

# GPFS migration

- STAR GPFS storage is 5 years old and be will replaced with new storage.
- GPFS updated to 4.2 version from 4.1. Version 4.1 is EOS in April 2019.
- Aggregate performance of /gpfs01 – 42 GB/sec - About 70% more than old hardware.
- Usable space would be about 3PB.
- /gpfs01 and /gpfs03 will be merged.
- Migration of /gpfs03 data to /gpfs01 will require short downtime.
- Currently GPFS data is being backed up, let me know if something needs to be backed up.

# NFS migration

- Support contract for current NFS system will end on June 30<sup>th</sup> 2018.
- Only home directories will move to the new NFS system.
- All other “data” will move to /gpfs01.
- This process will be very disruptive and time consuming.
- Only the home directories will be backed up through NDMP.



	STAR	PHENIX	BRAHMS	PHOBOS	USATLAS	Home	Other
Filesystems	61	8	21	10	3	16	8
Capacity	229TB	93TB	29TB	8TB	3TB	18TB	27TB

# RCF Mail server

- Current mail server storage is old and will be replaced with new servers and storage.
- Migrating to RHEL7.5 , with latest stock RHEL dovecot and postfix versions.
- Mail server will be moving from the campus 130.199.59.0 subnet to the Science DMZ subnet 130.199.148.0/24.
- The frontend mail server will be swapped before the backend. The frontend proxy server swap will be transparent.
- Backend server swap will require downtime.
- Will disable SSLv2 and SSLv3 after few weeks of stable operation for dovecot/postfix.