

## From gLite to EMI: Staged Rollout and production infrastructure

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- Present status: staged rollout, EAs, MW components.
- Transition from gLite to EMI: EA sites.
- Issues

- There are 42 EA teams:
  - <https://www.egi.eu/earlyAdopters/table>
- These EA teams cover components from:
  - gLite
  - UNICORE
  - ARC
  - Globus
  - Operational tools
- Only gLite components, StoRM and SAM/Nagios (Operational tools) are undergoing the staged rollout process:
  - gLite followed in CERN savannah patches
  - SAM/Nagios and StoRM followed in RT queue “staged-rollout”

- Wiki:
  - <https://wiki.egi.eu/wiki/Staged-Rollout>
  - <https://wiki.egi.eu/wiki/Staged-rollout-procedures>
    - Will be updated in next few days: contains “exact” instructions for the Early Adopters (also for the staged rollout managers).
- Components table:
  - <https://www.egi.eu/earlyAdopters/teams>
- Dry runs of some components of EMI RC3 :
  - Exercise the workflow and tools, check missing details, etc.
    - <https://rt.egi.eu/rt/Ticket/Display.html?id=1726> arc-ce

- EMI components did not change significantly in terms of functionality and interfaces:
  - Will be compatible with current production components.
  - No change from the point of view of users/VOs/applications and operational tools.
- **Deployment:**
  - EMI components imply a re-installation of the nodes, no upgrade path from the corresponding gLite 3.2 ones.
- **Early Adopters will have to re-install nodes when testing EMI components:**
  - Less problematic: CEs, WNs, UIs, other stateless services.
  - More careful: SEs, LFC → clear procedure and documentation for database migration, and any other critical steps.



# Transition from gLite to EMI

- Started talking to EAs to move to EMI components.
  - Already this week I got commitment of some EA teams.
  - A mail will be sent later to all EAs.
- Under discussion what will be the UMD release and timelines. Any decisions will be first announced in the Grid Operations Meeting.
  - A compilation of already available release notes of EMI components can be found at:
    - [https://wiki.egi.eu/wiki/EMI\\_release\\_notes](https://wiki.egi.eu/wiki/EMI_release_notes)
    - Needs update, and producing a summary with highlights, will help further decisions on component prioritization.
- SA2 is expecting feedback from Operations about prioritization of components: “Who goes first”.

- It's not enough to offer has an EA team for whatever components, it is needed that you do the test when notified...
  - Examples:
    - Torque only 2 out of 6 teams did the test.
    - VOBOX waiting for 2 months in staged rollout for one of the 2 teams to do the test.
- Reminder: no component is released to production without going through the full SW release cycle that includes the staged rollout.