



UiO : USIT

Storage

ESS issues

Client, server, 3rd party vendor issues

Affected NFS (vms) and GPFS (Colossus)

Hardware replacements

Issues to be solved before migration

Replaced RHEL6 + thinlinc login vms

- RHEL8 + vmware horizon
- Projects are migrating

Upgraded other RHEL6 vms

- Handful of hosts remains

Upgrade TSD services

- How to handle (post-)migration

Issues to be solved before migration

Monitoring of ESS

Mounting on Windows / Linux

NFSv4 ACL inheritance and permissions

Test on TSD project



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Colossus

Demand for Colossus increased

Monthly growth of # jobs

Increased job wait time on private resources

Reduced job wait time on shared resources

- Installation of new appnodes (p33,p697-appn-norment01)
- Addition of 2 GPU nodes
- Users prefer private reservations

Expect increased demand after Covid

- Reduced influx of (clinical) data

p33,p697 acquired additional resources

Norment acquired 6 compute nodes

- 384 additional cores
- 834 cores in total
- Available in coming weeks

p21,p22 acquired additional resources

Use Dragen for bioinformatics pipelines

Installed new Dragen server

Increased usage; license to be upgraded

Restricted access; approval by p22

Colossus queue changes per April 1st

Queue will be split into two

- Sigma – for projects with Sigma2 quota
- TSD - for everyone else
- Per April 1st

Sigma queue

- 1600 cores
- reservation=none
- account=pXX

TSD queue

- 288 cores + 2 GPU nodes
- reservation=tsd
- account=pXX_tsd

Automated fetching of quota