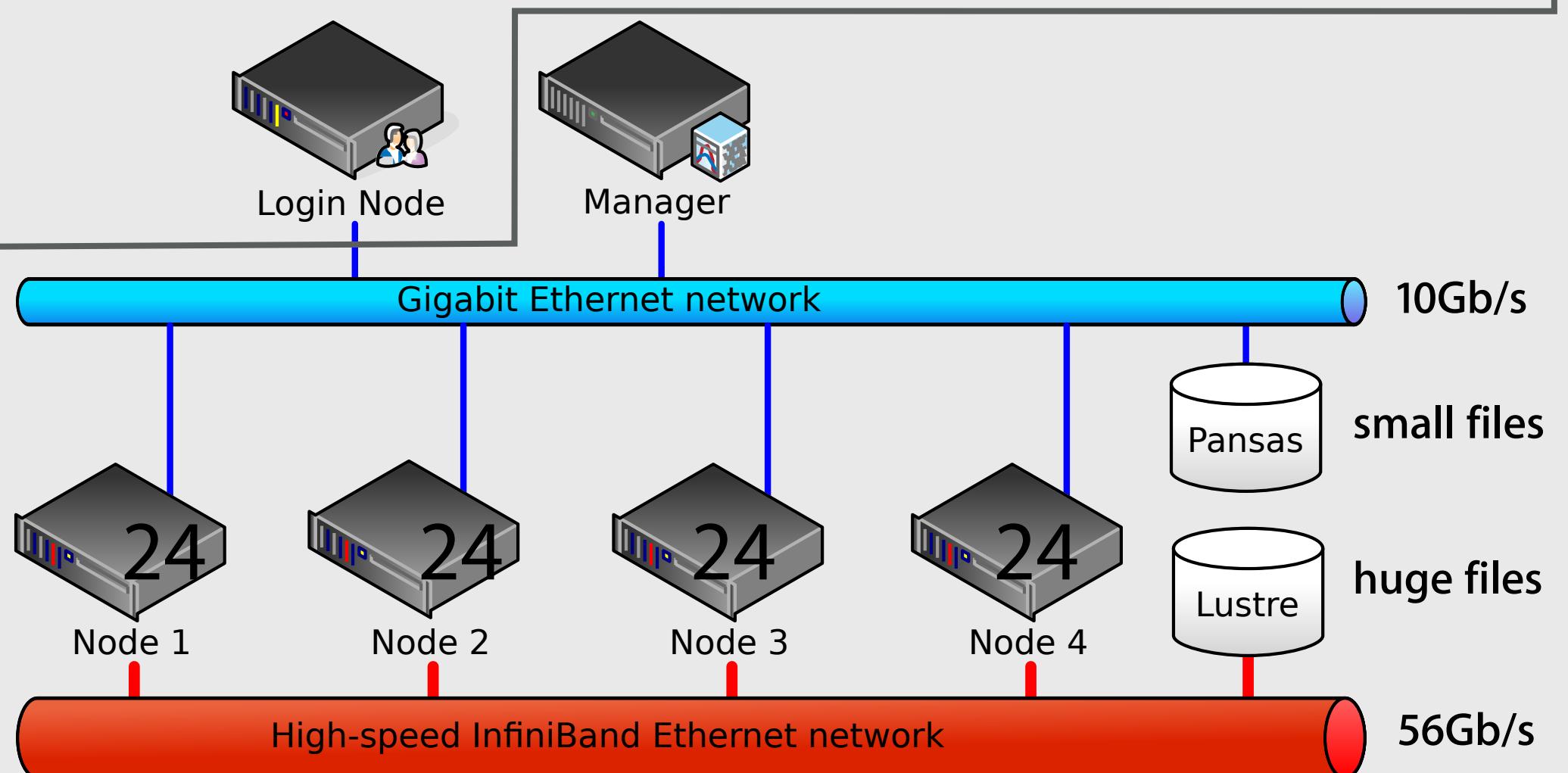


# Clean Job Babysitting

I. Configure Job with HPCJobConfigurator:

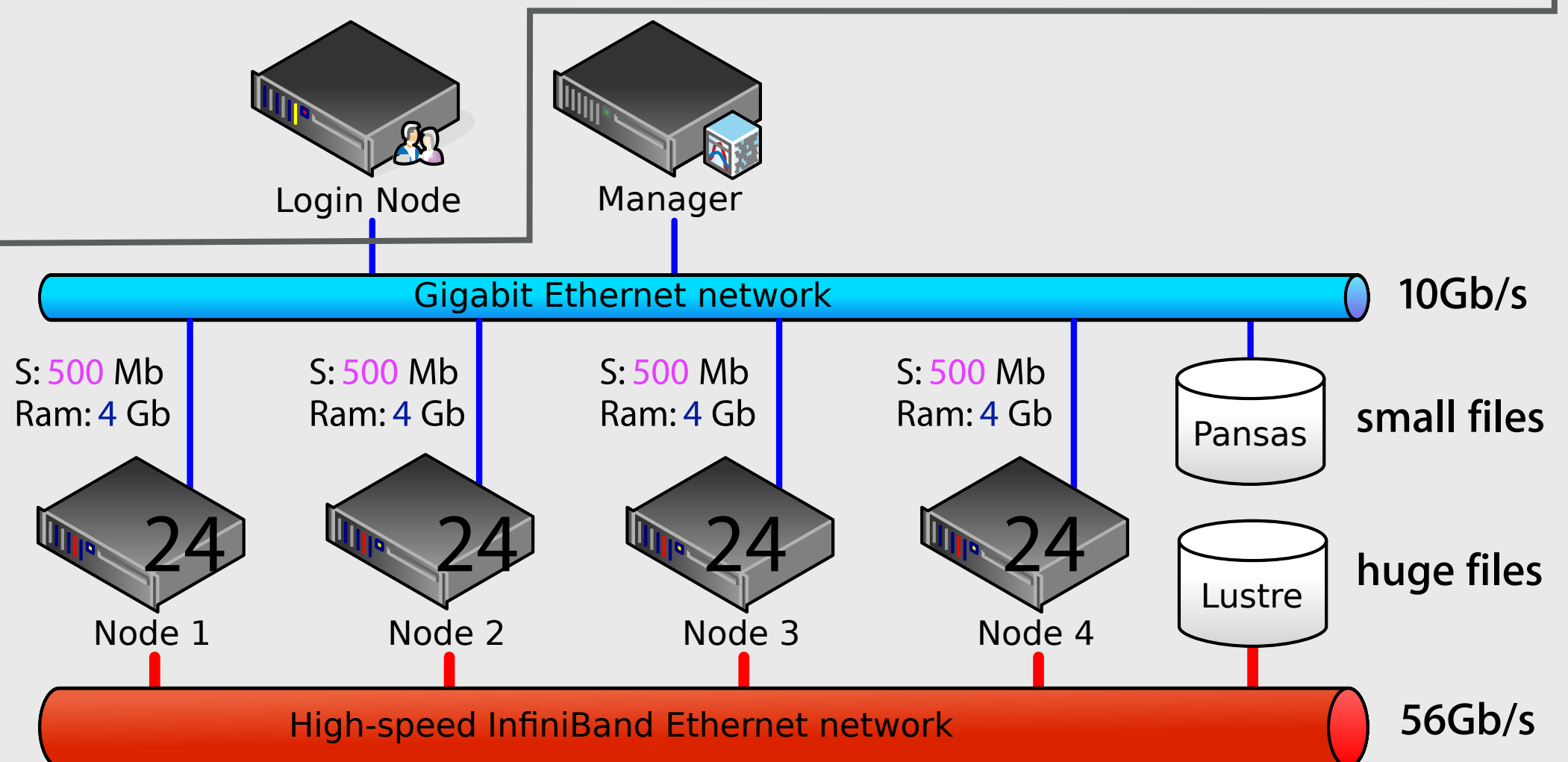
```
python configureJob.py -x Job.ini  
-p 92 -l 500 -r 4000 -t 720 -n 2
```



