

# Impact of EMI 2 on Staged Rollout and Software Provisioning

Task SA1.3  
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- No EA's anymore.
- If there is any new security update, we will contact sites for staged rollout of the update.
- DPM: extension of support under discussion and a possible new release soon.

- Questions:
  - Some products are backward compatible between EMI1 and EMI2!
    - Then UMD continues with major version 1 (no UMD2).
    - No separation between EAs for EMI1 and EMI2.
  - Others not!
    - Would need a new UMD major version! → **New repositories.**
    - A fix for a given product may be done in BOTH major releases.
  - New upcoming products in EMI2:
    - May need new UMD major version! → **New repositories**
    - Will need EAs for them.

- Treat as MW in a new OS
- Some EAs already volunteered for them, but will need more:
  - <https://www.egi.eu/earlyAdopters/teams>
  - Table not yet updated will do so in the next days.
- Adoption of clients (UI and WN) depend mostly from users and applications.



# SR – EMI2 in Debian

- All ARC and UNICORE products?
- Overall EMI clients – included “***most or all***” client MW: for the emi-ui and emi-wn.
- Request for EAs to do staged rollout.

# Summary: Staged rollout

- Early adopters:
  - We need more EAs for sl6 and debian.
  - Send mail to: [david@lip.pt](mailto:david@lip.pt) and [jpina@lip.pt](mailto:jpina@lip.pt) (João Pina is my deputy), based on Peter's survey, sites/NGI's interested in.
- We need also to think about the support timeframe in EGI operations.
  - Same timeframe as EMI?
  - More, which versions, which products?
  - Periodically collect metrics about which products and versions are in production and decide based on that!

- New proposal for SW provisioning of MW
- <https://wiki.egi.eu/wiki/UMD:Provisioning:Proposal> SR
- **Need further comments from SA1 and NOC managers to iron out.**

- Already implemented:
  - Staged-rollout RT queue merged into sw-rel last week -> CA 1.47 provisioning in the new merged queue.
    - All “players” (SA2 verifiers and EA teams) in the same ticket, improvement and tighter communication.
    - Technical simplification.
    - Only 1 ticket reference in release notes, full history of the SW provisioning in one place.
  - release.xml – tool under development for SA2.3 and SA1.3 to produce the information about each product-platform-architecture that undergoes the SW provisioning.
    - XML containing all information about a product: packages and dependencies (all RPM’s or DEB’s), tech. provider, release notes reference, version, platform, architecture.
    - The movement of packages/dependencies between repositories is done based on this XML file.
    - Used in tracking each product release.



- Work undergoing to have static publicly known repositories:
  - **base** repository:
    - containing the packages of a major UMD release. Already exists in the current structure.
  - **updates** repository
    - containing all updates or minor releases of a given major UMD release. Several versions of the packages are accumulated here. Also already in place.
  - **untested repository (New repository): not in the proposal, but suggested by SA2.**
    - contains all packages from the moment they are released by the technology providers.
  - **testing repository (New repository):**
    - packages under the SW provisioning tests – verification and staged rollout
  - **rc** repository: *Release Candidate* repository
    - will serve to cache packages/products that underwent successfully the verification and staged rollout steps.

- New SW provisioning:
  - An opportunity to move forward when EMI and IGE ends: packages distributed through EPEL.
  - Need more comments/feedback.
  - If/when approved by the OMB should already take into account “packages distributed through EPEL”. So it needs further improvements.