CERN

Puppet on the desktop @ CERN

Thomas Oulevey
for IT-CM-LCS
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Locmap

Roadmap

Questions

What is *locmap* ?

Goal : Configure reliably CERN CentOS 7 computers outside of the datacentre.

developed by Aris Boutselis.

- Replace lcm tools (quattor)
- masterless puppet/facter/hiera under the hood
- Allows to reuse datacentre puppet modules
- Extra modules by user communities

What *locmap* is not.

- No SLC5 / SLC6 support.
- Not following datacentre module development pace, rebase when meaningful changes are available.
- No plan to upgrade systematically puppet between minor CC7 release. (Targeting 3.8.X)
- Extra modules need to be of general use for inclusion in base set.

Modules status

```
[toulevey@crabe ~]$ sudo locmap --list
[sudo] password for toulevey:

[Available Modules]

Module name : sudo [enabled]
Module name : sendmail [enabled]
Module name : cernbox [disabled]
Module name : ntp [enabled]
Module name : kerberos [enabled]
Module name : cvmfs [disabled]
Module name : ssh [enabled]
Module name : nscd [enabled]
Module name : eosclient [enabled]
Module name : afs [enabled]

[toulevey@crabe ~]$
```

- Discussion ongoing for what new module will be enabled in standard installation for next release 7.3.
- cvmfs / eosclient in good shape.
- cernbox likely after 7.3
- nscd -> sssd considered after 7.3 and module cleanup.

Roadmap

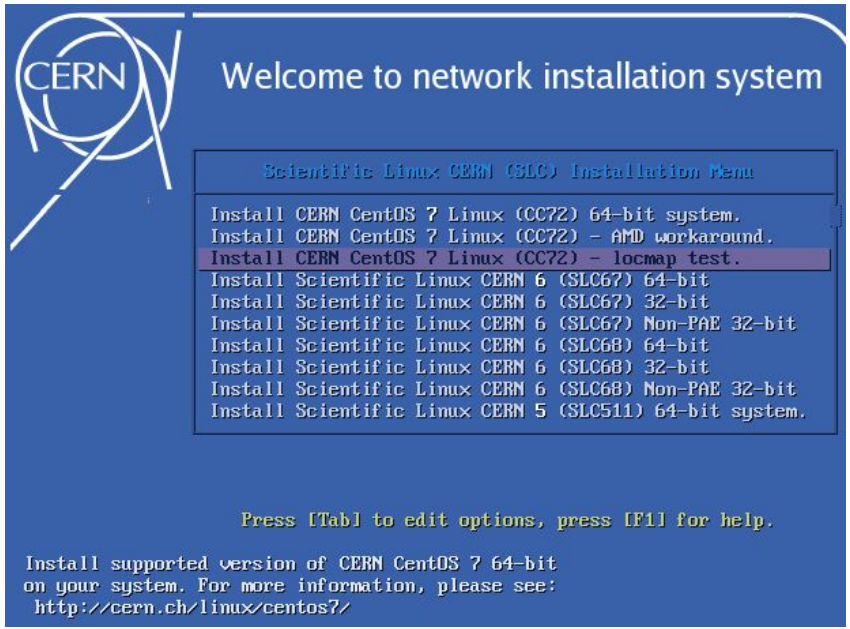
Release beta test for users at next ITUM (2016-10-03).

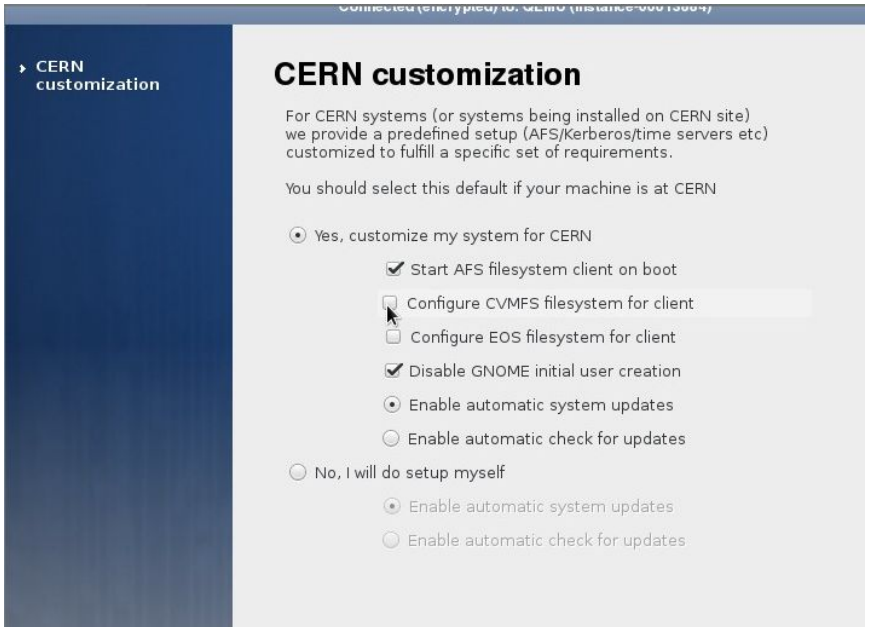
- CC7.2 base tree respin with the new tools.
- At first boot you can select eos/cvmfs/afs.

If no blocker, release CERN CentOS 7.3 (2016-12-XX) with locmap and obsolete lcm/ncm tools.

Testing *locmap*

Docs & code : https://gitlab.cern.ch/linuxsupport/locmap





Questions

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