

Wikiprint Book

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This page is intended to give a short overview on known issues and to provide potential solutions and workarounds to the issues seen.

Last update: 2021-08-27

2021-08-27: Filesystem issues, no user access !

To stay informed, please refer to the [News page](#). Also, please pay attention to the information contained in the "Message of the day" displayed when logging onto the system.

Detected HW and node issues

CM nodes

- dp-cn05: memory issue - node at Megware for repair ([#2682](#))
- dp-cn25: FW issues ([#2495](#))
- dp-cn42: memory issue ([#2675](#))

ESB nodes

- dp-esb[01-25]: currently being prepared as rocky linux testbed
- dp-esb75: node currently reserved for special use case ([#2568](#))

SDV nodes

- deeper-sdv cluster nodes (Haswell) have been taken offline: deeper-sdv[11-16]
 - not included in SLURM anymore
 - will be used for testing
- knl01: NVMe issues ([#2011](#))

Software issues

SLURM jobs

- due to introduction of accounting there is some re-configuration of user accounts needed within SLURM to assign the correct QOS levels and priorities for the jobs
 - this might lead to (temporary) failing job starts for certain users
 - if you cannot start jobs via SLURM, please write an email to the support list: `sup(at)deep-est.eu`

GPU direct usage with Extoll on DAM

- new Extoll driver for GPU direct over Extoll still shows low performance on the DAM nodes
- available via Developer stage, for testing load:

```
m1 --force purge
m1 use $OTHERSTAGES
m1 load Stages/Devel-2020
m1 load Intel
m1 load ParaStationMPI
```

- expect performance (and maybe also stability) issues