOMRS to VOMS-Admin migration planned for Jan
- Steady progress in the various TF and WG

- Monitoring Consolidation
  - Successful transition to SAM-3
    - Used for A/R from now on

Selected items from operations (1/2)

- ATLAS
  - Jamboree Dec 3-5
  - Migrated to Rucio and ProdSys2 on Dec 1
    - Further debugging and tuning ongoing
  - Lowish activity
    - Also waiting for Run 2 MC campaign SW readiness
  - ~600k files accidentally deleted Nov 24-27 due to Rucio configuration issue
    - 50k files had a single replica, ~250 datasets affected
    - Can all be regenerated as needed
    - Deletion activities have been slowed down and carefully monitored for a while → disks got quite full

Selected items from operations   (2/2)

- LHCb Run 1 Legacy campaign underway
- ALICE: continuous high activity
- CMS: lowish activity
- CERN: communication from SNow to GGUS works again
  - now with TLS
- Usual best-effort activities foreseen during the end-of-year break
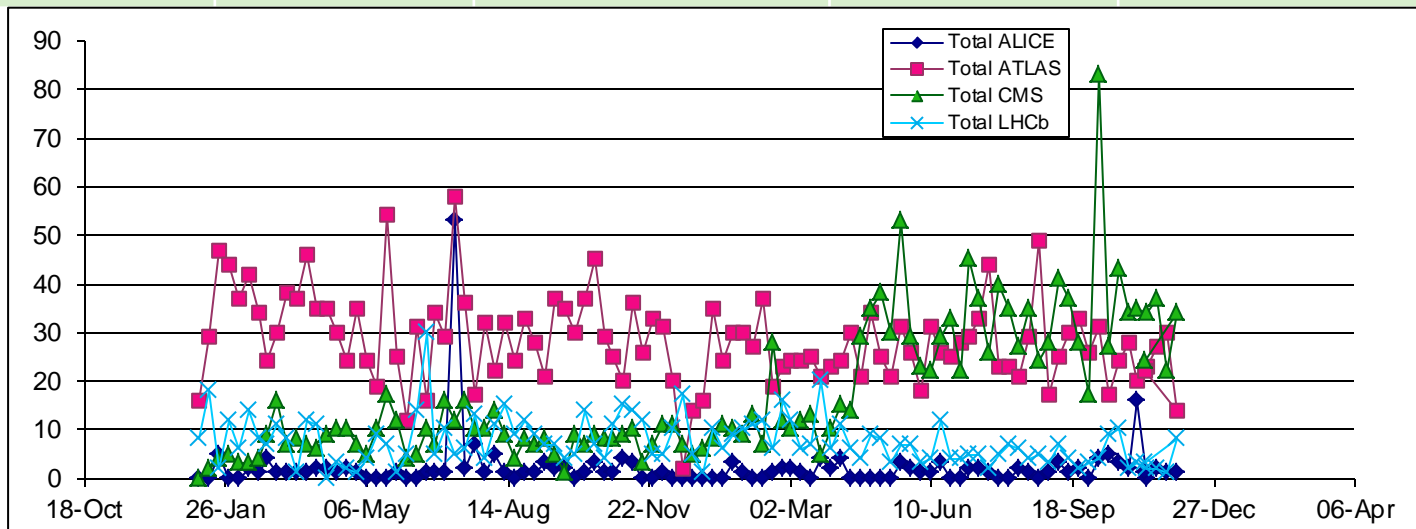
Service incident reports

- IN2P3
  - Network incident affected all VOBOXes
  - ~1700 ALICE jobs were lost

IT-SDC

GGUS summary (4 weeks 17/11/14 -14/12/14)
by Pablo Saiz

VO	User	Team	Alarm	Total
ALICE	5	0	0	5
ATLAS	32	71	0	103
CMS	115	2	0	117
LHCb	1	13	0	14
Totals	153	86	0	239

Significant events

- GGUS release on 10th December
  - Prefixing EGI support units with EGI
  - Changes for other VOs
  - Next release scheduled for 28th January
- No real alarms during this period