# Clean Job Babysitting

I. Configure Job with HPCJobConfigurator:

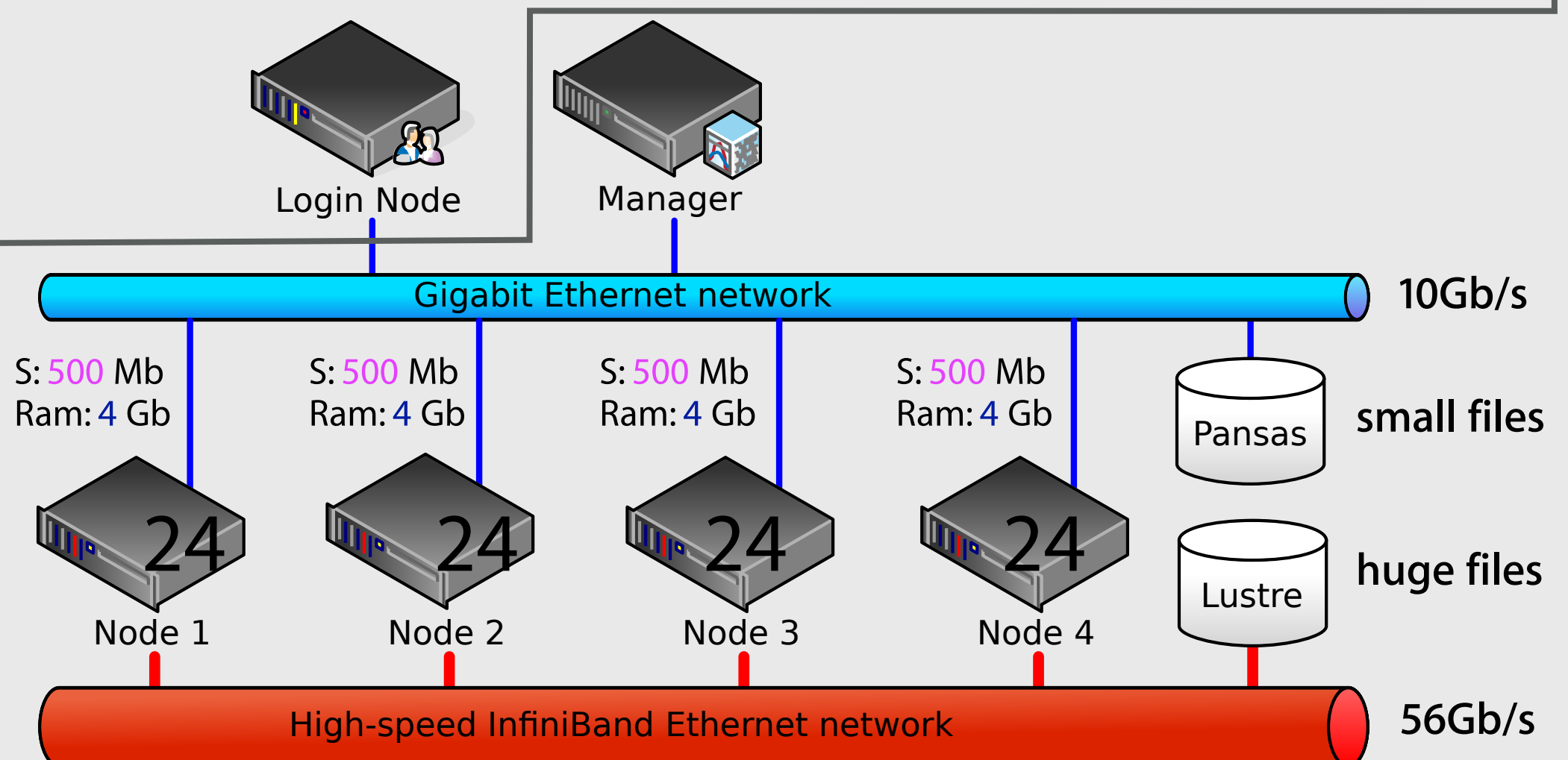
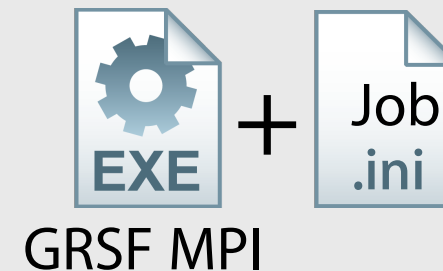
```
python configureJob.py -x Job.ini  
-p 92 -l 500 -r 4000 -t 720 -n 2
```



# Clean Job Babysitting

I. Configure Job with HPCJobConfigurator:

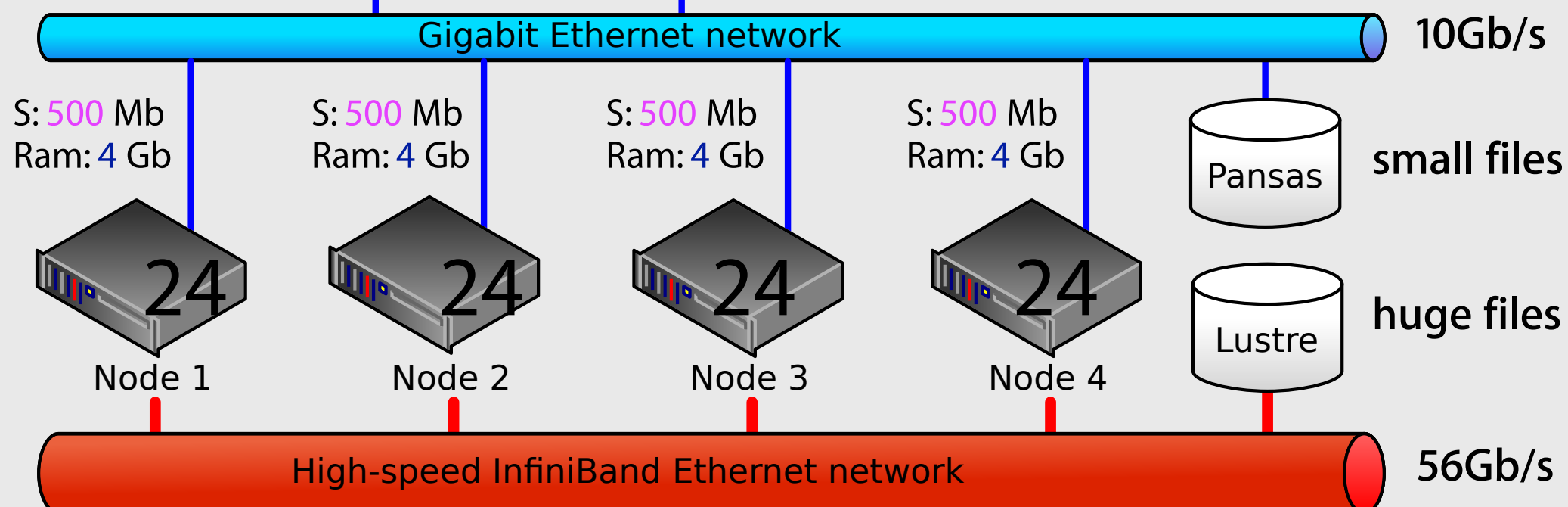
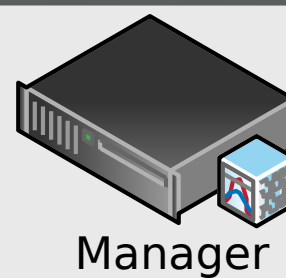
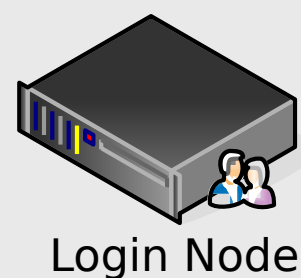
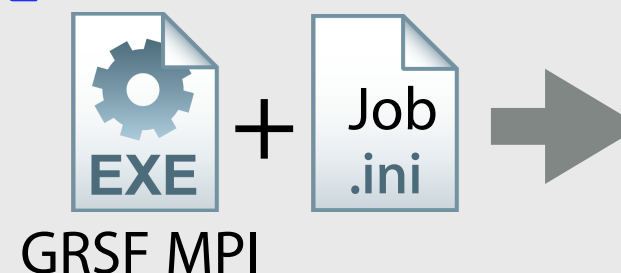
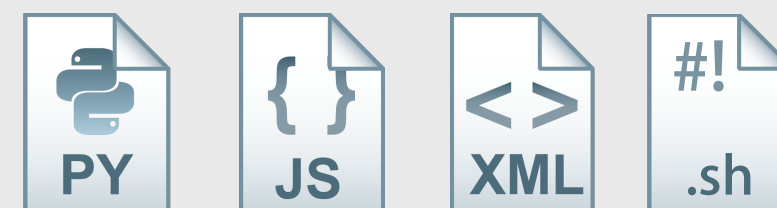
```
python configureJob.py -x Job.ini  
-p 92 -l 500 -r 4000 -t 720 -n 2
```



