



UiO : USIT

Storage

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Issues to be solved before migration

Migrate before summer 2021

Upgrade RHEL6

- All projects have received RHEL8 + Horizon
- Most user issues resolved
- Use client
- Upgraded most appnodes, project hosts, internal hosts

Issues to be solved before migration

Upgrade TSD services

- How to handle (post-)migration

Resolve client, server, 3rd party vendor issues

- NFS + GPFS
- Hard-/software upgraded

Issues to be solved before migration

Mounting on Windows / Linux

- During migration

NFSv4 ACL inheritance and permissions

- Defaults
- User flexibility



UiO : USIT

Colossus

Demand for HPC increases

Monthly growth of # jobs

Increased use of private resources

Reduced use of shared resources

- Installation of new appnodes
- Addition of 2 GPU nodes
- Users prefer private reservations

Acquisition of additional resources

p21,p22 acquired new Dragen node

- Installed in January
- Restricted access

p33,p697 acquired 6 compute nodes

- Available in few weeks
- 384 additional cores

Colossus queue changes per April 1st

Sigma queue

- Requires sigma2 allocation
- 1536 cores, no GPUs
- reservation=none
- account=pXX

TSD queue

- For everyone else
- 288 cores + 2 GPU nodes (128 cores, 4 GPUs)
- reservation=tsd
- account=pXX_tsd
- 200k limit

Plans

Sigma2

- Fetch allocations
- Push usage statistics

Self-service

- TSD HPC resources
- Usage statistics

Deprecation of custom modules

Improve user docs