

Status of SW provisioning for UMD2

Task SA1.3
Mario David

- Priority wiki table presented in last OMB:
 - https://wiki.egi.eu/wiki/EMI2priorities#EMI_2_priorities:_proposal
- SW provisioning dashboard:
 - <https://rt.egi.eu/rt/Dashboards/260/Software%20Provisioning%20Dashboard>



SW provisioning status for UMD2

Product	Priority – 3 = high	SW prov. status	Comments
ARC2	3	IN Verification	In SL5 and SL6, Debian starting
UNICORE	3	IN Verification	Debian
CREAM	3	IN Verification -> Staged Rollout	SL5 and SL6
CREAM-Torque	3	IN Verification -> Staged Rollout	SL5 and SL6
CREAM-SGE	3	IN Verification	SL5, for SL6 not yet started
CREAM LSF	3	Unverified	not yet started
dCache	3	Unverified	not yet started
DPM	3	Staged Rollout	SL6
LFC	3	Unverified	not yet started
StoRM	3	Staged Rollout	SL5 and SL6
Torque serv	3	IN Verification	SL5 and SL6
UI	3	Staged Rollout	SL5 and SL6
VOMS	3	IN Verification	SL6
WN	3	IN Verification -> Staged Rollout	SL5 and SL6



SW provisioning status for UMD2

Product	Priority	SW prov. status	Comments
APEL	2 = Medium	Unverified	
ARGUS	2 = Medium	Unverified	
BDII – site, top	1 = Low	Staged Rollout	SL6 while SL5 same version as in UMD1
LB	1 = Low	Unverified/Staged rollout	SL6/SL5
MPI	1 = Low	INVerification/StagedRollout	SL6/SL5
MyPROXY	1 = Low	Unverified	
AMGA	Not set	Unverified	
CLUSTER	Not set	INVerification/StagedRollout	SL6/SL5
EMIR	Not set	Unverified/INVerification	SL5/SL6
GLExec	Not set	Unverified/Staged rollout	SL6/SL5
NAGIOS probes	Not set	Unverified	
Pseudonymity	Not set	Unverified	
WNodes	Not set	Unverified	

- The status of EMI2 products under SW provisioning:
 - <https://rt.egi.eu/rt/Dashboards/260/Software%20Provisioning%20Dashboard>
- Products under Verification now will come soon to staged rollout.
- All products have been released for SL5 and SL6.
- UNICORE and ARC also for Debian6.
- Most of the products in SL5, support upgrade and reconfiguration from the EMI1 versions.
- In some cases, I have been also notifying EAs committed only for EMI1 products.
- It's always up to the EA to accept or reject any given test.
- Any product released for one of the OSs should be released for the others OS(s). We are presently verifying and doing staged rollout of SL5 and SL6 almost in parallel for any given product.
- BDII-site, BDII-top, LFC and DPM in SL5 will not go under SW provisioning, but will pass directly to the release area, this is because the versions already released in production in EMI1 and UMD1 are the same, as the ones in EMI2 -> UMD2.

- Creation of the RT tickets upon a technology provider (TP) release:
 - Previously: the TP submit a GGUS ticket containing all information about the release, triggering the creation of the EGI RT tickets.
 - Now: SA2 and SA1.3, compile this information and trigger the RT ticket creation.
 - Lower the delay that could happen due to the TP time constraints to initiate the process.
- EGI RT tickets for each product:
 - Previously: RT queue “sw-rel” to track the verification process, after “staged-rollout” queue to track the staged rollout.
 - Now: only “sw-rel” to track both the verification and staged rollout.
 - Allow closer (more direct) communication between Verifiers and EAs.
 - All process in one ticket, for each product.
- UMD repositories:
 - Previously: automatic creation of volatile repositories, each one containing only the packages corresponding to a given product.
 - Now: fixed and permanent repositories containing all packages (all products) belonging to a given release of the TP. May contain more than one version of any given package. (The volatile repositories still created, but this will be deprecated in the near future).
 - SA2 will provide the configuration not only for the “base” and “updates” (production) repositories but as well as those new repositories (disabled by default).

- New repositories:
 - All sites can use to get the new versions from the moment they are available from the TPs.
 - <http://repository.egi.eu/sw/testing/umd/<UMD version>/<OS>/<ARCH>/>
 - <http://repository.egi.eu/sw/untested/umd/<UMD version>/<OS>/<ARCH>/>
 - Repo “testing” contains all packages of products under staged rollout at any given moment.
 - Repo “untested” contains all packages of products under verification at any given moment.
 - These repositories can already be used today.

- Proposal/Discussion:
 - UMD2 first release -> 10 July
 - All high priority products (if successful in verification and staged rollout).
 - UMD2 2nd release -> 30 July
 - All products with lower priority
 - From this point onwards:
 - Quarterly release schedule:
 - 30 October 2012.
 - 30 January 2013.
 - ...
 - Intermediate releases for urgent bug fixes and security vulnerabilities.
 - Any site wanting the new versions can enable the “testing” and/or “untested” repositories at any given time.