

UniBE update Spring 2025

- **Storage**
- **Compute**

Storage

- 2.2 PB on 5 servers, no changes => **still true**
- All upgraded to Almalinux 9 => **still true**
- No pledge increase for April 2025 => **still true**
- Raised **once more** with WLCG the issue of SRR for federated storage
 - Codebase to be obtained from the previous dev by end of June at latest ^(TM)
 - Solution for federated SRR record expected by early Autumn at latest ^(TM)
- We will buy some storage in the meanwhile, but funds are scarce
- Longer term plan (dream?): move all Swiss ATLAS storage to Bern (currently 5.5PB @CSCS)

Storage

- 2.2 PB on 5 servers, no changes
- All upgraded to Almalinux 9
- No pledge increase for April 2025
- Raised again with WLCG the issue of SRR for federated storage
 - Delays due to change of personnel
 - I got a promise that this is at the top of the list
 - Will be able to ups the pledge in case we get round buying more storage

UniBE news Autumn 2024

Compute

Compute

Autumn 2024

- ROCKS Cluster still running CentOS 7 and IPv4 only on the CEs
- Started a prototype on Almalinux 9 with OpenHPC as provisioning tool for network
 - Not as “out of the box” as I would have hoped
 - Several issues to address (e.g. stateful provisioning, NAT, IPv6, etc.)
 - Lack of manpower
 - When all will converge, we should scale up ~x1.5 to ~16k cores or ~190kHS23

- ROCKS Cluster still running CentOS 7 and IPv4 only on the CEs => **still true**
- Almalinux 9 provisioning with OpenHPC still slow: <10% of nodes
 - Issue with nodes dying with el_9.5 => had to revert to el_9.4 (!!!)
 - More issues to address (e.g. matching versions for kernel, lustre clients, slurm, etc.)
 - Lack of manpower => **still true**
 - When done, we should scale up ~x1.5 to ~16k cores or ~190kHS23 => **still true**
 - Just started one CE on Almalinux9 and ARC7