# Certification Testbeds

***Configuration Testbed***

***Xen testbed***

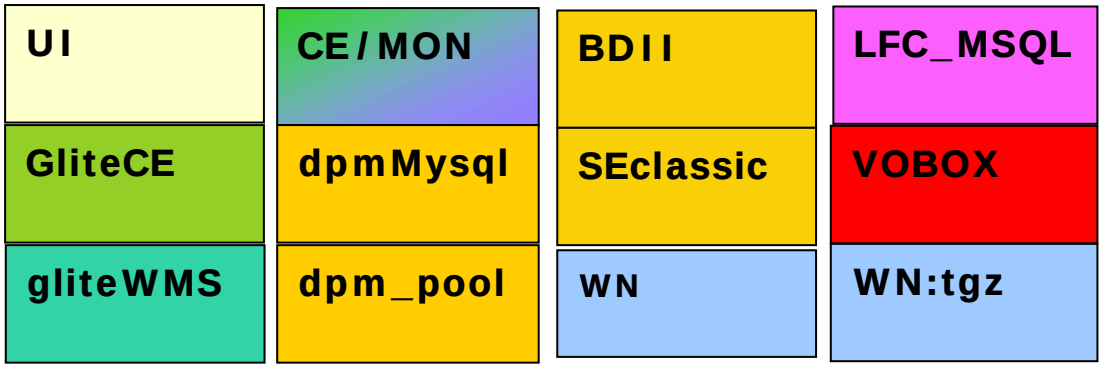
***The full testbed***

# Goals of the Certification Testbed

- Certificate that the middle-ware work and it is deployable
- Simulate different configurations
  - SE dpm + pool (MySQL / Oracle)
  - gliteCE + lcg CE
  - WMS and RB with different job submissions
  - and lot of others ...
- Running the current production release
  - Always a set of nodes ready to validate any urgent update
- Running the base release and patch(s) that we select to include in the release
  - Certification process itself
- Possibility to reinstall any version quickly
  - With the virtualization technology just few minutes are necessary
- Have a good heterogeneous environment to run the test suite in a useful way.

