

OpenAFS @ SPSC TU Graz

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At the beginning

- Kerberos V
- OpenAFS (1 fileserver, 700GB)
- OpenLDAP
- Cfengine
- FAI
- ...
- Nobody was using AFS

6 moths later

- 15 users
- Each 6GB default quota, max 30GB
- Shared volumes for all users without backup
- Funny firewall connection over 3 buildings

now

- 30 users
- ~10 students
- 20-30 users online
- 5 buildings
- 8 switches using a vlan

Now

- 25 Linux clients 64bit
- 4 Windows clients
- 2 Mac clients
- 12 Linux/Windows dual boot at a student lab
- ~10 Linux/Windows dual boot laptops
- + Vmware...

Servers

- 2 XEN-Servers
 - 4 cores, 2.5TB, 8GB RAM
 - 8 cores, 1.5TB, 16GB RAM
- 4 virtual file servers
- 1.2TB RW
- 700GB to backup
- 18h for a full backup

Problems

- Tokens for long time simulations
- Some applications not working stable
- Performance using encryption

Future

- Backup
 - Reverse incremental?
- ISCSI
- Management scripts