# Clean Job Babysitting

I. Configure Job with HPCJobConfigurator:

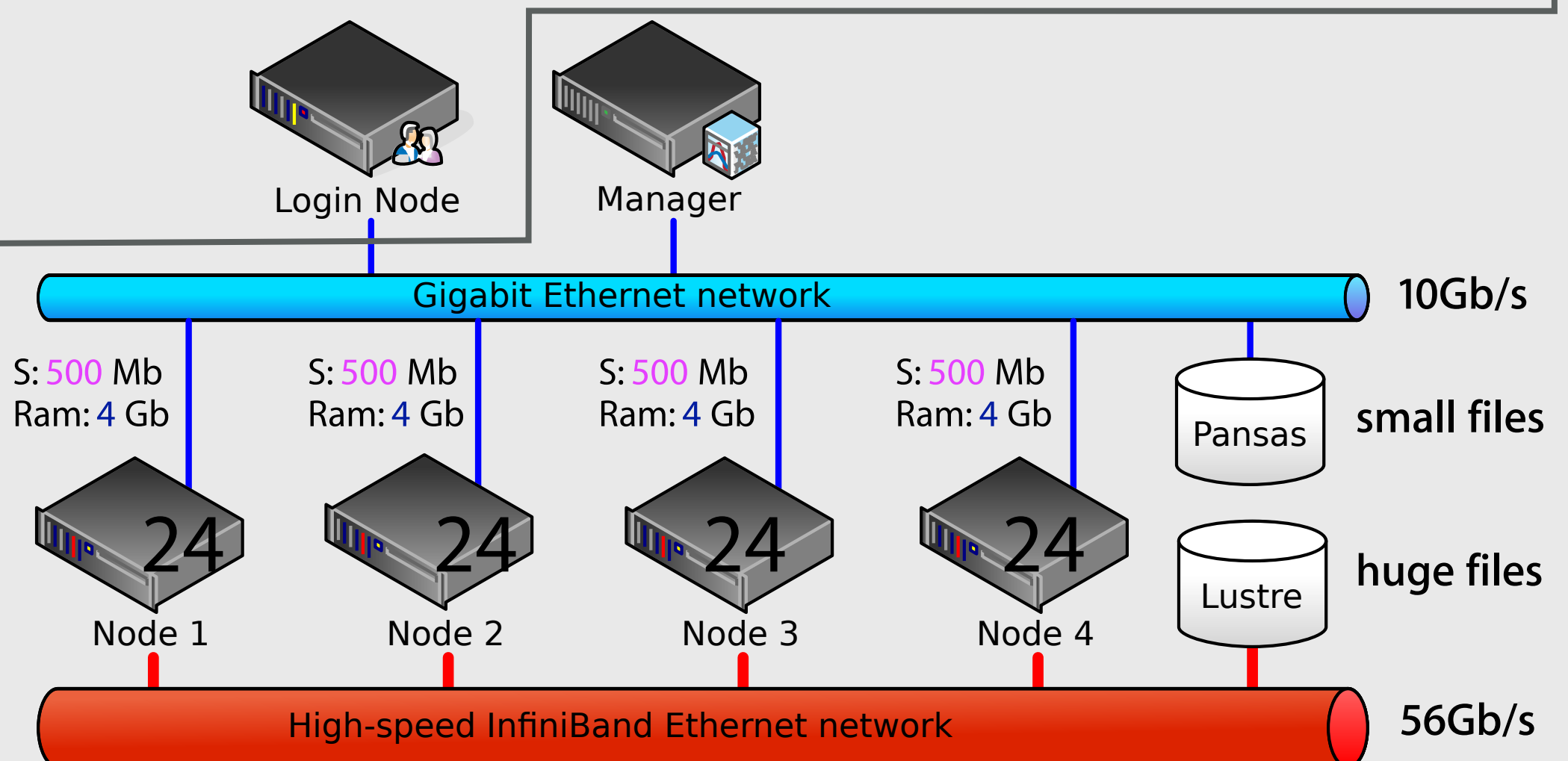
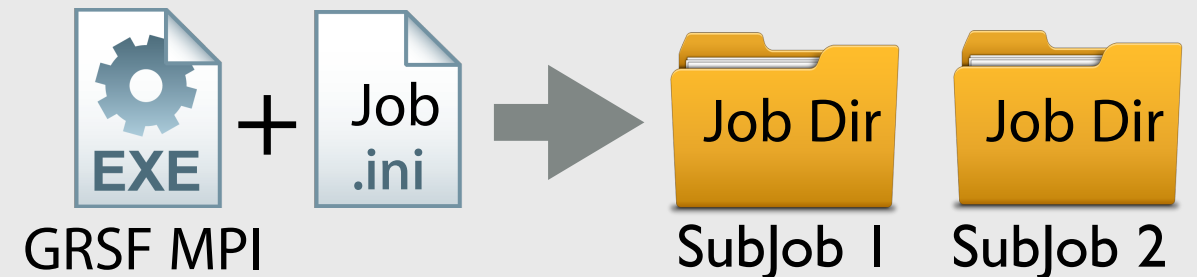
```
python configureJob.py -x Job.ini
-p 92 -l 500 -r 4000 -t 720 -n 2
```



# Clean Job Babysitting

I. Configure Job with HPCJobConfigurator:

```
python configureJob.py -x Job.ini  
-p 92 -l 500 -r 4000 -t 720 -n 2
```

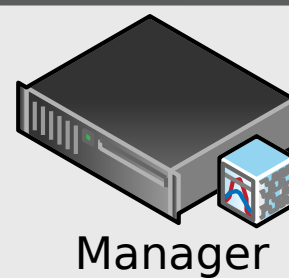
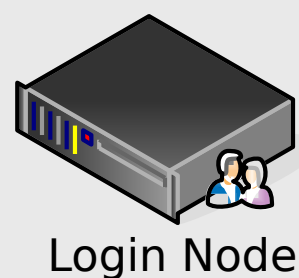
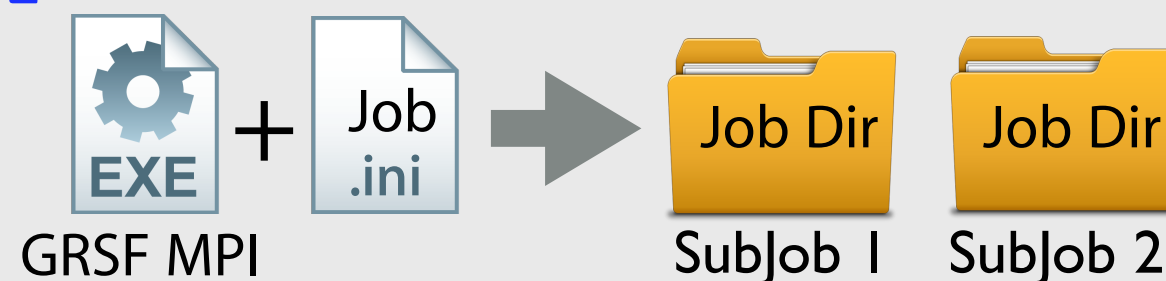