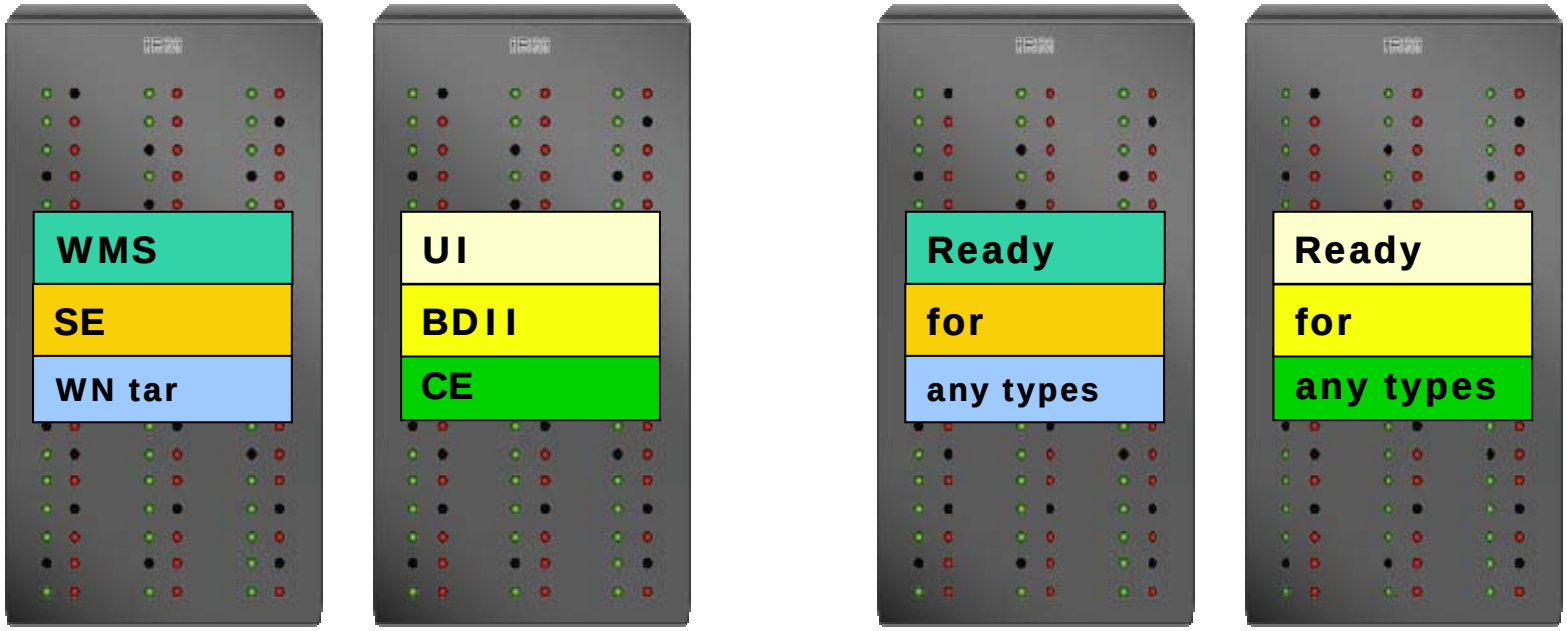
# Configuration testbeds

- **Testbeds made with all types of node and use by the developers of YAIM.**
- **It is a small testbed that change really often.**
- **Also use to create and test the relocatable WN**

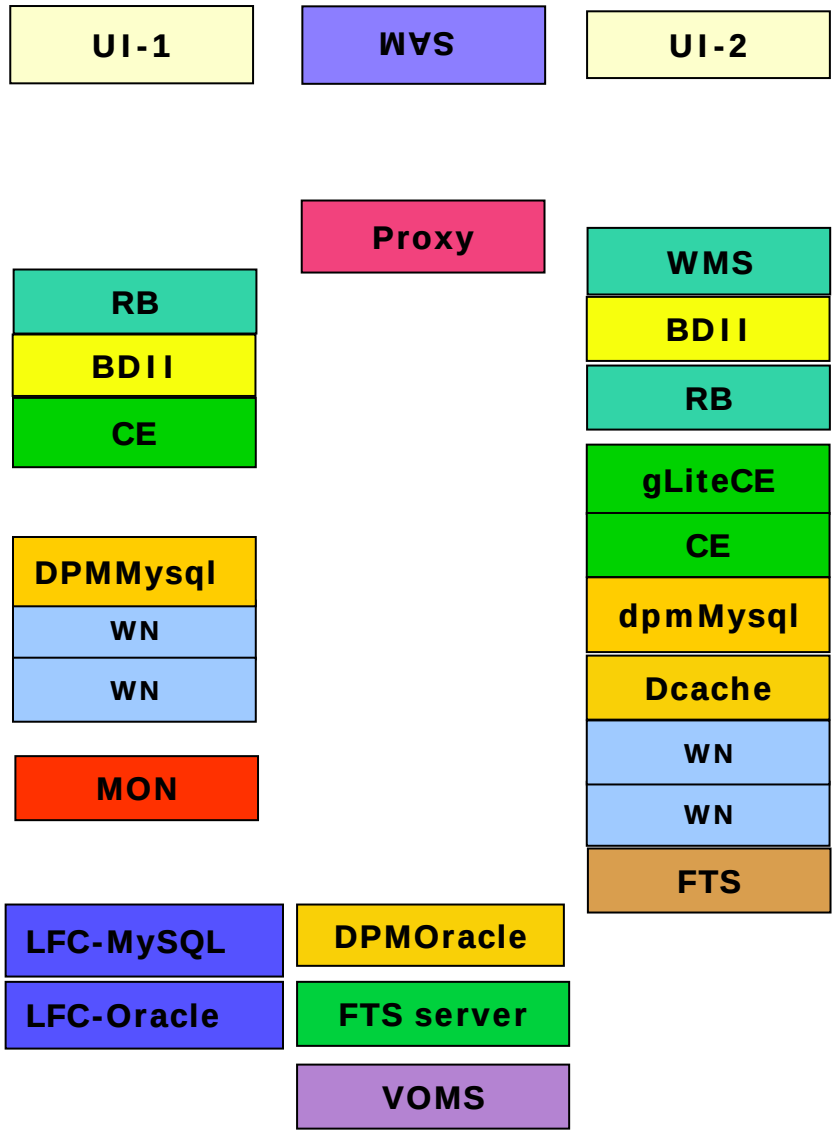


# Xen Testbeds

- Tesbed made with 4 Xen machines containing 3 nodes each
- Permit to reinstall from scratch any type of nodes in less than 20 minutes.
- To store nodes images of working testbed with given version
- SmartFrog permit to install all nodes with one command



# The Full Testbed




PIC
Condor

UCY

GRNET
Torque RB WMS

CESGA
SGE

DESY
Dcache

# To see

- https://twiki.cern.ch/twiki/bin/view/EGEE/EGEETestbeds
- https://twiki.cern.ch/twiki/bin/view/EGEE/CertTestBedWorld