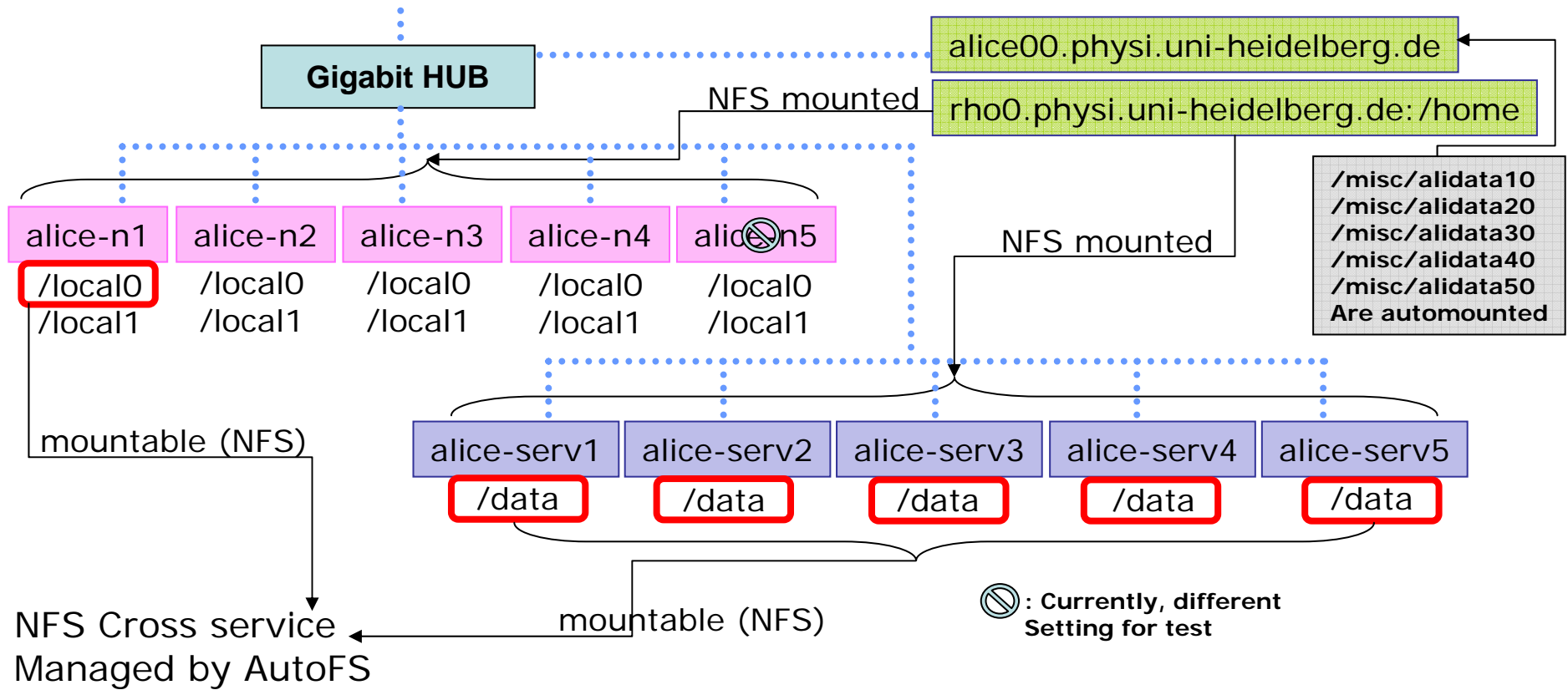


Status of Tier-3 in HD

MinJung Kweon
May/25/2006

Current status of Tier-3 in HD



automount using autofs to all clients as

/misc/alisoft	alice-n1: /local0	Software storage (AliRoot installed)
/misc/alidata10	alice-serv1: /data	
/misc/alidata20	alice-serv2: /data	Data storage
/misc/alidata30	alice-serv3: /data	
/misc/alidata40	alice-serv4: /data	
/misc/alidata50	alice-serv5: /data	

