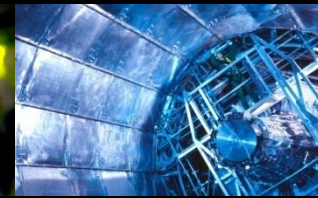
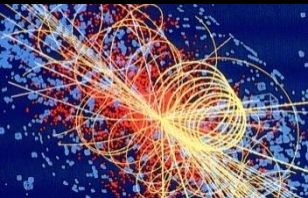


# Status January&February 2014

Information System meeting with users

18th February 2014



# Performed releases

- None
- No BDII tickets opened in the last two months
  - Except a couple of tickets related to CERN BDII performance
    - Root cause never identified, affected only one or two machines behind the alias, everything OK after restart

# BDII deployment status

<https://wlcg-mon.cern.ch/dashboard/request.py/siteview#currentView=BDII+deployment>

Site Name	bdii 5.2.10	bdii 5.2.12	bdii 5.2.13	bdii 5.2.17	bdii 5.2.20	bdii 5.2.21	bdii 5.2.22	BDII Endpoints
bdii_site	4	53	1	1	4	9	258	330
bdii_top	1	10	4	4	6	3	60	87

# GLUE deployment status

<https://wlcg-mon.cern.ch/dashboard/request.py/siteview#currentView=Glue+Deployment>

Site Name	GLUE 1 DNs	GLUE 1 Data Size	GLUE 2 DNs	GLUE 2 Data Size	GLUE 1 Sites	GLUE 2 Sites	GLUE 1 Endpoints	GLUE 2 Endpoints	GLUE 1 Endpoint Types	GLUE 2 Endpoint Types	GLUE 2 Services	GLUE 2 Service Types	Non obsolete GLUE 2 SW tags
lcg-bdii	59642	60MB	122730	113MB	376	328	7839	4494	54	54	1953	33	30931

- Planning to add a view per site
  - Does it publish GLUE 1?
  - Does it publish GLUE 2?
  - How many GLUE 1 endpoints?
  - How many GLUE 2 endpoints?
  - Check for CE/SE whether they are published in GLUE 2

# EPEL

- No progress from my side
- Mattias Ellert still active and has prepared bdii release in EPEL 7
  - [http://dl.fedoraproject.org/pub/epel/beta/7/x86\\_64/bdii-5.2.22-1.el7.noarch.rpm](http://dl.fedoraproject.org/pub/epel/beta/7/x86_64/bdii-5.2.22-1.el7.noarch.rpm)

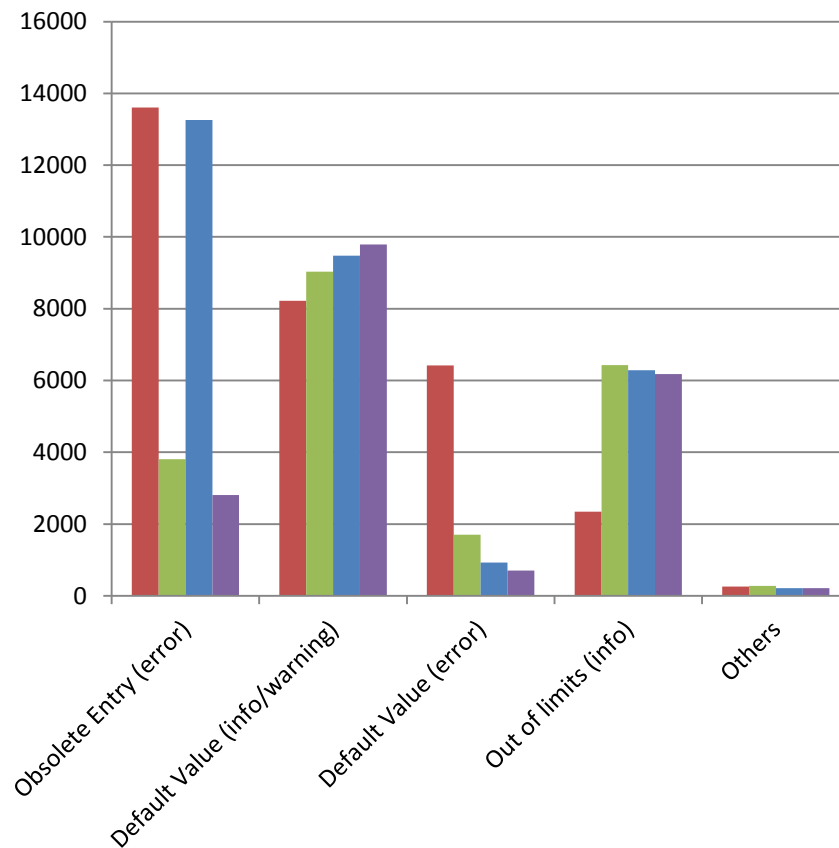
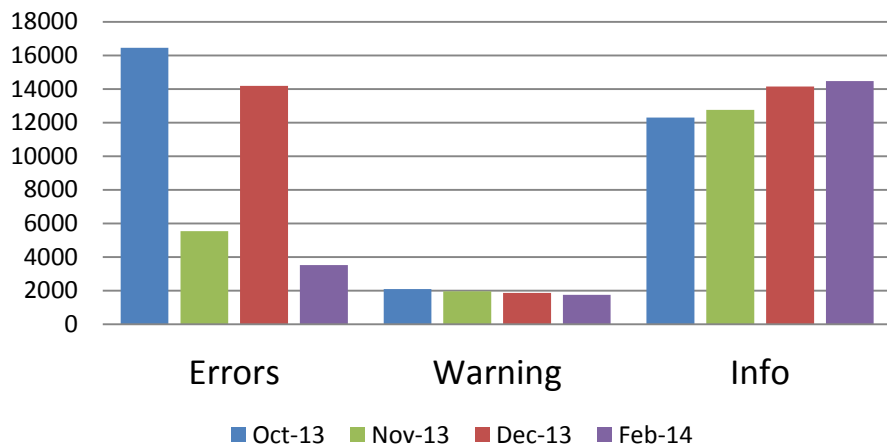
# GLUE 2 validation for sites