# Clean Job Babysitting

1. Configure Job with HPCJobConfigurator:

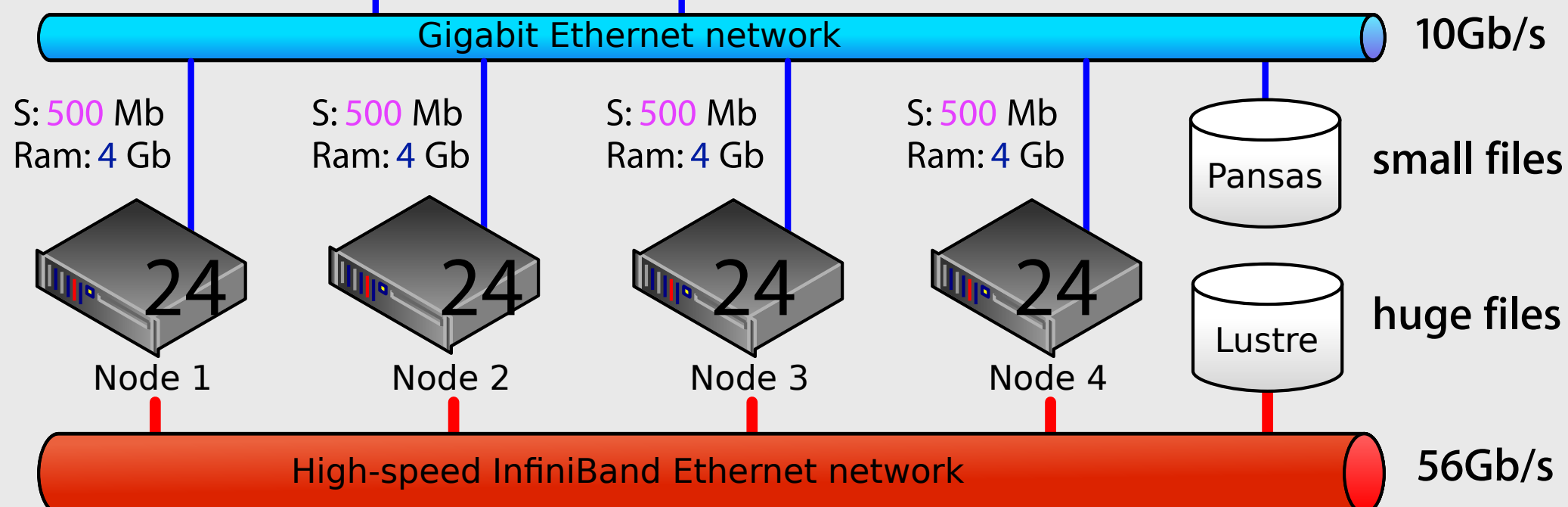
```
python configureJob.py -x Job.ini  
-p 92 -l 500 -r 4000 -t 720 -n 2
```

2. Submit Job with **bsub**



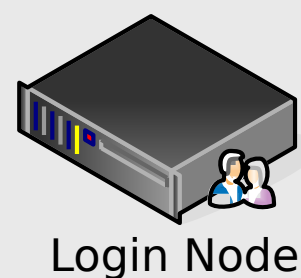
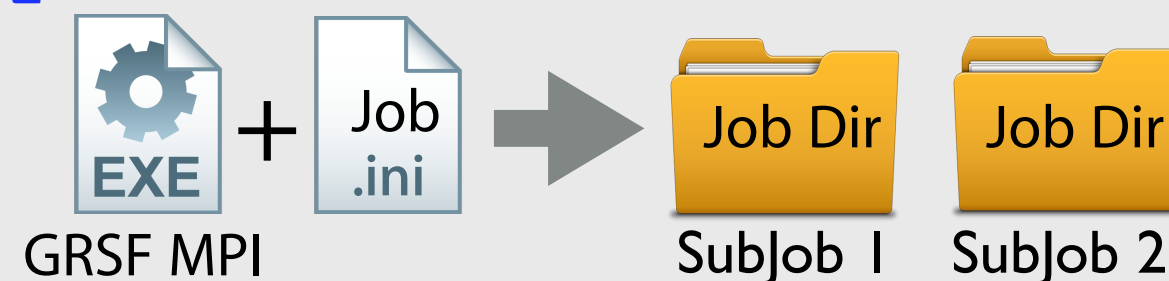
**bsub**

**bsub**



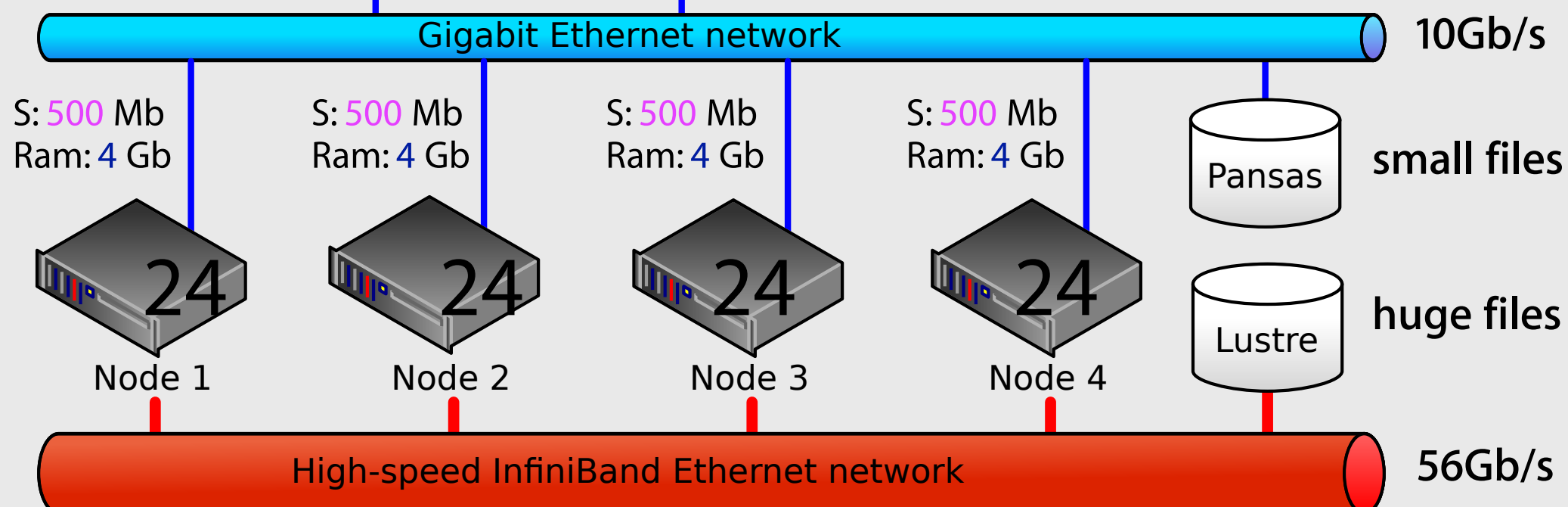
# Clean Job Babysitting

1. Configure Job with HPCJobConfigurator:  
`python configureJob.py -x Job.ini`  
`-p 92 -l 500 -r 4000 -t 720 -n 2`
2. Submit Job with **bsub**
3. Trink coffee and hope for the best!



