

## **US ATLAS Computing Facility**

**08-14-2024 - Tom -**

### **WBS 2.3.1.2 Tier-1 Infrastructure - Jason**

- NTR

### **WBS 2.3.1.3 Tier-1 Compute - Tom**

- No major changes
- Experiencing some problems with older AMD worker nodes upgraded to Alma 9
  - Message from syslogd@acas0776 at Aug 11 13:30:50 ...  
kernel:\_\_common\_interrupt: 6.46 No irq handler for vector
  - Still working on a solution
- CVMFS problems after upgrading to the latest CMFS client version

### **WBS 2.3.1.4 Tier-1 Storage - Carlos**

- The consolidation process for dCache storage pool nodes, and hardware lifecycle refresh has been completed. Approximately 43 PiB of data was migrated during these activities.
  - RHEL 8 and ZFS dRAID upgrades for the consolidated pools have been successfully implemented.
  - Legacy pool hosts have been decommissioned.
  - No user impact was observed.
- HPSS
  - 1,000 LTO8 tapes were made available to the ATLAS HPSS system. The process involved several steps: loading the tapes into the libraries, assigning them to specific slots, formatting the tapes with HPSS headers, and creating tape space to the designated Storage Class. 1,923 LTO8 blank tapes available now for Atlas.

### **WBS 2.3.1.4 Tier-1 Operations & Monitoring - Ivan**

- Decreasing meanrss back to the nominal value of 2 GB/slot (from 2.3 GB/slot) to investigate the reduction of slot occupancy (from 98% to 97%) during the increased meanrss.