Software configuration automation at EGI

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Link to Mentimeter

https://www.menti.com/7e58ixdv5u
Options to configure UMD/CMD middleware

- Legacy: YAIM no longer supported after SL6 retirement (end of November)
- Manually: there are products not providing any automatic way (not even by scripts)
- Infrastructure as code: mainly Puppet or Ansible
● *Product teams* are providing their recipes in few cases, usually when close to a site

● Collected by the UMD team: https://github.com/egi-qc/deployment-howtos
  ○ ARC-CE, ARGUS, BDII, cASO, cloud-info-provider, DPM, CERN Frontier, FTS, gridsite, XRootD

● Documentation for Service Providers is published by EGI: https://docs.egi.eu/providers/

● Several *sites* seem to have their own recipes
Assuming the majority of the sites are using Puppet/Ansible: is this assumption correct?
Discussion, plans and proposal

EGI can **merge the sites effort** in the development of the recipes

Invite sites to join: NGIs, broadcasts, meetings, tickets

The main problem is making sure that **all the sites are aware** of this activity and get a chance to join if interested (NGIs can help a lot with this)

Provide and manage central repository and make all efforts by the sites clearly visible
Recipes validation can be performed by the UMD team only within a collaborative effort from the sites.

A site using a recipe can share it and provide minimal support during the validation phase.

A site willing to use those recipes can provide help as well!

UMD5 is coming, it is ideal to work on it for CentOS7 and CentOS8.
Working group so far

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[please include yourself if missing]