

Use of configuration management tools in the EGI resource centres

The YAIM-core product is needed by every EMI/gLite component that uses the yaim command for the configuration. The support of the common components of yaim (glite-yaim-core, in the EMI products list) after the end of the EMI project is being discussed, and the product teams responsible of EMI/gLite components currently relying on YAIM, may decide to move to a different configuration mechanism in the future.

Several sites are already using various software configuration management tools (e.g. puppet) to deploy their middleware services, and if in the future it will not be possible to set up grid services with a homogenous configuration file (e.g. the site-info.def used by yaim) the deployment and configuration of grid resource centres may rely more heavily on these configuration tools.

The results of this survey will be used by the EGI Operations Management Board to identify suitable replacements for yaim, for those EGI/gLite products for which yaim support will be abandoned, and to encourage NGIs and sites to share their current experiences with these tools, and best practices.

* 1. Please, specify your site name, as registered in the GOCDB

If your site is not in the list, please write the site name in the box

* 2. Please, specify your NGI

Other (please specify)

* 3. Submitter's name

* 4. Please, provide your email address

* 5. Number of grid services deployed in your site, excluding worker nodes

- Less than 10
- Less than 30
- Less than 50
- More than 50

* 6. Number of worker nodes (physical machines) deployed in your site

- Less than 20
- Less than 50
- Less than 100
- More than 100

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*7. Which Configuration management tool is being used in your site?

- None, the single services are configured manually (e.g. running yaim) [You can skip to question #12]
- Quattor
- Puppet
- Chef
- CFEngine

Other (please specify)

8. Could you please provide a short comment about the pros and cons of the tools that you are using?

Pros:

Cons:

9. Do you use specific modules (e.g. puppet modules) developed for the grid services?

- No, I use the configuration management tool only for the operating system configuration [please skip to question #12]
- Yes, we have developed the modules in our site
- Yes, we have developed the modules in our NGI
- Yes, we are using modules developed by other partners

10. If you have developed specific modules for grid middleware, please list the services configured with these modules. If possible specify if the modules call the yaim command, or not.

11. If you are willing to share your work with other sites and NGIs, please provide one or more link to related online resources (e.g github project, or wiki page).

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***12. Are you evaluating to use a configuration management tool for your site, or to change the tools currently used?**

- No [Please skip to question #14]
- Yes, but we have not chosen a solution, yet [Please skip to question #14]
- Quattor
- Puppet
- Chef
- CFEngine

Other (please specify)

13. Can you briefly explain why you are considering to change the tool you are using, or what are the reasons why you are evaluating to use configuration management tools?

14. Please, use this box to provide any additional comment, suggestion or information that you are willing to share with EGI Operations on this topic.