

EP-SME: What we use now

Storage: EOS (disk), CTA (tape) [+ FTS support]

Computing: HTCondor, VMs with and w/o config system (e.g. puppet)

DB: OracleDB, mysql

Software environment:

- Cvmfs, LCG, Containers/Volumes
- OS support (specifically LTS spanning run periods)
- Support for specific software (e.g. ROOT, Geant4)

File system: AFS, cron jobs

Software development:

- Support for Gitlab + CI, issue tracker (e.g. JIRA), documentation

Centrally-supported Services:

- Network (Routers, etc)
- Websites/webservers support
- WinCC OA
- CERNBox
- Desktop/Notebooks maintenance

Generally very good performances, occasionally some load on AFS servers

EP-SME: Medium-long term

[Time scale considered ~ 5-10 years from now]

Storage: analogous requirements, scaling with the data volume (~ 5x)

Computing: analogous requirements, scaling with the data volume (~ 5x)

DB/Software environment/File system/Software development:

~ same requirements as now (possibly allowing for system replacements but with same or better functionality)

- **Centrally-supported Services:**

same as now + possibly more centrally-supported services:

- Data & Analysis preservation
- E-logs
- Distributed Information Management (DIM) System
(http://dim.web.cern.ch/dim_intro.html)
- ...?