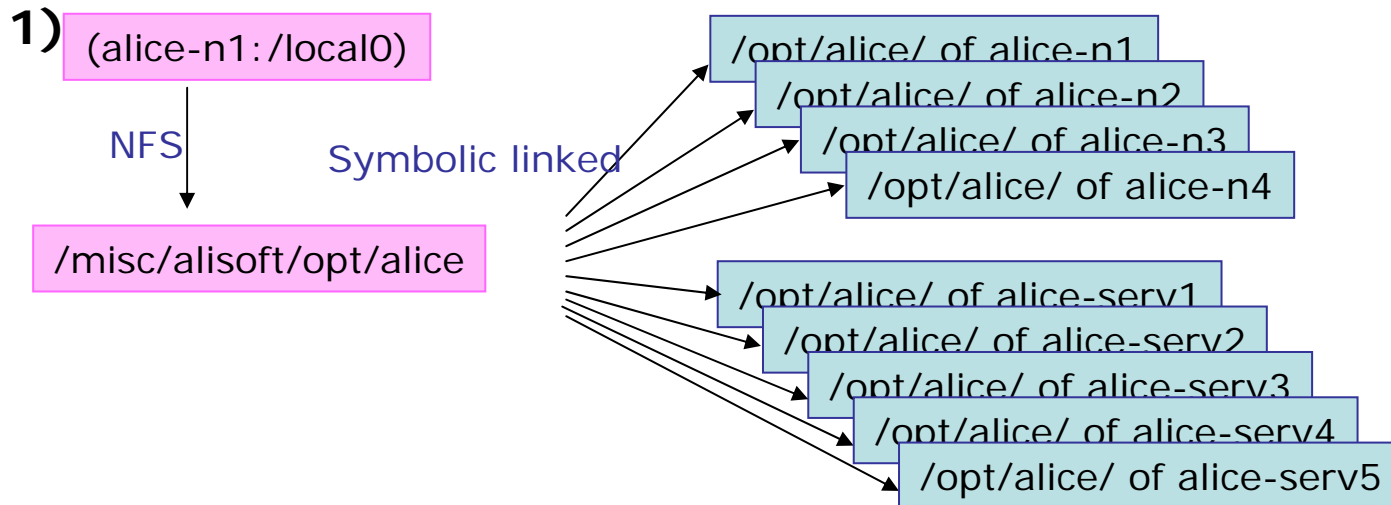
```

/local0/alice_u
/local1/alice_u
/data/alice_u of all nodes } group-writeable

alice_u0 -> /local0/alice_u
alice_u1 -> /local1/alice_u
alidata10 -> /misc/alidata10
alidata20 -> /misc/alidata20
alidata30 -> /misc/alidata30
alidata40 -> /misc/alidata40
alidata50 -> /misc/alidata50
alisoft -> /misc/alisoft
    
```

Linked to top dir of each node

More detail for users



AliRoot setup file : /misc/alisoft/opt/alice/bin/alilogin

There are some ongoing discussion for aliroot setup file scheme. Will be updated later

2) Currently, xrootd is available.

One can use alice-serv1:/data, alice-serv3:/data, alice-serv4:/data, alice-serv5:/data as a dataserer

Here is a link for whom want some basics about xrootd.

