

UMD 2 Decommissioning Status

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- 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.eqi.eu/wiki/Software Retirement Calendar%23EMI 2](https://wiki.eqi.eu/wiki/Software_Retirement_Calendar%23EMI_2)
 - **end of Jan 2014**
 - **05/02/2014** - broadcast was sent to sites
 - <https://operations-portal.eqi.eu/broadcast/archive/id/1080>
 - ROD alarm template was provided:
 - https://wiki.eqi.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.eqi.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,**
 - NGIs are encouraged to report problematic/unresponsive sites to EGI Operations in order to spot any blocking issue..

- 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
- **Tutorial on APEL migration at EGI CF 2014:**
 - [Migrating from the EMI2 to EMI3 APEL Client](#)



Status Update

- 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
ARC-CE	11*	0	0	0
BDII_site	159	41	29	16
CREAM	220	55	45	32
DPM	127	38	22	11
StoRM	4	2	2	0
VOMS	9	4	3	2
WMS	7	5	4	3
Sites with WNs	130	52	35	24

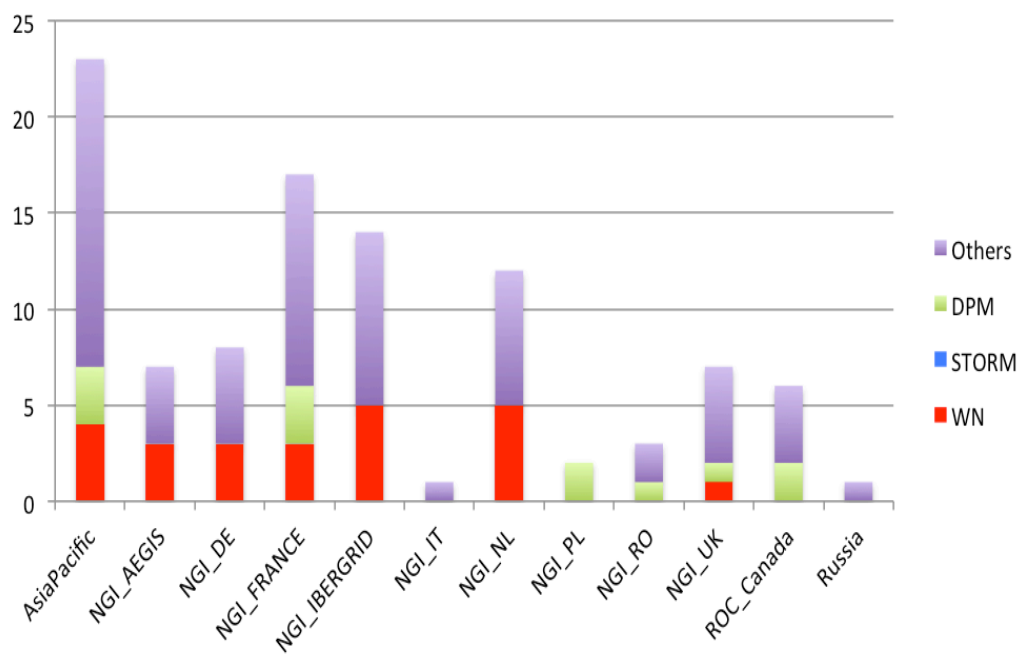
Reference:

http://bit.ly/UMD2_nodes

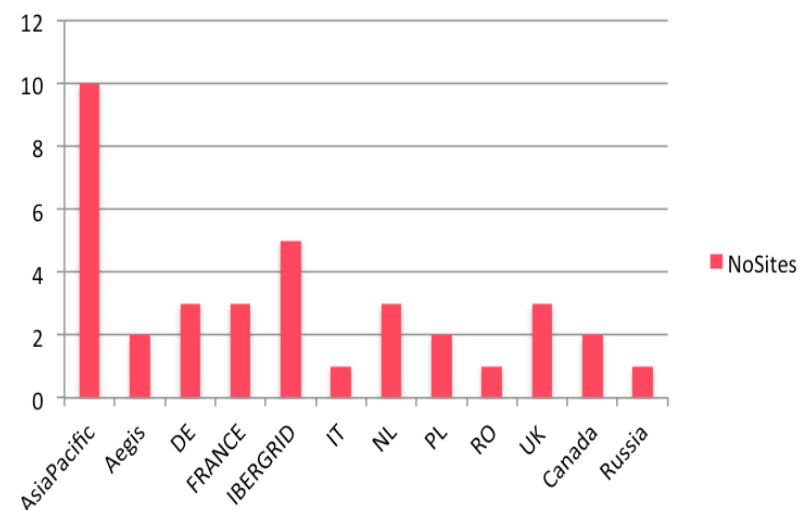
Other numbers:

- ARGUS – 3
- APEL - 32
- BDII top – 1
- LFC – 2 (local)

UMD2 Endpoints - 27/05/2014



NoSites/NGI - 27/05/2014



- NGI were contacted in order to provide more information regarding the “late” sites
 - There is now 1 NGI with 10 UMD 2 services
 - By the end of the month sites with UMD 2 services should open downtimes
 - Notes from NGIs:
 - 1 issue reported after VOMS migration
 - [GGUS #104702](#) - SOLVED
 - Upgrade planned for week 12-16/05
 - Waiting for new hardware (1 site) – UPGRADE DONE
 - Most of sites – will upgrade by end of May

