

# HEPiX Configuration Management WG

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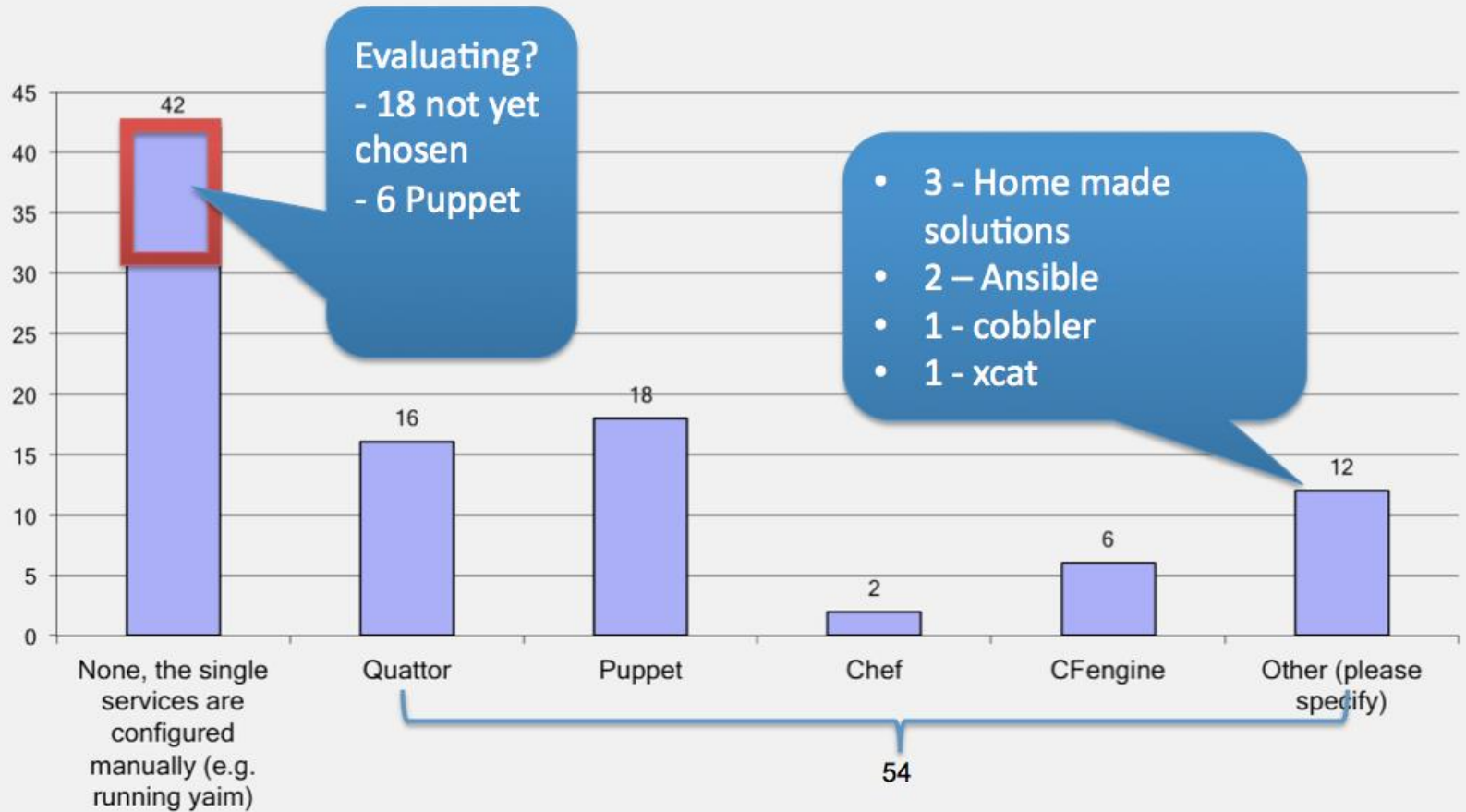
# Agenda

- Background – evolving cfg management
- Initial aims of WG
- Current status
- Discussion, questions, input

# Background

- Sites are changing how they do config management
- EGI survey Q1 (Jan 28 – Mar 24)
  - circulated directly among EGI grid sites
  - 87 answers
  - results evaluated by Peter Solagna
- Questions:
  - size of sites: number of services / number of WNs
  - Cfg management tools used (or evaluated)
- Modules used
  - product/specific
  - developed by the site/NGI/others