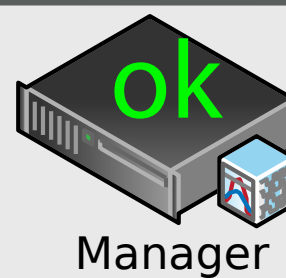
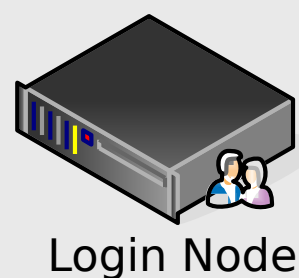
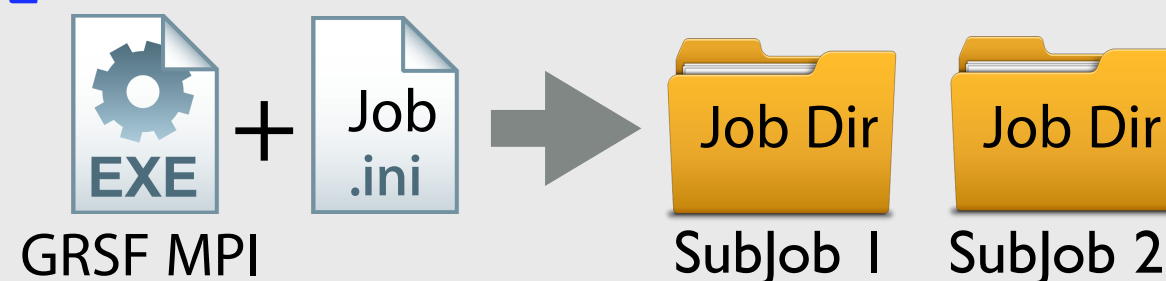
**bsub**

**bsub**



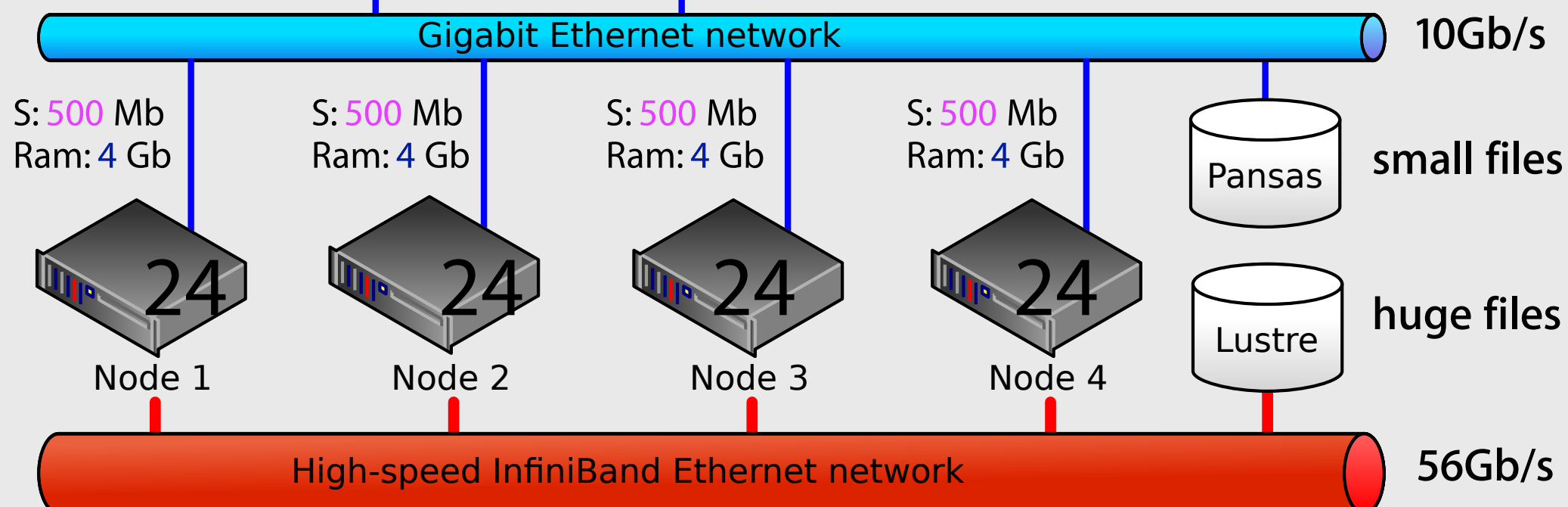
# Clean Job Babysitting

1. Configure Job with HPCJobConfigurator:  
`python configureJob.py -x Job.ini  
-p 92 -l 500 -r 4000 -t 720 -n 2`
2. Submit Job with **bsub**
3. Trink coffee and hope for the best!
4. Job launched: woo!



**bsub**

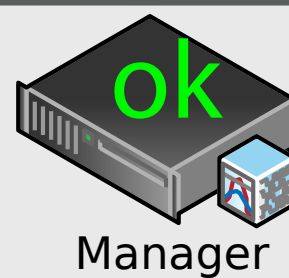
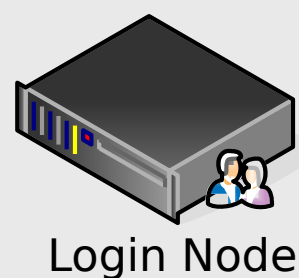
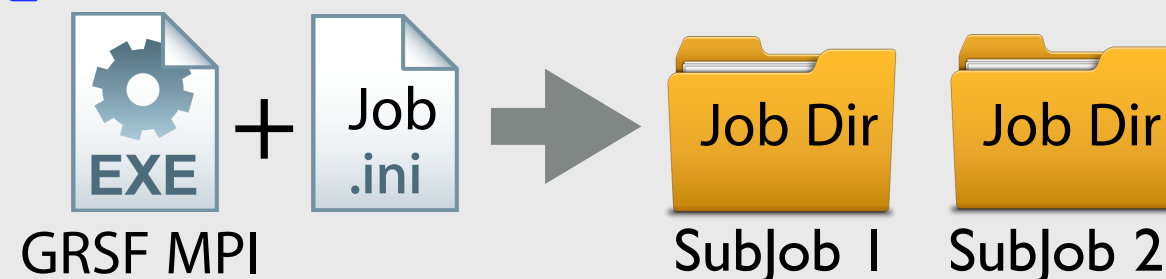
**bsub**





