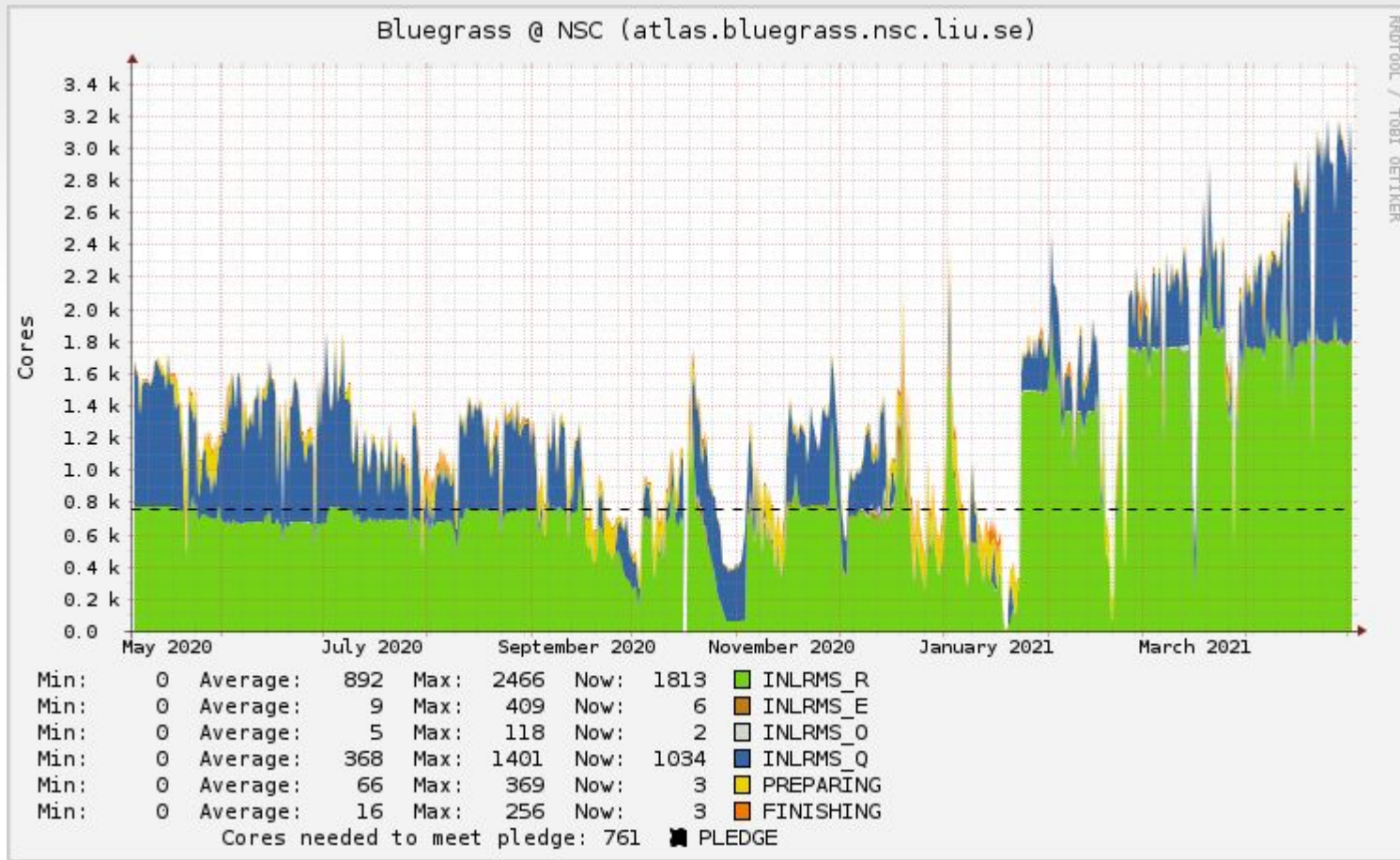


Compute: Bluegrass



Storage: Serenity

Pools

- 2 x HP ProLiant DL360 G9, HP D6000, 50 x 6TB, 480TB (will go away soon).
- 3 x HP ProLiant DL360 G9, HP D6020, 70 x 8TB, 1392TB.
- 7 x HP ProLiant DL385 Gen10 Plus, 16 x 14TB, 1372TB (new).

Storage: Serenity

Tape pools

- 2 x HP ProLiant DL360 G9, HP D6000, 35 x 1TB SAS (will go away soon).
- 2 x PowerEdge R7515, 8 x 1.92TB SSD, PERC H740P Mini (not commissioned yet).

Tape library

- TS4500 Tape Library.
- 353 used tapes right now. 327 x LTO-8, 25 x LTO-6 (and a broken LTO-5 that is still around).
- 10 x LTO-8 and 6 x LTO-7 tape drives.
- Shared with SNIC and SMHI so exact number of available drives and tapes are not constant.

Network

WLCG stuff connected with a mix of 10Gps and 40Gps uplinks.

NSC core network will be upgraded during the year.

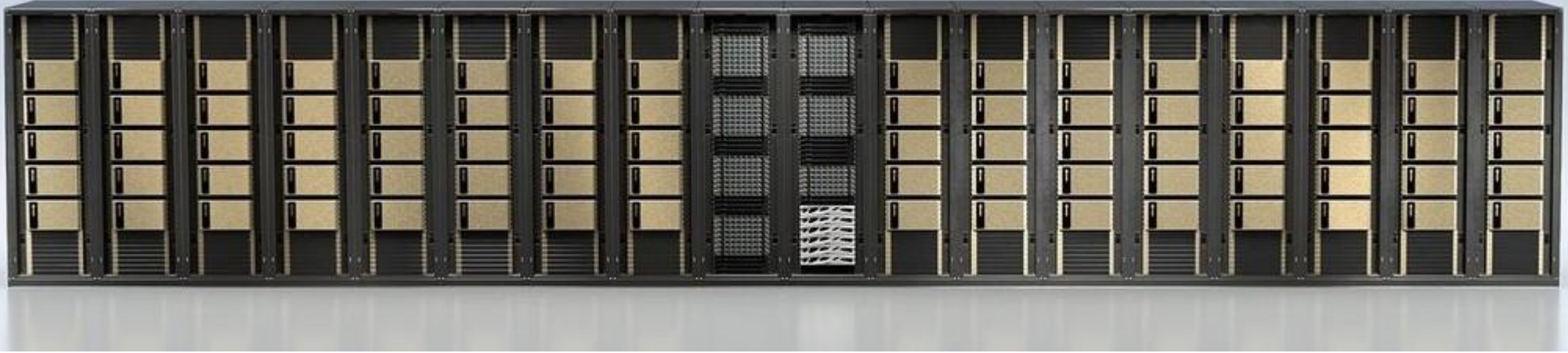
Today:

- 2 x Juniper QFX5100-48S (40 Gps ports).

- One in each computer room.

New router model have not been decided yet.

BerzeLiUs



New AI research system at LiU/NSC in testing phase

- Funding €30M (with half spent now)
- Nvidia DGX SuperPOD with 60 x NVIDIA DGX A100 systems
- 300 petaflops, 1,5PB SSD storage from DDN
- Each node have:
 - 8 x NVIDIA A100 Tensor Core GPUs (40G RAM, 6912 cores*)
 - 2 x AMD Zen2 CPU:s and 1TB RAM
 - 9 x HDR(200) Mellanox Infiniband connections



Ceci n'est pas un chat