# Is the site using configuration management tools?

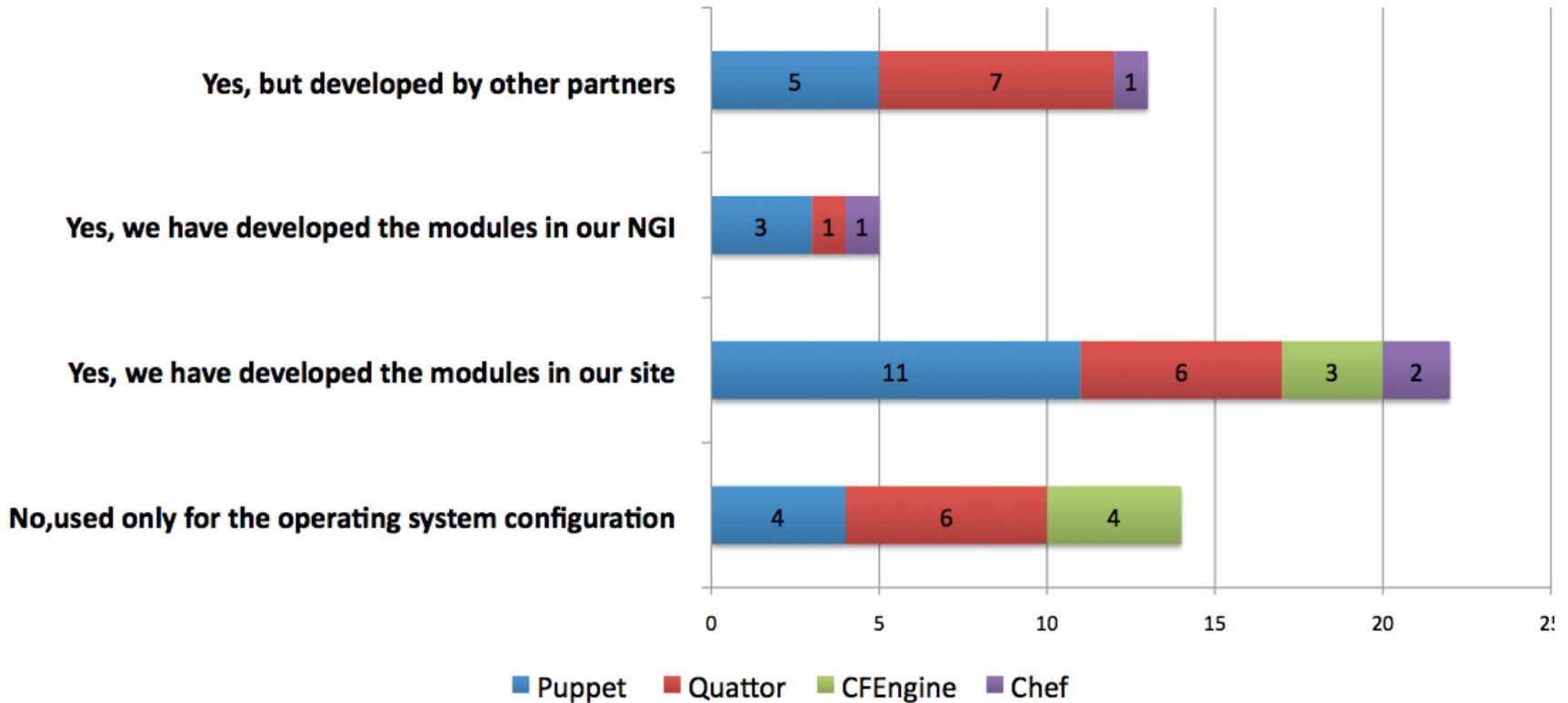


# Number of services deployed vs cfg tool used

| # of services deployed | Quattor | Puppet | Chef | Cfengine | Total sites |
|------------------------|---------|--------|------|----------|-------------|
| < 10                   | 8       | 8      | 0    | 3        | 59          |
| < 30                   | 5       | 7      | 1    | 3        | 29          |
| < 50                   | 0       | 0      | 0    | 0        | 1           |
| > 50                   | 3       | 3      | 1    | 0        | 8           |

# Custom modules

**Do you use specific modules developed for the grid services?**



# Outcome from EGI survey

- Likely, there isn't a configuration tool good for all the grid sites
- But... Puppet is taking the lead:
  - Growing user community within EGI
    - also huge wider global community
  - Big site (CERN) working on & publishing modules
    - not all products covered

# Initial aims of WG

- Focus on puppet
  - there's a lot of interest, and the WG originally founded by sites interested in puppet
- Share information, experiences, code amongst sites using puppet
- Help with possible migration paths for products where future YAIM support is unclear
- Don't replace the community
  - we don't want an isolated HEP community



# Just getting started

- Good initial response from hepix-users
  - 30 subscribers to list
- Starting to document EMI2/ EMI3 products & modules where they exist
- Links to githubs for existing HEP puppet modules
  - some github collab happening already

# Collaboration options

- Easy to envisage a number of different collaboration options:
  - Have central point to document existing modules, or ask before expending effort?
  - Formally collaborate on modules as needed?
  - Make a full suite of HEP modules?
  - Publish to the forge?
- Early preference for github & forge

# Questions? Feedback?

- Feedback helpful – what does GDB think?
- What level of collaboration?
- [hepix-config-wg@desy.de](mailto:hepix-config-wg@desy.de)
- <https://lists.desy.de/sympa/info/hepix-config-wg>
- <https://twiki.cern.ch/twiki/bin/view/HEPIX/ConfigManagement>