Site Name	EGI profile for GLUE2 validation	Obsolete Entries	GGUS ticket for obsolete entries
Australia-ATLAS	INFO	0	None
BEIJING-LCG2	INFO	0	None
BEgrid-ULB-VUB	OK	0	None
BUDAPEST	WARNING	0	None
BelGrid-UCL	INFO	0	None
CA-MCGILL-CLUMEQ-T2	INFO	0	None
CA-SCINET-T2	ERROR	0	99119
CA-VICTORIA-WESTGRID-T2	INFO	0	None
CBPF	ERROR	10	100908
CERN-PROD	WARNING	0	None
CIEMAT-LCG2	INFO	0	None
CSCS-LCG2	ERROR	38	None
CYFRONET-LCG2	WARNING	0	None
DESY-HH	WARNING	0	None
DESY-ZN	WARNING	0	None
EELA-UNLP	INFO	0	None

- Monitored in the dashboard for REBUS sites
  - It automatically opens GGUS tickets
  - On going campaign: Obsolete entries (quite succesful!)
  - Next campaign: 444444 WaitingJobs

# GLUE 2 validation for sites

GLUE 2.0 Site Validation (exclude-known-issues)



# GLUE 2 validation in EGI

- EGI plans to deploy glue-validator in production
  - Two weeks ago only missing 10 sites to reach 75% of sites OK
    - This is the threshold that needs to be reached to deploy the probe in production
    - I provided a list of sites with higher number of errors to try to reduce those ones
    - Status unknown, waiting for EGI feedback



# Specific VO GLUE 2 validation

- LHCb
  - Max CPU Time
    - <https://wlcg-mon/dashboard/request.py/siteview#currentView=Glue+Validator+LHCb>
  - SRM vs BDII storage for T1s
    - <https://wlcg-mon/dashboard/request.py/siteview#currentView=BDII+vs+SRM+LHCb+Storage>
    - To be added T2s
- CMS
  - Trying to understand how to monitor total numbers for storage

# GLUE 1 to GLUE 2 migration

- Contacted EGI for GLUE 1 phase out
  - Many things query GLUE 1!
    - A specific plan is needed to migrate to GLUE 2
  - No news from EGI
- On going ginfo improvements
  - To make it look more like lcg-info/lcg-infosites
  - I'll send new version to the list when it is ready

# Cloud resources in the BDII

- A plan was presented at the last Fed Cloud meeting
  - <https://indico.egi.eu/indico/getFile.py/access?contribId=0&sessionId=1&resId=1&materialId=slides&confId=1986>
- February 2014 - Publish data into Top-BDII
  - Contacted EGI to know whether this is the case
- March 2014 - Update information schema with OS and resource template information
- September 2014 - GLUE 2.1 approved by OGF
- October 2014 – GLUE 2.1 schema updates implemented into Top and Site BDII
  - This will require a minor update in the BDII
- December 2014 – Cloud specific entities published by cloud sites.

# VO tags cleaning

- VO Tags cleaning ongoing with LHCb and ATLAS
  - Most of the tags have been deleted
    - For ATLAS all tags could be deleted
    - For LHCb, all except the pilot SW tag
- In contact with sites where SW tags cannot be deleted for some technical reasons
  - [https://twiki.cern.ch/twiki/bin/view/EGEE/GLUEM\\_onitoring#Cleaning\\_SW\\_Tags](https://twiki.cern.ch/twiki/bin/view/EGEE/GLUEM_onitoring#Cleaning_SW_Tags)

# CMS Information System

- Evaluating whether AGIS could be used or adapted for a CMS Information System
- Talking to people in CMS (CRAB, WMAgent, Data Management, SAM, etc) to collect use cases
  - Information is maintained manually and duplicated in many places
    - A lot of direct contact with the sys admins by different groups of people within CMS
  - The BDII is used even if we think it wasn't!
    - It is used in the Glidein Factory configuration file