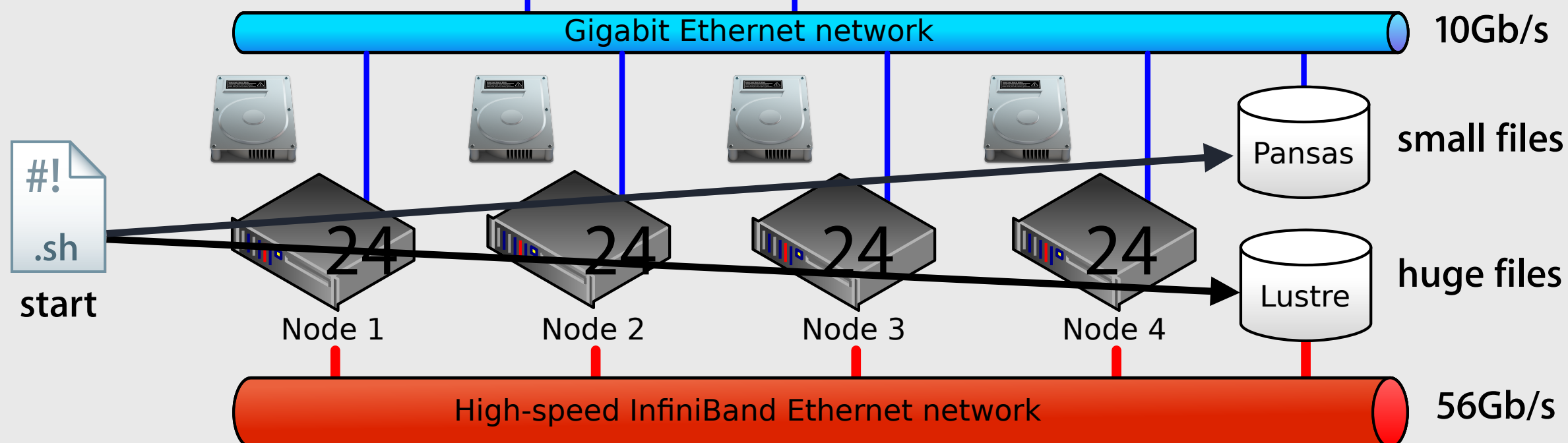
# Clean Job Babysitting

1. Configure Job with HPCJobConfigurator:  
`python configureJob.py -x Job.ini`  
`-p 92 -l 500 -r 4000 -t 720 -n 2`
2. Submit Job with **bsub**
3. Trink coffee and hope for the best!
4. Job launched: woo!



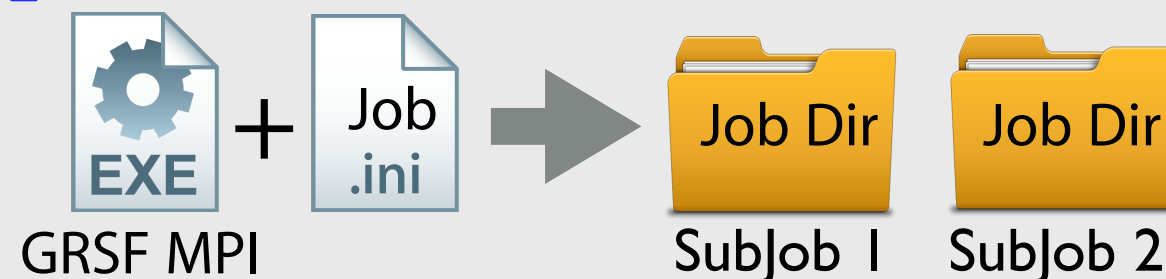
**bsub**

**bsub**



# Clean Job Babysitting

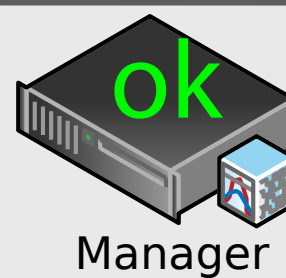
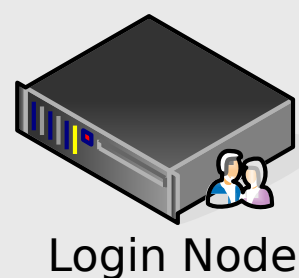
1. Configure Job with HPCJobConfigurator:  
`python configureJob.py -x Job.ini`  
`-p 92 -l 500 -r 4000 -t 720 -n 2`



2. Submit Job with **bsub**

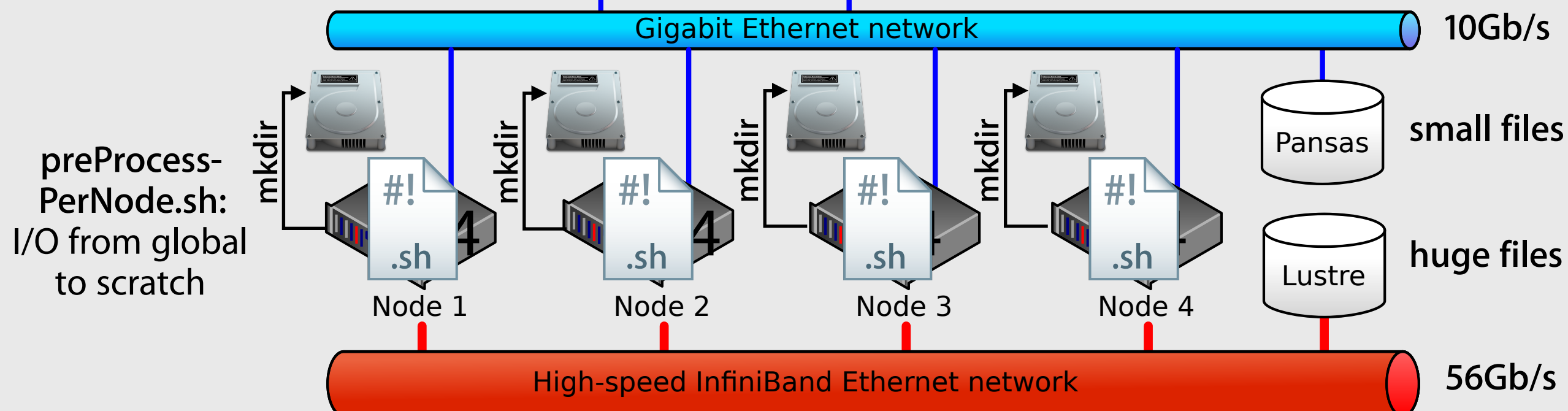
3. Trink coffee and hope for the best!

4. Job launched: woo!



**bsub**

**bsub**



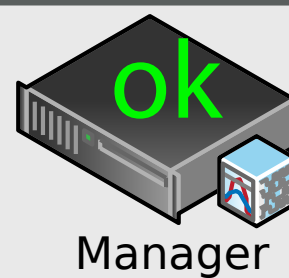
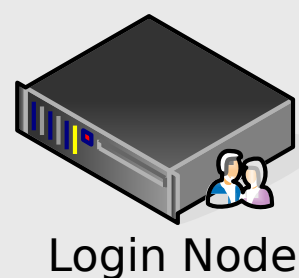
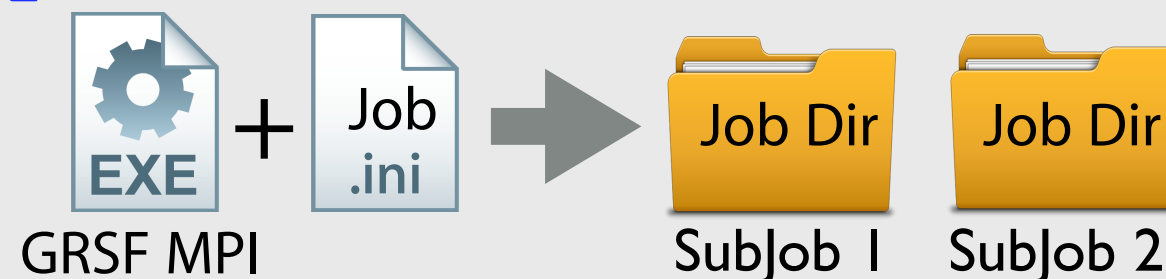
# Clean Job Babysitting

