Current status

Location		DATADISK	Location		DATADISK	Location		DATADISK
BNL-OSG2	Used	5400	INFN-T1	Used	1746	RAL-LCG2	Used	2931
	Free	208		Free	77		Free	319
	Total	5608		Total	1823		Total	3250
CERN-PROD	Used	2204	NDGF-T1	Used	1661	SARA-MATRIX	Used	1730
	Free	196		Free	219		Free	73
	Total	2400		Total	1880		Total	1803
FZK-LCG2	Used	2617	NIKHEF-ELPROD	Used	490	TAIWAN-LCG2	Used	1235
	Free	123		Free	106		Free	66
	Total	2740		Total	597		Total	1301
IN2P3-CC	Used	3252	PIC	Used	1120	TRIUMF-LCG2	Used	2009
	Free	385		Free	100		Free	286
	Total	3637		Total	1220		Total	2295

Bourricot graphs

Used disk space for INFN-T1_DATADISK

- DQ2
- SRM used
- SRM total

Used disk space for TAIWAN-LCG2_DATADISK

- SRM total datadisk 1300.7 TB
- SRM used datadisk 1228.3 TB
- DQ2 datadisk 1293.4 TB
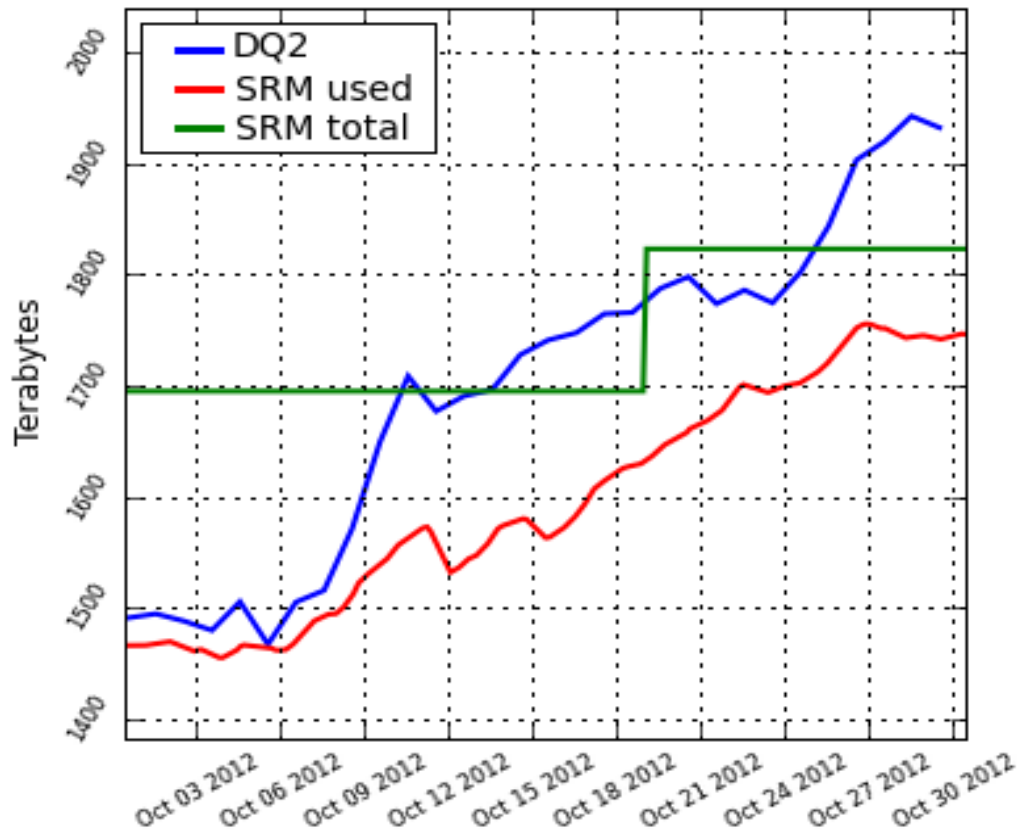
- 196 TB overlapping datasets
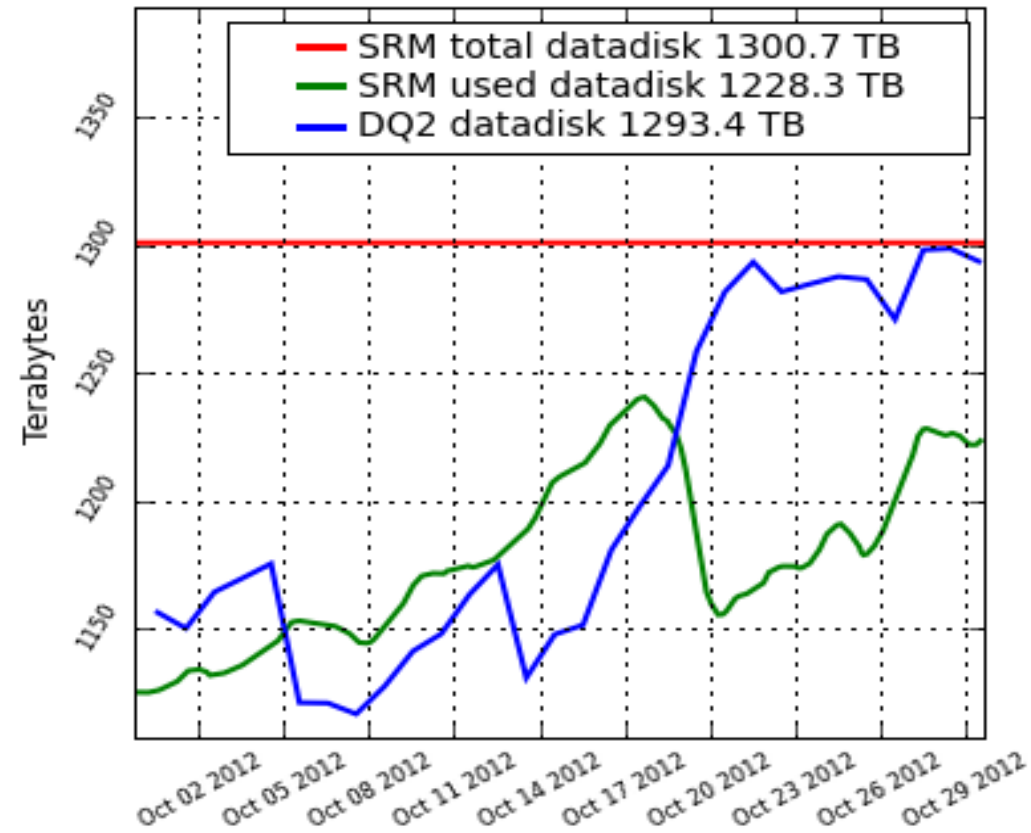
- 76.5 TB

