

UMD 2 Decommissioning Status

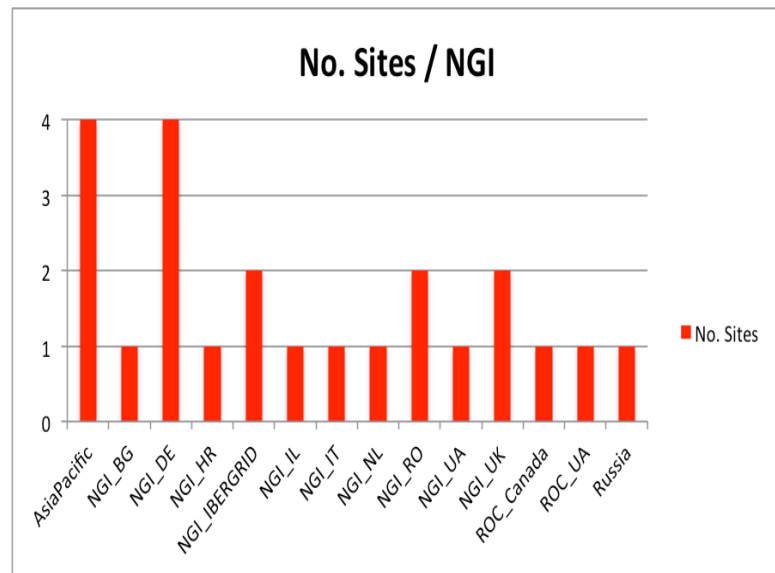
Cristina Aiftimiei
EGI.eu

- UMD 2:
 - Decommissioning Calendar
 - Status Update

- **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](https://wiki.egi.eu/wiki/Software_Retirement_Calendar%23EMI_2)
 - **end of Jan 2014**
 - **05/02/2014** - broadcast was sent to 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,**

- 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

- 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 ~23 sites publishing accounting data using APEL 2 clients
 - See <http://goc-accounting.grid-support.ac.uk/consumer/>



- Number of instances to be decommissioned:

Service Type	As of March 7 th	As of April 23 th	As of May 14 th	As of May 27 th	As of June 2 nd	As of June 16 th
ARC-CE	11*	0	0	0	0	0
BDII_site	159	41	29	16	11	4
CREAM	220	55	45	32	14	7
DPM	127	38	22	11	8	1
StoRM	4	2	2	0	0	0
VOMS	9	4	3	2	0	0
WMS	7	5	4	3	3	2
Sites with WNs	130	52	35	24	7	7

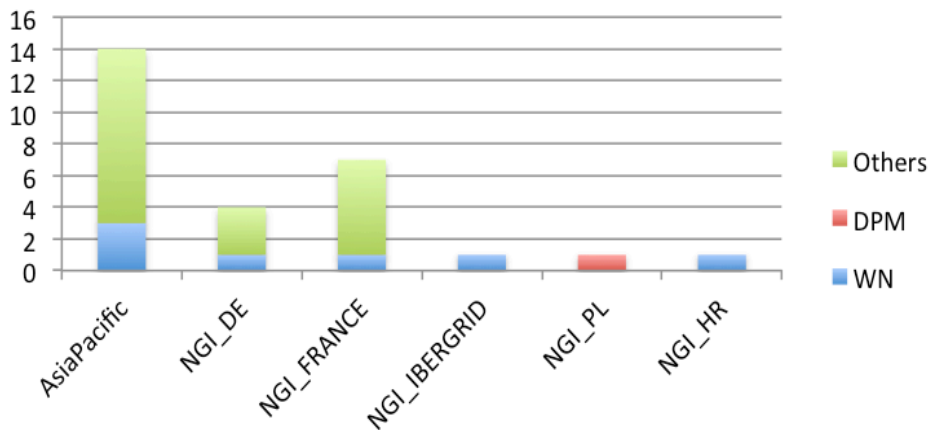
Reference:

http://bit.ly/UMD2_nodes

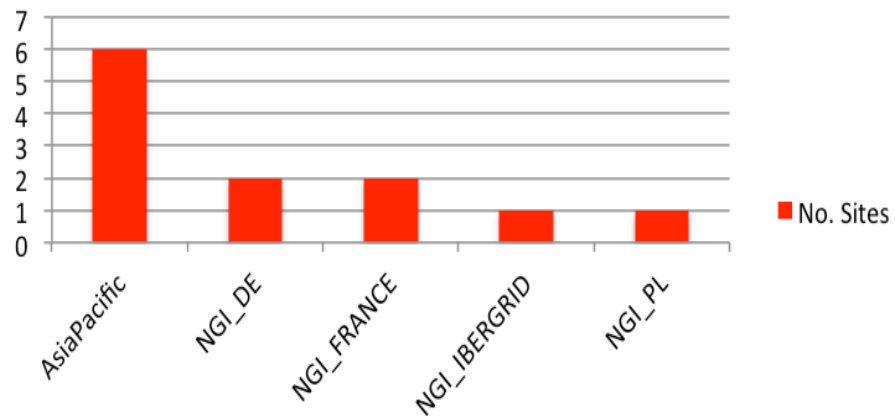
Other numbers:

- ARGUS – 1
- APEL - 9
- BDII top – 1

UMD2 Endpoints - 16/06/2014



No. Sites



- NGIs providing UMD2 services:
 - **AsiaPacific**
 - TW-eScience, Taiwan-LCG2, IN-DAE-VECC-02, TW-EMI-PPS, IN-DAE-VECC-02, TOKYO-LCG2, TW-NCUHEP (in downtime)
 - **NGI_DE**
 - TUDresden-ZIH (in downtime), GoeGrid
 - **NGI_FRANCE**
 - GRIF (2 hosts in downtime), IN2P3-IRES
 - **NGI_IBERGRID**
 - UB-LCG2 (in downtime)
 - **NGI_PL**
 - ICM (in downtime)
- **ALL UMD 2/EMI 2 sites MUST be in DOWNTIME**