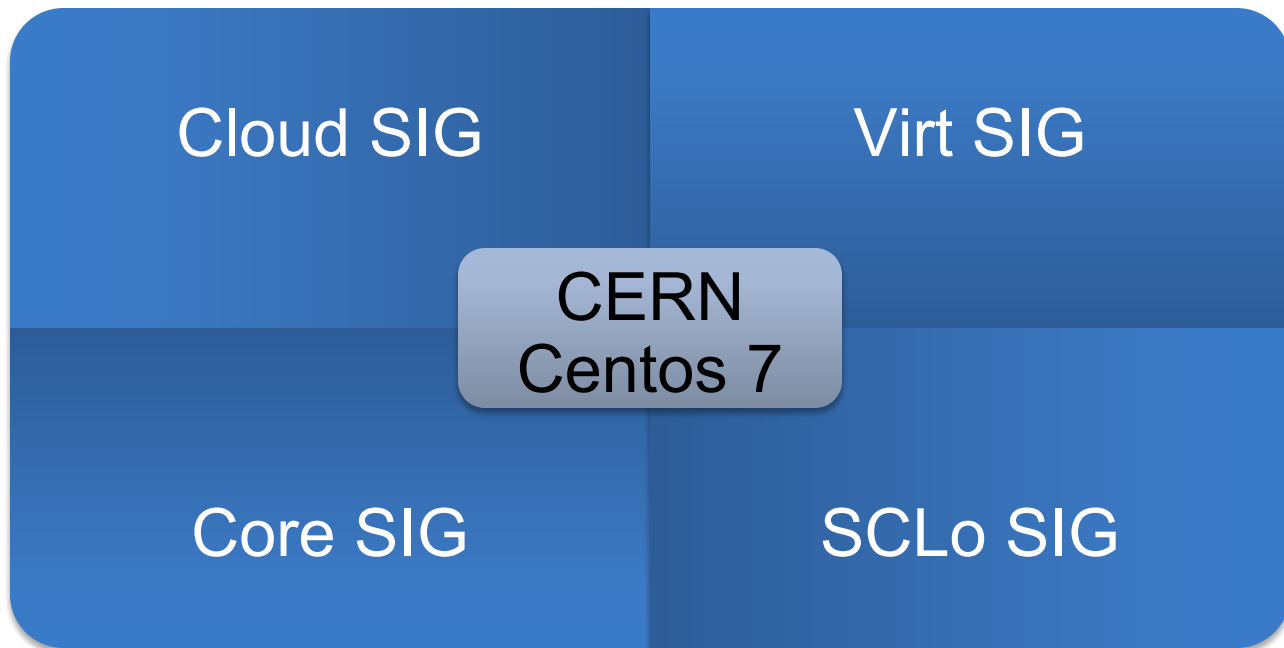
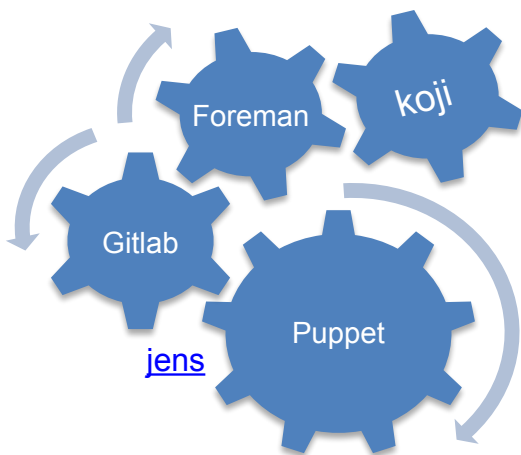




