HPSS Movers Upgrade

- Upgrade Star, Phenix and Archive movers to Dell R740xd
- Upgrade the disk cache to NetApp E5760 (10 GB/sec of write throughput)
- Upgrade network connections to 4 x 25Gb/sec from 4 x 10Gb/sec
- Upgrade tape FC connections to 16Gb/sec from 8Gb/sec.
- Upgrade HPSS mover RPM's and OS to RHEL 7.x from RHEL 6.x
- Replace disk fail-over RDAC driver with Multipath driver
- Replace FC switches with direct FC tape connections
- Relocate and reconfigure tapes and tape drives to CDCE from BCF

HPSSDB03 Upgrade

- HPSSDB03 stores HPSS file and tape access history & HPSS web server

- Upgrade HPSSDB03 to Dell R740xd

- Upgrade OS to RHEL 7.x from RHEL 5.x

- Upgrade MySQL DB 14.12 to MariaDB 15.1

- Update all affected DB and Web operation scripts

- Update and enhance the backup/restore process

- Adjust replication between HPSSDB03 and slave DB's

Tape libraries and tape drives

- Moved 4000 STAR RAW and DST LTO7 tape cartridges to CDCE libraries

- Moved 1600 PHENIX RAW and DST LTO5 tapes to CDCE libraries

- Organized the relevant reallocation of tape drives from BCF to CDCE

- Coordinated the planned for December 7th SL8500 tape library relocation with Oracle – the library content is being moved in a transparent way

- Continued the Atlas LTO4 to LTO7 media repacks and ejected 400 copied LTO4 tapes thus freeing needed Atlas library slots

- Completed media purchases for STAR and US Atlas

Thank You for the Great Team Work!

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