

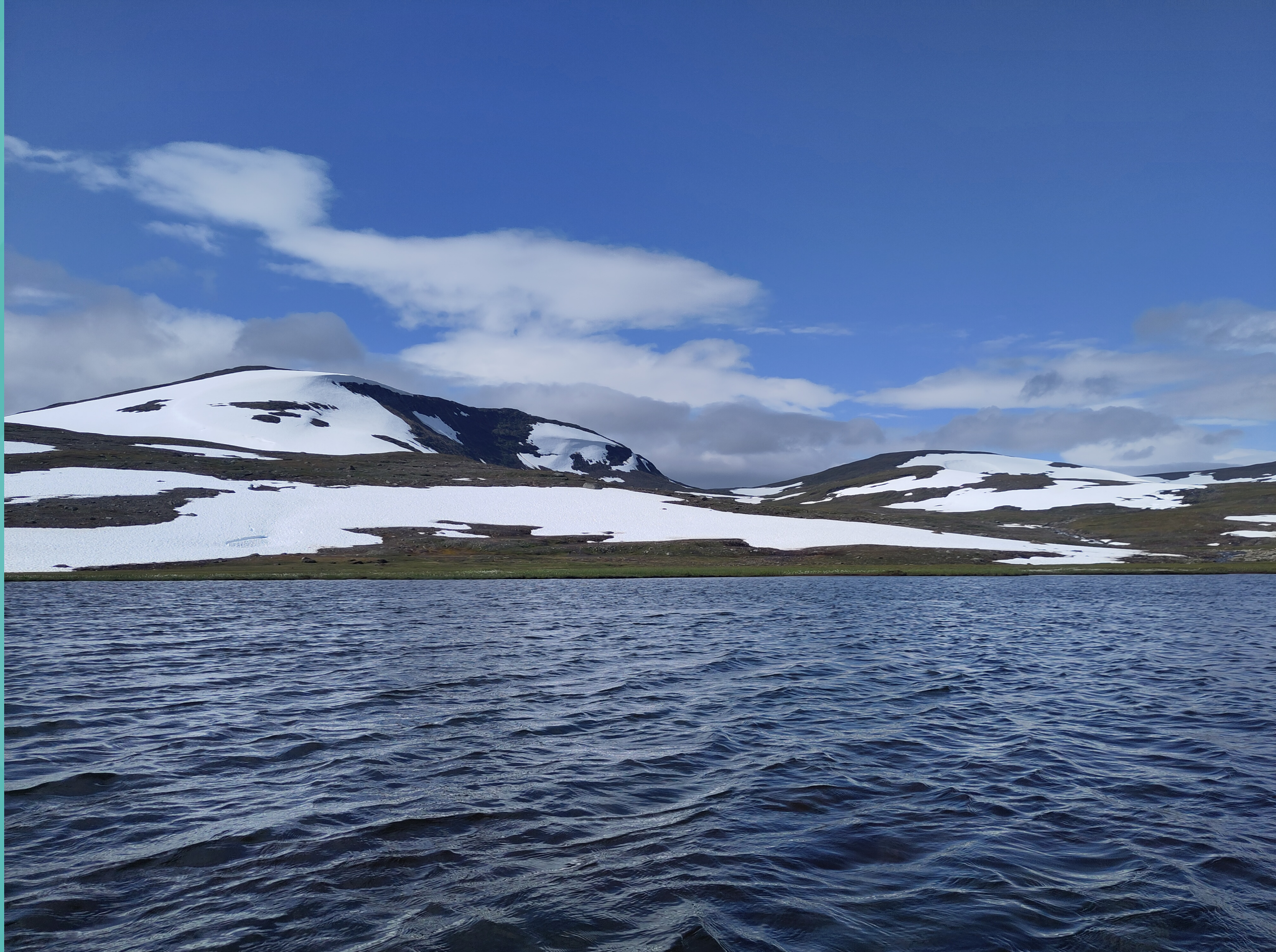
NT1 Central Services

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NT1 AHM
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Overview

- New stuff
- Changes
- Issues
- Future



New stuff

- We have bought new headnodes, more of the same
 - 4 instead of 3 ganeti nodes, due to large disk VMs
 - More of everything
 - Enough SSDs to have symmetric setup without HDDs



Changes

- Grafana instead of Ganglia draws ever closer
 - Are we there yet?
- The new setup with NordForsk is still in negotiations between NordForsk and the funding agencies



Issues

- There is something wrong tape restores
 - Canceled requests don't free up space and might hang
 - Restarting the pool makes everything good again
 - Seems to not be in the plugin
 - Discussion during storage session?
- ARC data staging seems to be suboptimal
 - Session during compute to make a list of things that should be improved if we can find a devel project



Future

- Getting into a higher pace of ENDIT and dCache development
- Trying to get some project funding for ARC devel
- Planning networking and resources for HL-LHC
 - Our NRENs think that 1Tbit/s networking in time for HL is doable
 - Cost and 3x400G vs 1x1.6T etc not known yet
 - Hope to be able to prototype a site or two before 2029
- Plan our IPv4 phaseout





Questions?