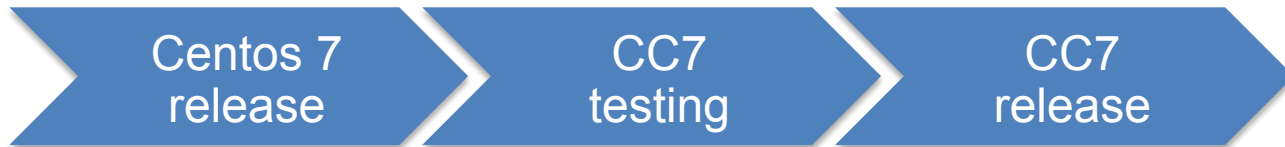
Centos 7 @ CERN



CERN Centos 7 Lifecycle



Once a week

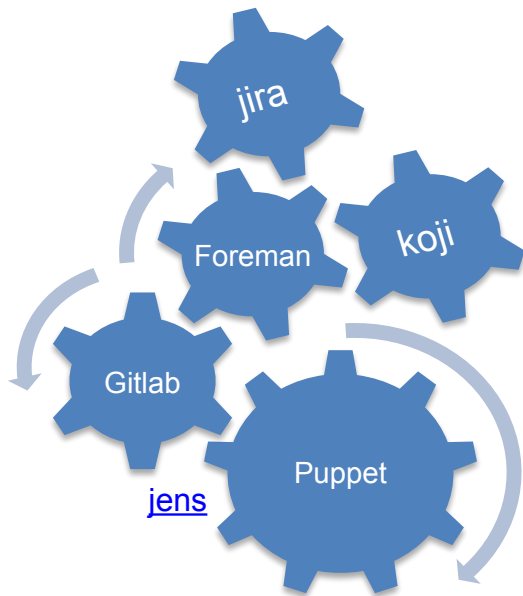


- IT Linux support tests & integration
- Rebuild if needed (nss) with Koji

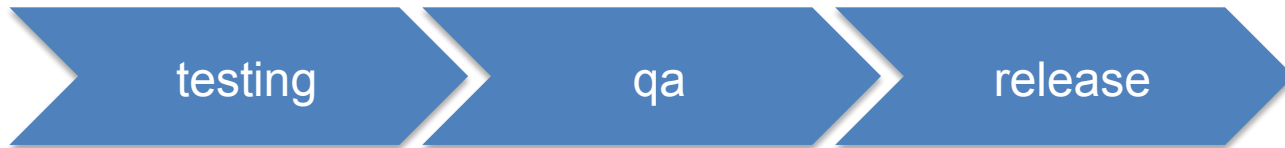
- Disable by default
- Enabled on datacentre QA environment

- Pushed to all clients
- Enabled on datacentre PROD environment

CERN IT Lifecycle



After a week minimum



- IT Service tests & integration

- Enabled on datacentre QA environment for the service
- Osrepo puppet module

- Enabled on datacentre PROD environment for the service

KOJI 1/2

- Koji 1.10 with CERN patches (merge src.rpm builds, imagefactory for slc5/rhel5, html/kojiweb tweaks)
- Imagefactory 1.1.8 (cloud images and docker),
- Supports building against SLC5, RHEL5, SLC6, RHEL6, CentOS7, RHEL7 (+eus),
- Kerberos auth,
- Running on el6 with rgmanager - 8 nodes with SSDs,
- Alternative arch node in preparation - aarch64,
- Mash for automatic repository regeneration,
- All workflows based on tags,

KOJI 2/2

- Single namespace,
- Each tag has a permission that matches to a group of users,
- Simple policy (need a kojihub restart),
- Possibility to import binaries (koji intermediate repo issue),
- 250 users, 240 build targets, 23000 builds (~= 2000 failed builds)
 - <https://koji.cern.ch/koji/reports>
- In charge of CentOS KOJI with the infrastructure team
<https://cbs.centos.org> (integration with FAS and tag permission, use SIG concept, mash repos for CI, workflow with tag operation, ppc64le and aarch64)

KOJI @ CentOS

- In charge of CentOS KOJI with the infrastructure team
<https://cbs.centos.org>
- integration with FAS and tag permission,
- uses SIG concept for perms,
- mash repos for CI,
- el7 i386, ppc64le and aarch64,
- 130 users, 240 build targets, 14500 build (~= 750 failed builds)
- ovirt, kvm, xen, software collections, gluster, ceph, openstack, openshift, puppet, ansible, etc...
- Great success and great community.