

## **Wikiprint Book**

**Title: Public/User\_Guide/PaS**

**Subject: DEEP - Public/User\_Guide/PaS**

**Version: 70**

**Date: 05.05.2024 20:29:04**

## Table of Contents

Detected HW and node issues	3
CM nodes	3
ESB nodes	3
SDV nodes	3
Software issues	3
SLURM jobs	3
GPU direct usage with Extoll on DAM	3

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:

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

- expect performance (and maybe also stability) issues