

20170315 STATUS REPORT

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TOF Detector Preparation

Progress and Plan

96 sets of bakelite guide have arrived on 03/13(Tue).

can start 3bar-2trig test with old FADC(FADC500-IBS).

FADC *2 + TCB + DAQ program will be delivered on 03/16(Thu).

Shielding materials test

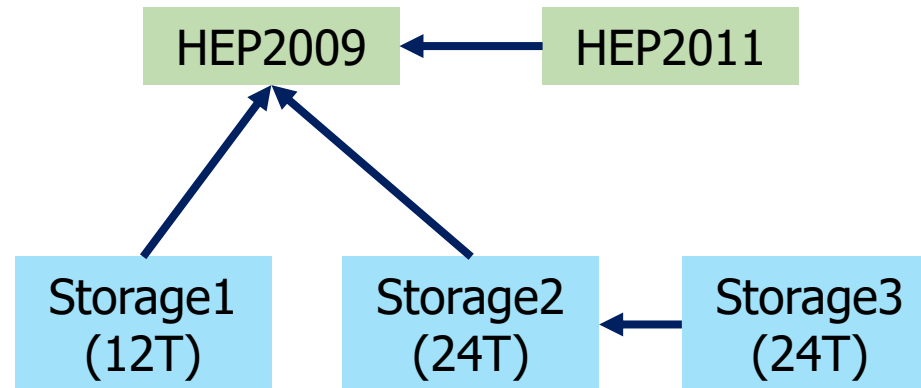
Tyvek, Myler in lab(306)

VM2000 in IBS is not enough, but in Yangyang. (need?)

HEP2009 Down

Hep2009 Problem – external controller

Previous slide (03/08)



Storages and Hep2011 have been mounted on Hep2009.

But, everytime we try to backup(cp), for instance Storage1 to Storage2, or 3,

They give us 'Input/Output error' – which is related with hardware.

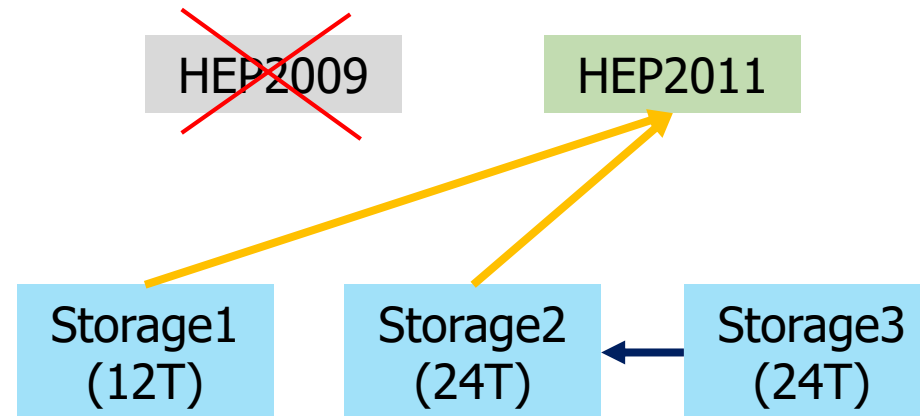
Also, Storage 1 and 2 keep 'Initializing' – still don't know what it means(format?)

By using Hep2009, we cannot backup storages. (if lucky, it can be accessed for a short time)

HEP2009 Down

Hep2009 Problem – version

Previous slide (03/08)