1. Configure Job with HPCJobConfigurator:  
`python configureJob.py -x Job.ini  
-p 92 -l 500 -r 4000 -t 720 -n 2`

2. Submit Job with **bsub**

3. Trink coffee and hope for the best!

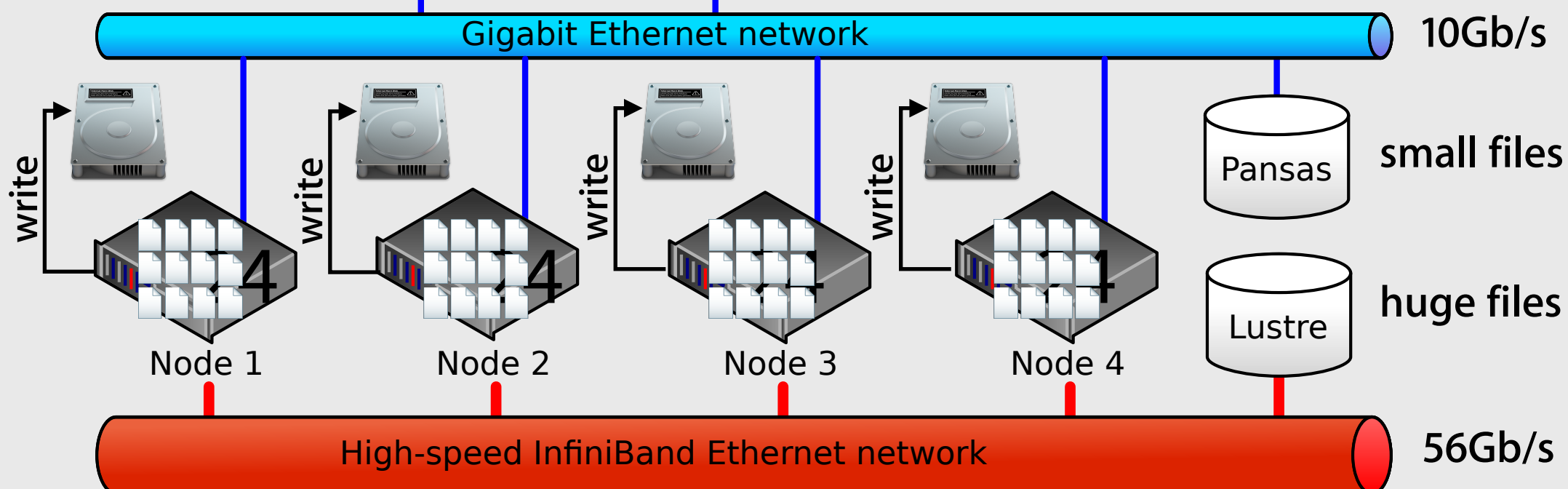
4. Job launched: woo!



**bsub**

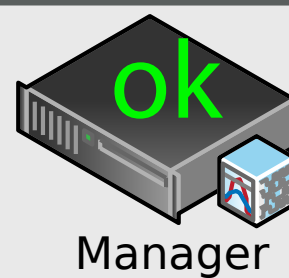
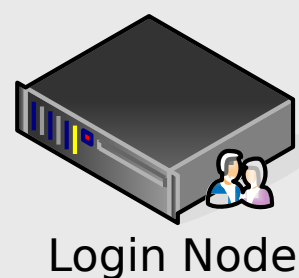
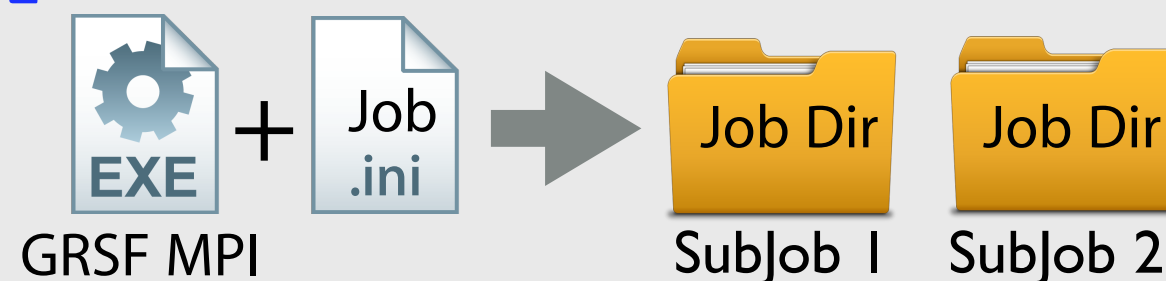
**bsub**

**process.sh:**  
- compute  
- do I/O



# Clean Job Babysitting

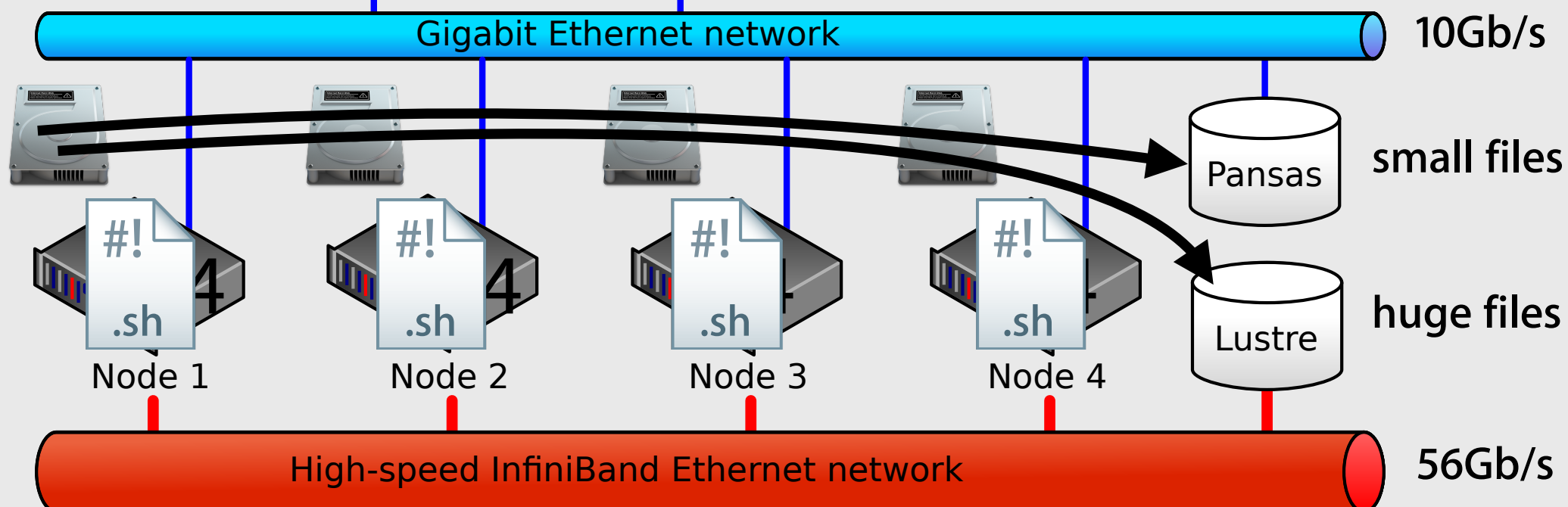
1. Configure Job with HPCJobConfigurator:  
`python configureJob.py -x Job.ini`  
`-p 92 -l 500 -r 4000 -t 720 -n 2`
2. Submit Job with **bsub**
3. Trink coffee and hope for the best!
4. Job launched: woo!