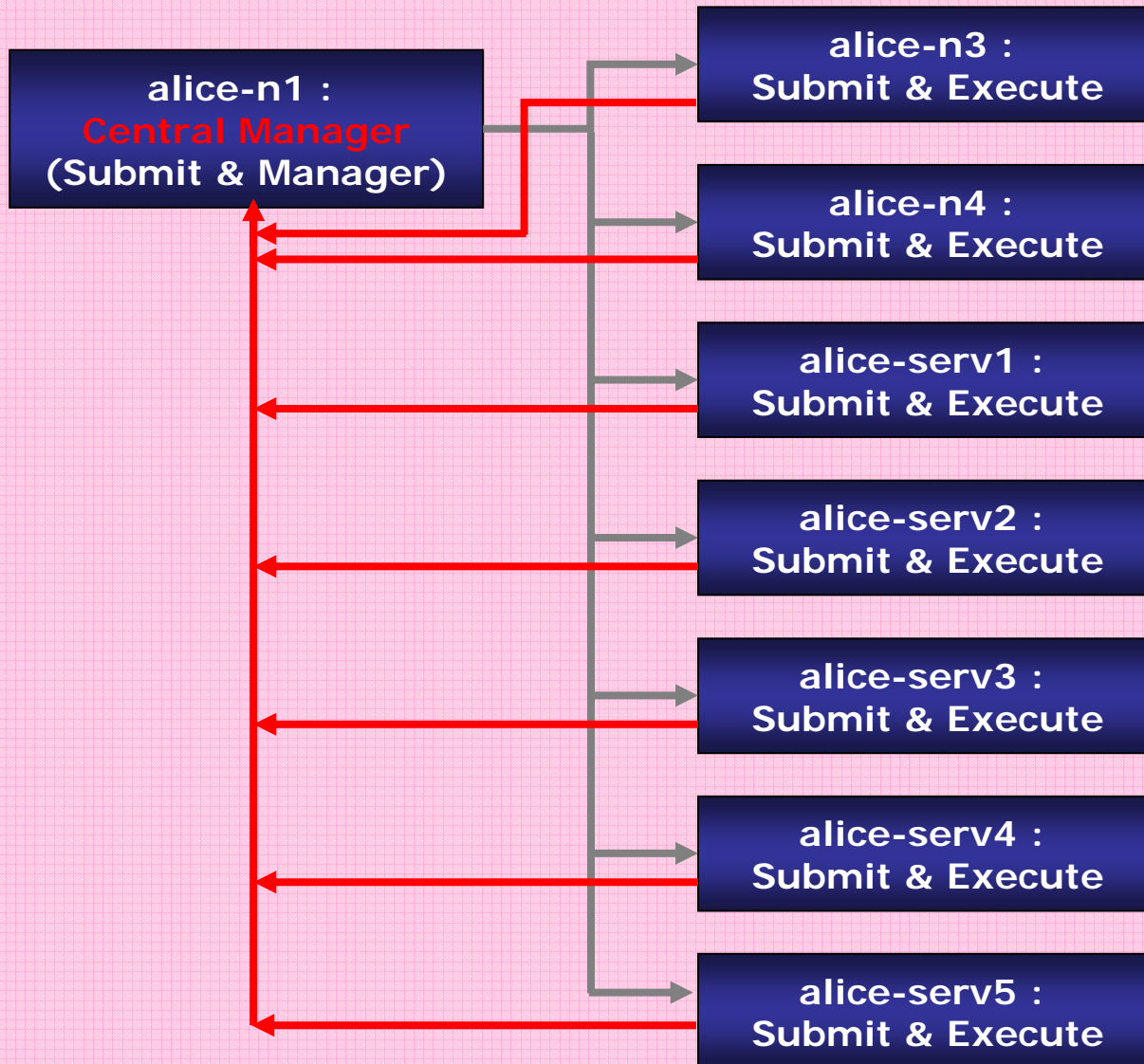
<http://xrootd.slac.stanford.edu/examples/>

3) User writable directories. User group "ceres"

```
alice-n1:/local0/alice_u
alice-n2:/local0/alice_u
alice-n2:/local1/alice_u
...
alice-n4:/local0/alice_u
alice-n4:/local1/alice_u
alice-serv1:/data/alice_u
...
alice-serv5:/data/alice_u
```

