

Table of Contents

Detected HW and node issues	2
CM nodes	2
DAM nodes	2
ESB nodes	2
Software issues	2
GPU direct usage with IB on ESB	2
GPU direct usage with Extoll on DAM	2
slurmtop	2

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

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-cn33: node still offline after memory issues ([#2338](#))
- dp-cn49 and dp-cn50: nodes currently reserved for special use case

DAM nodes

- dp-dam03: being investigated after unexpected reboot ([#2323](#))
- dp-dam07: showing problems with its FPGA ([#2353](#))
- dp-dam08: issues with second socket CPU seen ([#2304](#))

ESB nodes

- dp-esb08: GPU shows PCIe x8 connection only ([#2370](#))
- dp-esb11: no GPU device detected, under repair ([#2358](#))
- dp-esb23: MCE problems ([#2350](#))

Software issues

GPU direct usage with IB on ESB

- currently only available via Developer stage, for testing load:

```
module --force purge
module use $OTHERSTAGES
module load Stages/Devel-2019a
module load GCC/8.3.0 or module load Intel
module load ParaStationMPI
```

- use PSP_CUDA=1 and PSP_UCP=1

GPU direct usage with Extoll on DAM

- new Extoll driver for GPU direct over Extoll currently being tested on the DAM nodes
- only available via Developer stage, for testing load:

```
module --force purge
module use $OTHERSTAGES
module load Stages/Devel-2019a
module load GCC/8.3.0 or module load Intel
module load ParaStationMPI
```

- expect performance and stability issues

slurmtop

The slurmtop tool is not working properly, a workaround is to call it via

```
slurmtop 2> /dev/null
```