

CVMFS @ CNAF

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CNAF setup

- CVMFS Stratum 0 installed at CNAF
- Server setup done by P.Veronesi for IGI.
- Squid and worker nodes setup done by A. Chierici for Tier1.
- A geographical redundancy with server installed in other sites will ensure the reliability of the service.

CNAF setup

- CVMFS SERVER (KVM, 2 cores, RAM 4GB, HD 70GB):

`cvmfs-repo-superb.cnaf.infn.it`

- CVMFS software area:

`/cvmfs/superbvo.org/`

```
[cvmfsfranc@wn-test superbvo.org]$ ll
total 19
drwxr-xr-x 1 cvmfs cvmfs 4096 Jun 29 11:24 bin
-rw-r--r-- 1 cvmfs cvmfs  42 Jun 27 14:40 empty
drwxrwxr-x 1 cvmfs cvmfs 4096 Jul 12 14:54 SL-5.3_x86_64
drwxrwxr-x 1 cvmfs cvmfs 4096 Jun 27 15:05 test
```

- WN for tests:

`cvmfsfranc@wn-test.cr.cnaf.infn.it`

Work plan

- First: we want to test the CVMFS software area in parallel with the former one (/opt/exp_software/superb/)
- Next: the CVMFS software area will be into production at CNAF alone, and the aim is to use it for the next FullSim production
- Future: other sites will adopt a CVMFS client

Documentation

- CERN's official page:

<http://cernvm.cern.ch/portal/node/117>

- CNAF Wiki page (with all the documentation):

http://mailman.fe.infn.it/superbwiki/index.php/CNAF_portal/CVMFS#

- CNAF setup with some tests (by P.Veronesi)

<https://dl.dropbox.com/u/1798414/Cvmfs-repo-superbvo.pdf>