Mitigation steps

- TAIWAN will add 50 TB to DATADISK

- INFN-T1 and TAIWAN out of T1-T1 replication

- INFN-T1 out of T0 export

- Today we will start deleting group datasets from T1 DATADISKs

  - This was agreed with groups

  - ~20k datasets, ~200TBs

  - More datasets will be come to this mechanism

- Try to identify unneeded primary replicas of certain datasets

  - Long term step

Number of Physical Bytes (in TBs) (Sum: 15,623)

data12*raw - 12.41%

mc12*aod - 12.70%

data12*esd - 13.02%

1,934

1,978

2,028
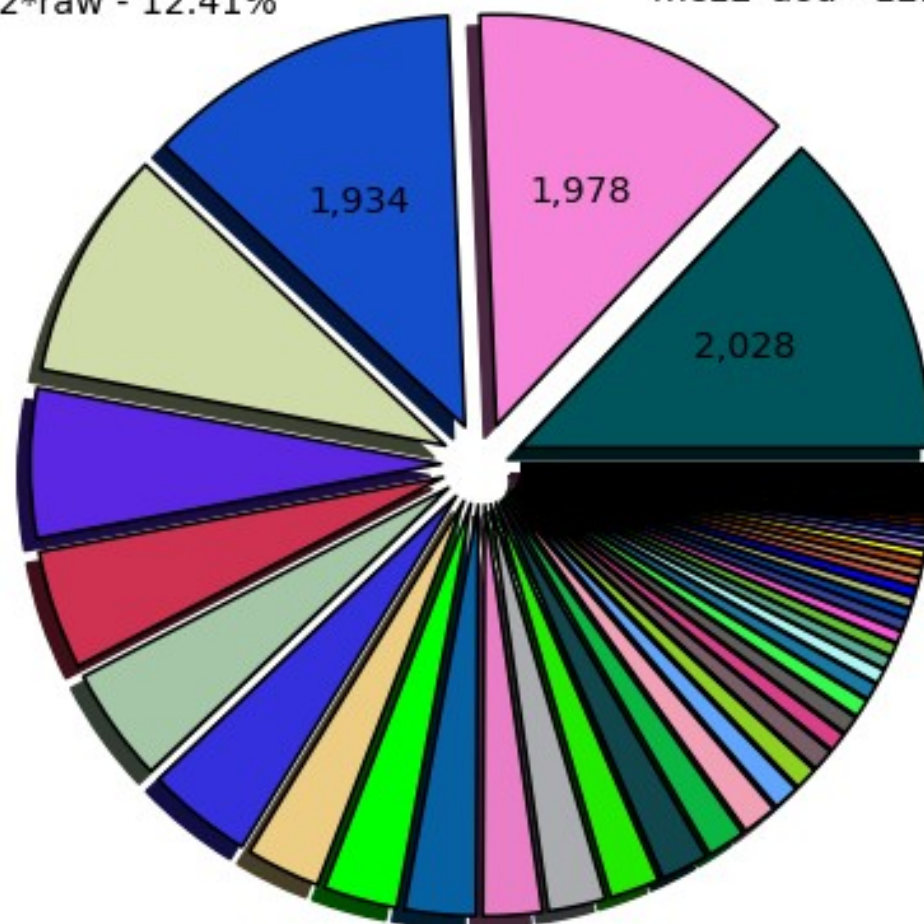
■ data12*esd - 13.02% (2,029)	■ mc12*aod - 12.70% (1,979)	■ data12*raw - 12.41% (1,934)	■ mc11*aod - 9.03% (1,407)
■ data12*aod - 5.88% (917.00)	■ data12*desd - 4.70% (732.00)	■ mc11*hits - 4.53% (706.00)	■ data11*esd - 4.17% (650.00)
■ mc12*hits - 2.94% (457.00)	■ data10*ntup - 2.93% (456.00)	■ mc12*evnt - 2.81% (438.00)	■ mc11*evnt - 2.33% (363.00)
■ data12*desdm - 2.27% (353.00)	■ valid1*esd - 1.98% (308.00)	■ data11*aod - 1.87% (292.00)	■ mc10*hits - 1.51% (236.00)
■ mc10*aod - 1.40% (218.00)	■ mc11*rdo - 1.04% (162.00)	■ data11*desd - 0.91% (142.00)	■ mc10*evnt - 0.87% (136.00)
■ data11*desdm - 0.75% (117.00)	■ data10*desdm - 0.73% (114.00)	■ valid1*hits - 0.66% (103.00)	■ valid1*hits - 0.66% (103.00)
■ mc09*log - 0.57% (89.00)	■ data11*ntup - 0.51% (80.00)	■ mc11*esd - 0.50% (78.00)	■ mc11*log - 0.47% (73.00)
■ data11*hist - 0.46% (72.00)	■ mc12*log - 0.41% (63.00)	■ mc10*log - 0.40% (62.00)	■ data10*esd - 0.39% (61.00)
■ mc12*rdo - 0.35% (54.00)	■ valid1*aod - 0.35% (54.00)	■ valid1*rdo - 0.34% (53.00)	■ data10*hist - 0.31% (48.00)
─ group*other - 0.29% (45.00)	─ mc10*ntup - 0.26% (40.00)	─ mc12*desd - 0.22% (34.00)	... plus 67 more