NAF Status

- **BIRD: Hardware & HTCondor Status**

- **Misc**

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DESY

BIRD status: Hardware

> ## 524 machines; 7172 cores; 4.95 GB/core (mean)

- Mem ratio was 4.8 GB/core End of January

- Nodes from 2009 removed

#node	Purchase Date
55	2010-12
14	2011-05
102	2011-09
9	2011-10
25	2012-06
64	2012-10
16	2012-11
18	2013-01
1	2013-06
2	2013-08
40	2013-09
16	2013-10
64	2014-10
13	2015-07
22	2015-09
23	2016-10
40	2016-11

#node	Mem/Core
10	1.45
4	1.95
23	2.60833
2	3.145
1	3.90833
264	3.925
26	5.24167
1	5.505
100	5.9
60	6.29
32	7.86667
1	21.0

ATLAS fairshare „problems"

> Atlas reported slow ramp-up of jobs when CMS was using most of the resources

- Fair-Share tree is OK

- Scheduler is working

- #jobs is not the only metric: Some people were asking for 20 GB RAM ... Takes time!

- We found jobs from ATLAS that entered running state after ~5-10 minutes (max).

> Note: If people find „slow" nodes: Please contact us!!!

- Excluding nodes from submission is not helpful!

HTCondor Status

> Minor fixes for K5&AFS credential handling needed by HTCondor developers

> DESY: Currently preparations for test/pilot environment

  ▪ Hardware, automated Puppet configuration, tools, ...

> Time estimate: Hope for March

  ▪ Test cases so far: UniHH/CMS and KIT/Belle

Distro:

> SL 6: Entering „Production Phase 3" in 10.5.2017 / EOL 30.11.2020

  - „... New functionality and new hardware enablement are not planned..."

  - Think about migrating away from SL 6!!!!

> EL7: No WGS ... But: qrsh –l os=el7

  - ~ 20 WN with EL7 available

  - Please test (and use)!

  - Anyone had a try?

Reboot of WGS

> Currently, we reboot WGS because of /tmp reconfiguration

> Previously: /tmp separate partition of ~4 GB

> Now: Same partition as /scratch (which is large)

   ▪ /scratch : Usual user stuff goes in, no automated deletion

   ▪ /tmp -> /scratch/tmp : Temp stuff goes in, tempwatch deletes after ~10 days

> If /tmp full, no login possible, different other nasty things