Availability of WLCG Tier-0 + Tier-1 Sites

ALICE

Target Availability for each site is 97.0%. Target for 8 best sites is 98.0%

Availability Algorithm: CREAM-CE + ARC-CE

Site	Avail	Unkn
CERN	Avail: 100%	Unkn: 0%
CCIN2P3	Avail: 100%	Unkn: 0%
CNAF	Avail: 100%	Unkn: 0%
FZK	Avail: 100%	Unkn: 0%
KISTI_GSDC	Avail: 100%	Unkn: 1%
NIKHEF	Avail: 100%	Unkn: 0%
RAL	Avail: 100%	Unkn: 0%
RRC_KI_T1	Avail: 100%	Unkn: 0%
SARA	Avail: 95%	Unkn: 0%

https://espace2013.cern.ch/WLCG-document-repository/ReliabilityAvailability

8

Availability of WLCG Tier-0 + Tier-1 Sites

ATLAS

Target Availability for each site is 97.0%. Target for 8 best sites is 98.0%

Availability Algorithm: (OSG-CE + CREAM-CE + ARC-CE) * (all SRMv2 + all OSG-SRMv2)

Site	Avail	Unkn
CERN-PROD	98%	0%
BNL-ATLAS	100%	1%
FZK-LCG2	90%	1%
IN2P3-CC	100%	1%
INFN-T1	100%	1%
NDGF-T1	100%	1%
NIKHEF-ELPROD	99%	1%
RAL-LCG2	99%	1%
RRC-KI-T1	54%	1%
SARA-MATRIX	95%	1%
TRIUMF-LCG2	100%	1%
Taiwan-LCG2	91%	3%
pic	100%	1%

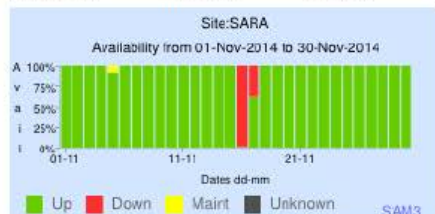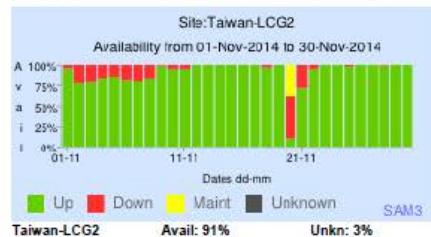https://espace2013.cern.ch/WLCG-document-repository/ReliabilityAvailability
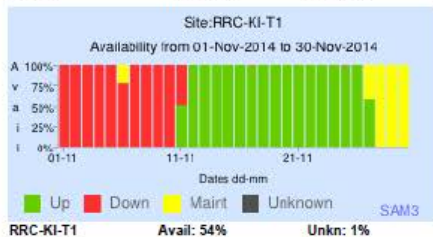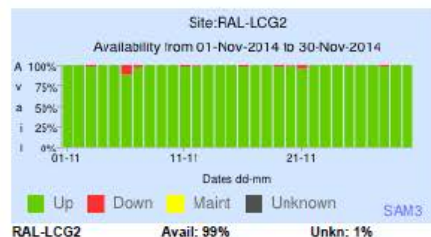
Availability of WLCG Tier-0 + Tier-1 Sites

CMS

November 2014

Target Availability for each site is 97.0%. Target for 8 best sites is 98.0%

Availability Algorithm: (OSG-CE + CREAM-CE + ARC-CE) * (all SRMv2 + all OSG-SRMv2)

