

CERN 11 Department CH-1211 Geneva 23 Switzerland www.cern.ch/it

### Grid Technology



# Interim gLite Release Process

#### EGI Technical Forum 2010 Maria Alandes Pradillo, CERN





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Interim gLite Release Process

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- EGEE finished on April 2010
- EMI started on May 2010
  - But EMI 1.0 scheduled on April 2011
- CERN is responsible for the gLite releases until EMI is able to do releases.
  - This is the Interim gLite Release Process, described in:
    - https://twiki.cern.ch/twiki/bin/view/EGEE/ProdInt





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- Release Manager is Francesco Giacomini
- EMT mailing list is the main communication channel: project-eu-egee-middleware-emt@cern.ch
- EMT meetings held regularly.
- WLCG is now the driving force behind the gLite releases until EMI takes over. We should try to keep LCG and EMI related work as much aligned as possible.
  - gLite status presented every two weeks in the Tier 1 Coordination meeting.



## Staged Rollout

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- CERN**T** Department
- Staged Rollout (SR) happens immediately after a patch is verified.
- CERN prepares the SR repositories.
- EGI leads the SR process.
- Early Adopters sites deploy the patches and report back.
- EGI sets the status of a patch into "Ready for Production" after a succesful SR.





### Production

Production updates happen after one week of successful deployment in SR.

 Each service has its own repository and it's independent from the others as far as releases are concerned.

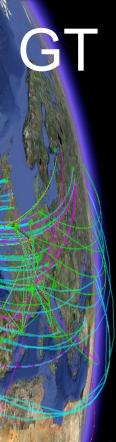
- CERN prepares the repositories and updates the web pages.
  - Note that the "Release Notes" are the responsibility of Product Teams. CERN just compiles them.

CERN sends a broadcast using the CIC portal, announcing the release.

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### Open Issues

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#### Staged Rollout

- Missing Early Adopter Sites for some services.
- Some services go to Production after one week in SR with no volunteers.
- SR <u>has to happen</u>. A patch has to stay in this state as long as it's necessary.
- Communication
  - A clear procedure is missing to communicate critical bugs in the middleware.
  - gLite understands that operational issues should be handled by EGI.



