UMD 2 Decommissioning Status

Cristina Aiftimiei

EGI.eu

- UMD 2:
  - Decommissioning Calendar
  - Status Update

Decommissioning Calendar

- **UMD 2 EOL– April 2014**
- Since Nov. 2013 – raise the awareness of the approaching End of Security Support of UMD(EMI) 2 services and the need to plan a massive decommissioning/migration process:
- Official Calendar
  - https://wiki.egi.eu/wiki/Software_Retirement_Calendar%23EMI_2
  - end of Jan 2014
    - **05/02/2014** - broadcast was sentto sites
      - https://operations–portal.egi.eu/broadcast/archive/id/1080
    - ROD alarm template was provided:
      - https://wiki.egi.eu/wiki/ROD_MW_alarm_template%23EMI_2_retirement_campaign
    - And the list of affected middleware versions
  - end of Feb. 2014
    - **12/03/2014** – started to raise alarms for UMD 2 services
      - https://ggus.eu/?mode=ticket_info&ticket_id=101888
    - description of SAM probes was provided
      - https://wiki.egi.eu/wiki/MW_Nagios_tests%23EMI–2_tests
  - end of May 2014
    - **Sites must open a downtime for the UMD-2 services (excluding dCache) still deployed. Sites who fail to do so are eligible for suspension**
    - **All sites should have reported upgrade or decommission plans for UMD-2 services in their tickets,**

UMD2 Relevant Services

- Relevant services:
  - using specific SAM probes
    - ARC, DPM, STORM, WN
  - using generic SAM probe (MiddlewareVersion=2.*)
    - **APEL**, ARGUS, BDII(site, top), CREAM, LB, LFC(local,central), MyProxy, VOMS, WMS
- Exception:
  - dCache 2.2.x supported until July 2014

APEL migration

- Critical step for the migration of CEs is the update of the APEL clients
  - The same site *cannot* have APEL clients from UMD-3 and UMD-2 publishing in parallel accounting data
- Possible options:
  - Upgrade every CE with the APEL clients together
  - Upgrade APEL first, EMI2 CREAM has been successfully tested with EMI3 APEL clients
  - Deploy EMI3 CREAM with EMI2 APEL
    - Theoretically it works, it has been tested by SA2 and the results are available in a wiki page
    - We don't really recommend it, AND **APEL EMI 2 IS NO MORE SUPPORTED**
- **Tutorial on APEL migration at EGI CF 2014:**
  - **Migrating from the EMI2 to EMI3 APEL Client**
- **PROBLEM:**
  - **We still have ~49 sites publishing accounting data using APEL 2 clients**
  - **See http://goc-accounting.grid-support.ac.uk/consumer/**

Status Update

- ## Number of instances to be decommissioned:

Service Type	As of March 7th	As of April 23rd	As of May 14th	As of May 27th	As of June 2nd
ARC-CE	11*	0	0	0	0
BDII_site	159	41	29	16	11
CREAM	220	55	45	32	14
DPM	127	38	22	11	8
StoRM	4	2	2	0	0
VOMS	9	4	3	2	0
WMS	7	5	4	3	3
Sites with WNs	130	52	35	24	7

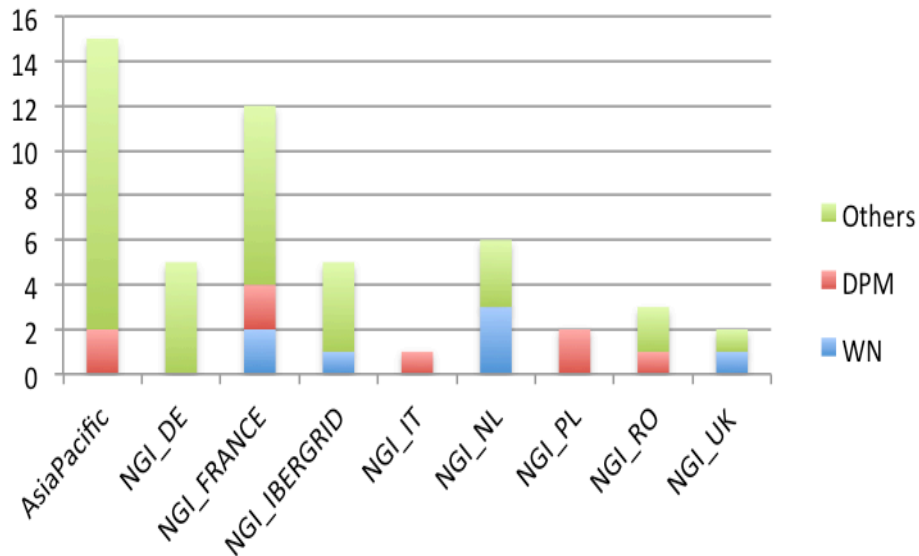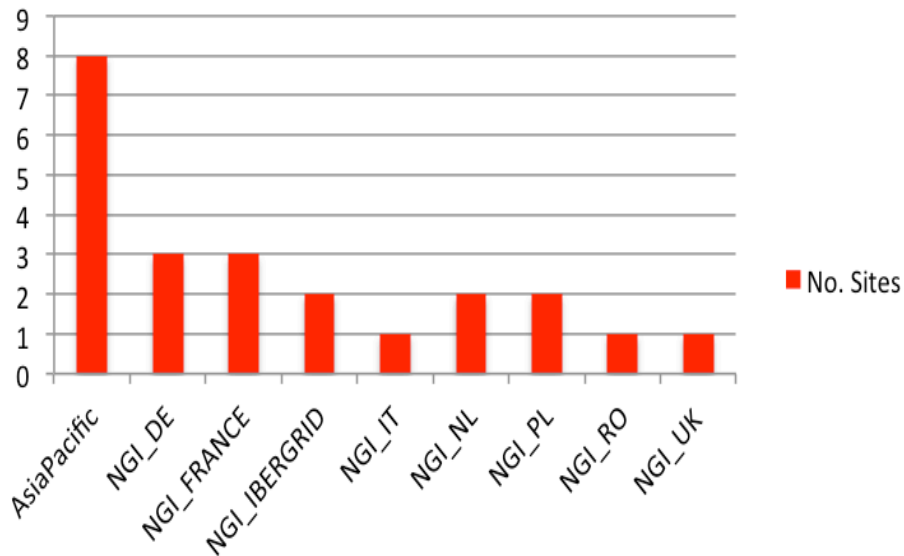Reference:
http://bit.ly/UMD2_nodes

Other numbers:
- ARGUS – 3
- APEL - 18
- BDII top – 1
- LFC – 1 (local)

UMD2 Endpoints - 02/06/2014

No. Sites

Conclusions

- Reports received:
  - NGI_AEGIS
    - all sites upgraded
    - Due to a special setup - 1 central APEL instance publishing accounting for all sites – the migration to EMI 3 was followed with APEL team
  - NGI_UK
    - site is finishing with the last EMI 2 service (APEL)
    - Following up through GGUS – RHUL, Manchester, UCL – EMI 2 APEL clients update
  - NGI_NL (BEgrid-ULB-VUB)
    - update this week – CE, APEL client, WNs
    - Update next week – ARGUS, BDII-site, SE
    - Will put site in downtime
- Waiting for other reports
- **ALL UMD 2/EMI 2 sites should be in DOWNTIME**