Site:T0_CH_CERN
Availability from 01-Nov-2014 to 30-Nov-2014

Up | Down | Maint | Unknown — SAM3

| T0_CH_CERN | Avail: 100% | Unkn: 0% |

Site:T1_DE_KIT
Availability from 01-Nov-2014 to 30-Nov-2014

Up | Down | Maint | Unknown — SAM3

| T1_DE_KIT | Avail: 100% | Unkn: 0% |

Site:T1_ES_PIC
Availability from 01-Nov-2014 to 30-Nov-2014

Up | Down | Maint | Unknown — SAM3

| T1_ES_PIC | Avail: 100% | Unkn: 2% |

Site:T1_FR_CCIN2P3
Availability from 01-Nov-2014 to 30-Nov-2014

Up | Down | Maint | Unknown — SAM3

| T1_FR_CCIN2P3 | Avail: 98% | Unkn: 2% |

Site:T1_IT_CNAF
Availability from 01-Nov-2014 to 30-Nov-2014

Up | Down | Maint | Unknown — SAM3

| T1_IT_CNAF | Avail: 100% | Unkn: 2% |

Site:T1_RU_JINR
Availability from 01-Nov-2014 to 30-Nov-2014

Up | Down | Maint | Unknown — SAM3

| T1_RU_JINR | Avail: 100% | Unkn: 0% |

Site:T1_TW_ASGC
Availability from 01-Nov-2014 to 30-Nov-2014

Up | Down | Maint | Unknown — SAM3

| T1_TW_ASGC | Avail: 97% | Unkn: 5% |

Site:T1_UK_RAL
Availability from 01-Nov-2014 to 30-Nov-2014

Up | Down | Maint | Unknown — SAM3

| T1_UK_RAL | Avail: 98% | Unkn: 0% |

Site:T1_US_FNAL
Availability from 01-Nov-2014 to 30-Nov-2014

Up | Down | Maint | Unknown — SAM3

| T1_US_FNAL | Avail: 100% | Unkn: 0% |

https://espace2013.cern.ch/WLCG-document-repository/ReliabilityAvailability

Availability of WLCG Tier-0 + Tier-1 Sites

LHCB

Target Availability for each site is 97.0%. Target for 8 best sites is 98.0%
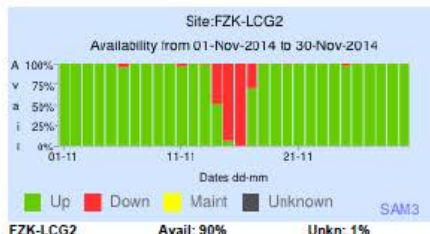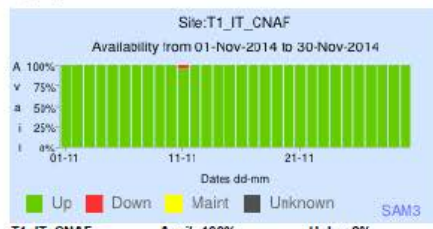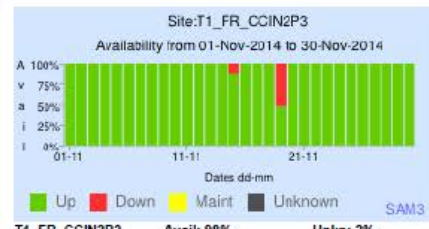
Availability Algorithm: (CREAM-CE + ARC-CE) * all SRMv2

Site:LCG.CERN.ch — Availability from 01-Nov-2014 to 30-Nov-2014
LCG.CERN.ch   Avail: 96%   Unkn: 0%

Site:LCG.CNAF.it — Availability from 01-Nov-2014 to 30-Nov-2014
LCG.CNAF.it   Avail: 100%   Unkn: 0%

Site:LCG.GRIDKA.de — Availability from 01-Nov-2014 to 30-Nov-2014
LCG.GRIDKA.de   Avail: 100%   Unkn: 0%

Site:LCG.IN2P3.fr — Availability from 01-Nov-2014 to 30-Nov-2014
LCG.IN2P3.fr   Avail: 100%   Unkn: 2%

Site:LCG.NIKHEF.nl — Availability from 01-Nov-2014 to 30-Nov-2014
LCG.NIKHEF.nl   Avail: 100%   Unkn: 0%

Site:LCG.PIC.es — Availability from 01-Nov-2014 to 30-Nov-2014
LCG.PIC.es   Avail: 100%   Unkn: 0%
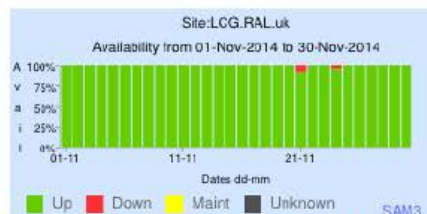
Site:LCG.RAL.uk — Availability from 01-Nov-2014 to 30-Nov-2014
LCG.RAL.uk   Avail: 100%   Unkn: 0%

Site:LCG.RRCKI.ru — Availability from 01-Nov-2014 to 30-Nov-2014
LCG.RRCKI.ru   Avail: 100%   Unkn: 0%
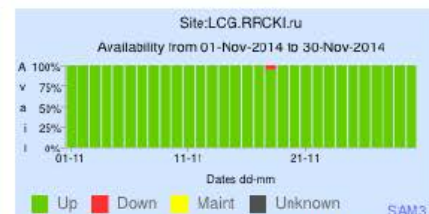
Site:LCG.SARA.nl — Availability from 01-Nov-2014 to 30-Nov-2014
LCG.SARA.nl   Avail: 95%   Unkn: 0%

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