



SITUAZIONE TIER-1

2 marzo 2018



Status & activity (1)

- Ticket opened to trace the restart of activities
- Farm
 - *140 kHS06 available at CNAF at present*
 - *24 kHS06 in Bari*
 - *Installation of WNs at CINECA on going*
 - CentOS 7
 - Singularity
- New down of farm (28/2) due to serious fault of storage serving (also) LSF shared fs
 - *Damaged file-systems: shared LSF fs, shared homedir for Uls, shared sw area*
 - *Impact on farm and other experiment services (e.g. Phedex)*
 - List of damaged files available
 - *Restored from previous backup on a new storage system*
 - *Still working*

Status & activity (2)

- AMS, Alice, Atlas, CMS, Darkside, Virgo (and LHCb) ready to be reopened
 - *For LHCb assessment of storage reliability to be done*
 - Original plan: move data to new storage
- Cabling of new storage (2017 tender) completed
 - *Still serious tuning needed*
- Critical state for Huawei system (CSN2 and CSN3 experiments)
 - Recovered 1/3 of files
 - Contacted experiments with lists of lost files
 - Only 4 answers received
- Wet tape: recovering 1 tape/day
 - *first batch of 20 tapes is being delivered*
 - *End of April for all other tapes...*

Storage status

System	Type	Status	Readiness
Alice	Tape buffer	OK	PRODUCTION
	Disk	Parity ok	PRODUCTION
Atlas	Tape buffer	OK	PRODUCTION
	Disk	parity ok	Ready PRODUCTION
CMS	Disk + tape buffer	Degraded parity: raid5 in few LUNs, raid 6 in the others Disks to be replaced	PRODUCTION
LHCb	Disk + tape buffer	Data to be moved to the new system	RECOVERED Start moving next week
AMS	Disk	Parity ok	Ready PRODUCTION (NO TAPE)
Virgo	Disk + tape buffer	OK	PRODUCTION
Darkside	Disk	OK	PRODUCTION
Astro-particle experiments	Disk	Maintenance intervention	CRITICAL



Impossible to recover
2/3 of files
Working to recover the
last third