Recommend you make your top-dir. corresponding to your username

HD Condor POOL

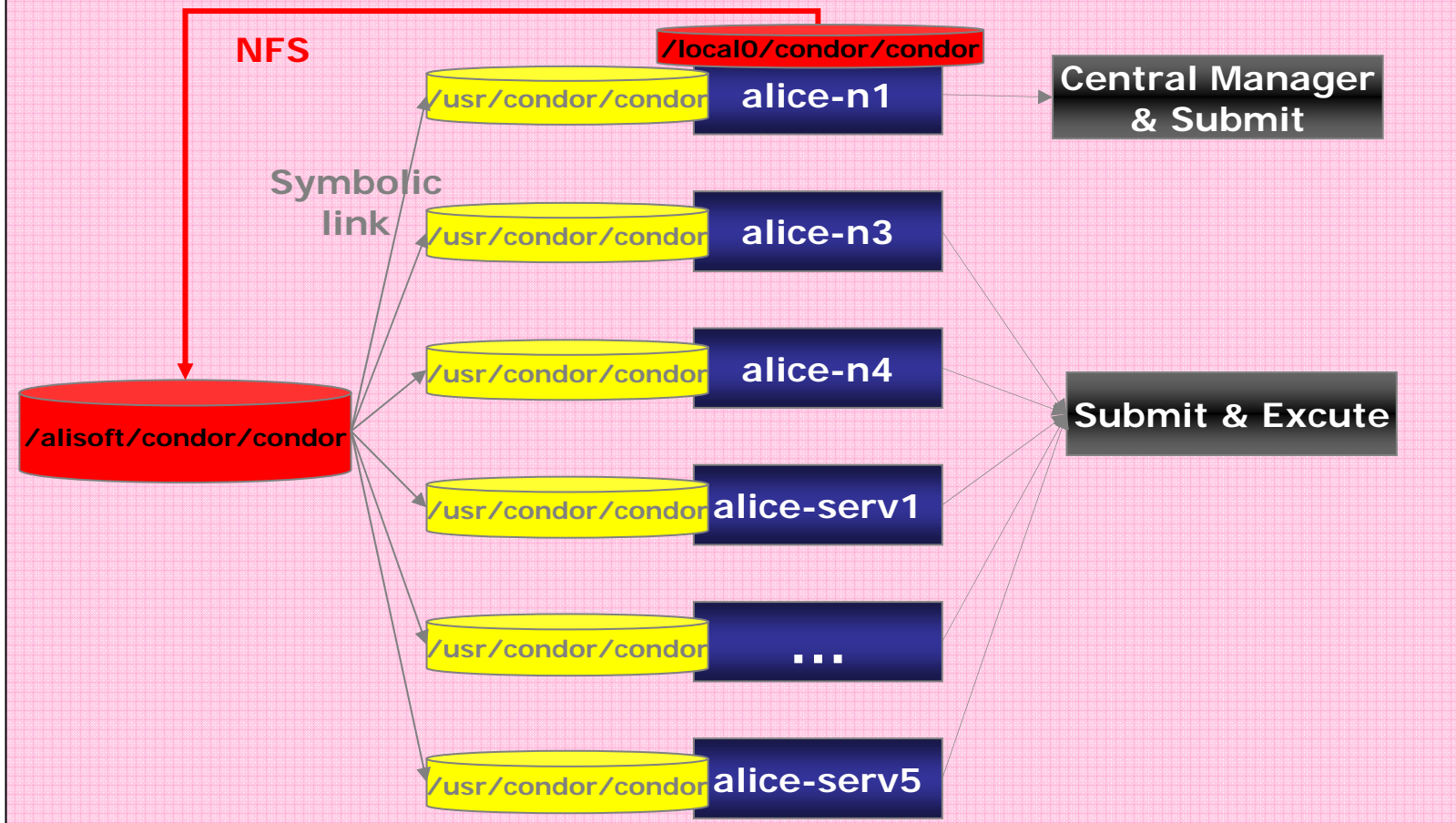


← Job submit flow

→ Job execute flow

alice-n2, alice-n5
: temporary missing

HD POOL more detail



Each node has it's own `/usr/condor/local` directory for local configuration

Using Condor

- Add the path for condor binary
 - setenv PATH /usr/condor/condor/bin: \${PATH}
- One can submit job in any node and the jobs will be run in alice-n3(4) and alice-serv1(2,3,4,5)
- You can see how to submit and check jobs in the below well summarized page
http://www.biostat.wisc.edu/bcg/services/condor.html#batch_prepare
Note: In your job's submit description file "should_transfer_files" should be "YES"
- Example script for submitting jobs:
/alidata10/alice_u/minjung/condor_test/condor_test.sh
(also need sh_loop and file.txt in the same dir)
- You can see some more detail at the links in section C of the below page
<http://www.physi.uni-heidelberg.de/~mjkwn/alicegirl/links.html>

Please play with and give any reports or comments