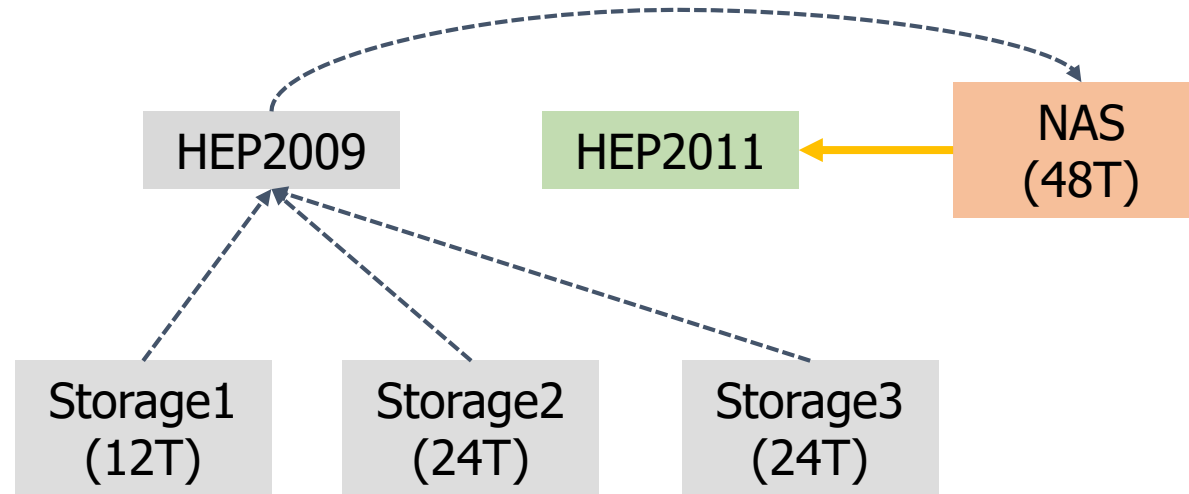
Assign Hep2011 to a main server?

The external controller in Hep2009 and storages are all ver.6. (No external card in Hep2011)
However, nowadays, it is ver.13.

Ver. 6 controller is not available to buy

HEP2009 Down

New Plan



Backup 3 storages and HEP2011 data to NAS(48TB).
Since HEP2009 is not stable, transferred data packet should be small (<1TB).
It might take some times (~ a week?)

NAS will be installed on 03/16(Thu).
For 5 years guarantee, + 600,000 KRW costs.

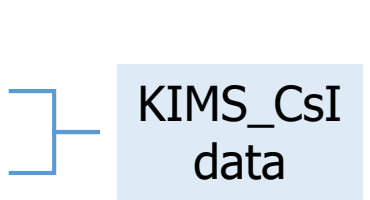
HEP2009 Down

Data in Storages

Previous slide (03/08)

```
[root@hep2009 /]# df -h
df: `/media/CENTOS 7 X8': Input/output error
```

Filesystem	Size	Used	Avail	Use%	Mounted on		
/dev/sda3	855G	5.4G	806G	1%	/		
tmpfs	3.9G	224K	3.9G	1%	/dev/shm		
/dev/sda1	488M	40M	423M	9%	/boot		
/dev/sdc1	917G	664G	206G	77%	/home		
/dev/sdg1	24T	12T	12T	50%	/data3	→	Storage3
/dev/sdf1	24T	21T	3.4T	86%	/data2	→	Storage2
/dev/sde1	12T	2.3T	9.6T	19%	/data1	→	Storage1
/dev/sdb1	917G	72M	871G	1%	/media/6f3a50f5-...		



KIMS_CsI
data

HEP2009 Down

Data in Storages

Storage1(data1)

drwxr-xr-x. 3	515(kwkim)	users	17	Dec 16	2013	CsI_strg
drwxr-xr-x. 5	526(jilee)	users	4.0K	Dec 30	2011	jilee
drwxr-xr-x. 2	root	root	4.0K	Feb 22	00:34	jklee
drwxr-xr-x. 4	506(wgkang)	users	34	Nov 14	2013	kims+nai
drwxr-xr-x. 3	515(kwkim)	users	21	Dec 7	2013	ntpdata
drwxr-xr-x. 4	515(kwkim)	users	35	Jan 7	2011	S35_data
drwxrwxr-x. 8	515(kwkim)	users	73	Jun 27	2012	ssmyung

ntp data(15T)
SET14 ~ SET21

not in CUP cluster

Storage2(data2)

drwxrwxr-x. 7	root	users	76	Oct 29	2010	CsI_strg
drwxrwxr-x. 3	root	users	20	Mar 28	2013	Env_strg
drwxrwxr-x. 6	root	users	65	Aug 10	2010	Neutron_strg

raw data(9T)
SET14 ~ SET21

not in CUP cluster

Storage3(data3)

belle_data data1 LIBRA strg1 test

SET22
ntp data, calibration files,
lowE skim files,
ntuple_sadc_alpha,
rmt10, sep