**bsub**

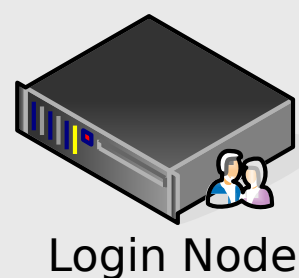
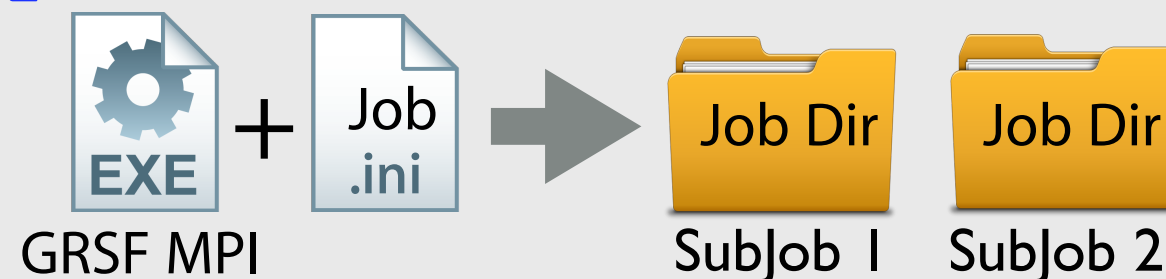
**bsub**

postProcess-  
PerNode.sh:  
I/O from scratch  
to global



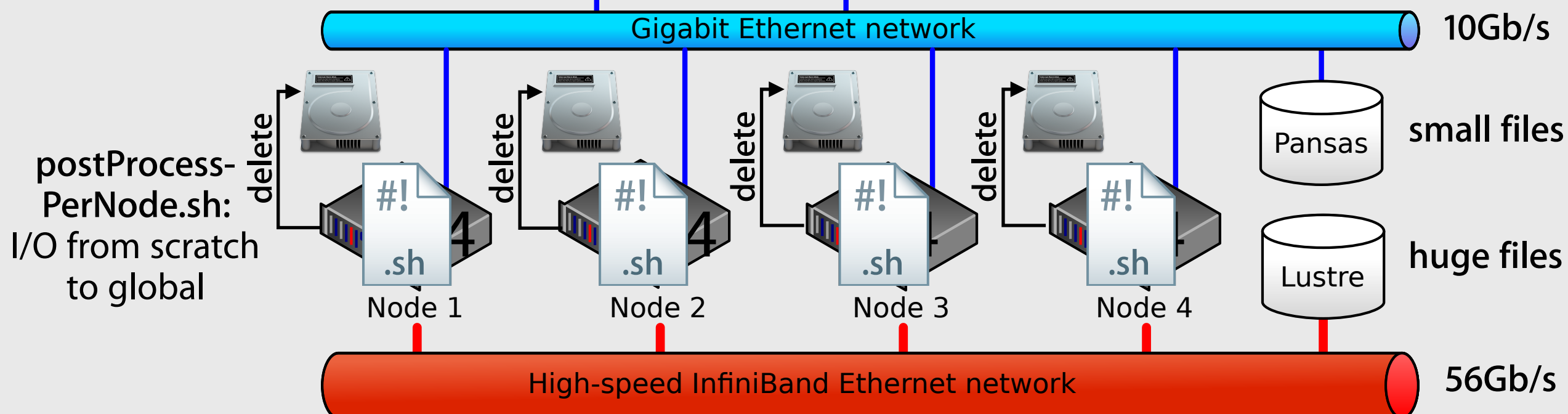
# Clean Job Babysitting

1. Configure Job with HPCJobConfigurator:  
`python configureJob.py -x Job.ini  
-p 92 -l 500 -r 4000 -t 720 -n 2`
2. Submit Job with **bsub**
3. Trink coffee and hope for the best!
4. Job launched: woo!



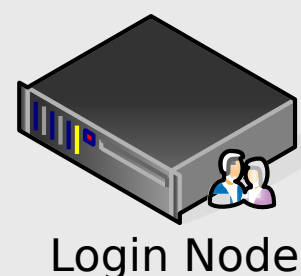
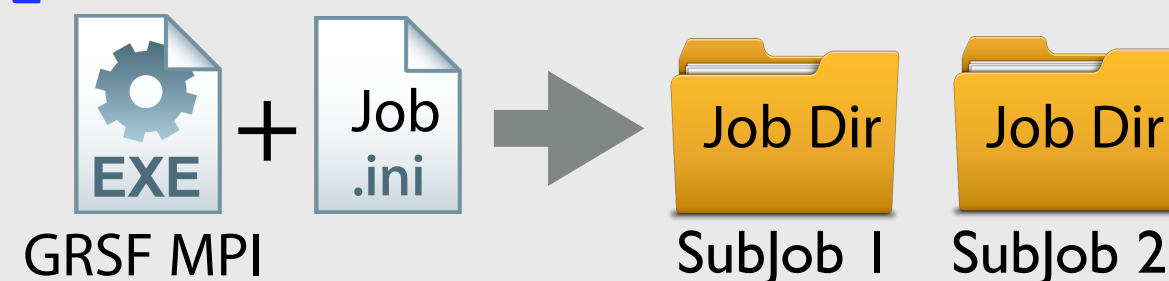
**bsub**

**bsub**



# Clean Job Babysitting

1. Configure Job with HPCJobConfigurator:  
`python configureJob.py -x Job.ini  
-p 92 -l 500 -r 4000 -t 720 -n 2`
2. Submit Job with **bsub**
3. Trink coffee and hope for the best!
4. Job launched: woo!



**bsub**

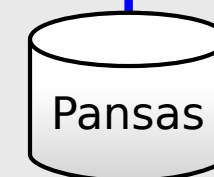
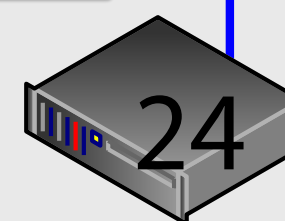
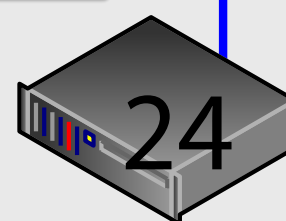
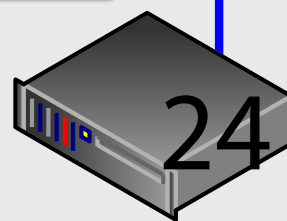
**bsub**

Gigabit Ethernet network 10Gb/s



end:

- (file validation)
- notify user



small files



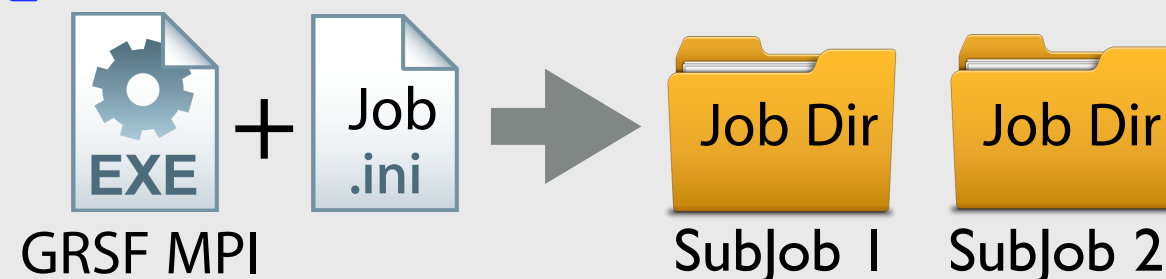
huge files

High-speed InfiniBand Ethernet network 56Gb/s



# Clean Job Babysitting

1. Configure Job with HPCJobConfigurator:  
`python configureJob.py -x Job.ini  
-p 92 -l 500 -r 4000 -t 720 -n 2`

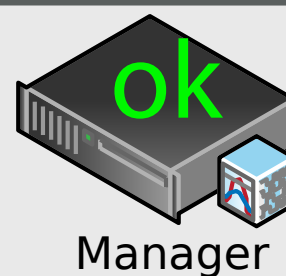
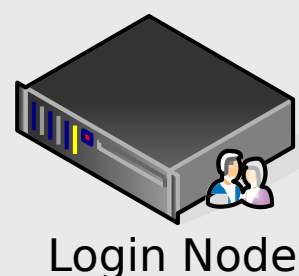


2. Submit Job with **bsub**

3. Trink coffee and hope for the best!

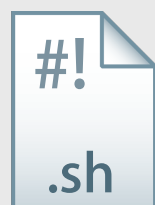
4. Job launched: woo!

5. Job run successfully:  
copy data back



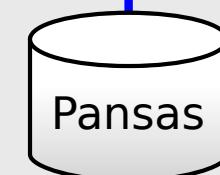
**bsub**

**bsub**



end:

- (file validation)
- notify user



small files



huge files

