

## **Wikiprint Book**

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

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

**Version: 71**

**Date: 21.04.2025 16:09:21**

## Table of Contents

Detected HW and node issues	3
CM nodes	3
DAM nodes	3
ESB nodes	3
SDV nodes	3
Software issues	3
nvidia profiling tools	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: 2022-10-12*

**Due to global filesystem issues in the GPFS, user login is currently not possible !**

**Please, use the support mailing list `sup(at)deep-sea-project.eu` to report any issues**

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. The system status is reported on [?JSC status](#) as well.

## Detected HW and node issues

### CM nodes

- dp-cn25: SEL ProblemsFW issues ([#2769](#))
- dp-cn30: Image update needed ([#2991](#))
- dp-cn35: Image update needed ([#3005](#))
- dp-cn36: Image update needed (fixed EM issue, see [#2992](#))
- dp-cn37: Image update needed (fixed EM issue, see [#2993](#))
- dp-cn[47-50]: BeeOnd testbed

### DAM nodes

- dp-dam02: reserved for FPGA tests
- dp-dam03: PCI link speed degraded ([#2931](#))
- dp-dam08: no turbo mode ([#2974](#))
- dp-dam16: testbed

### ESB nodes

- dp-esb[07]: used for Rocky 8.6 tests
- dp-esb[11]: memory issues ([#2857](#))
- dp-esb[25]: Image update needed
- dp-esb[31]: GPU issues ([#2949](#))
- dp-esb[47]: SEL Problems ([#2998](#))
- dp-esb[61]: Eth connections issues ([#3010](#))
- dp-esb[65]: Eth connection issues ([#2978](#))

### SDV nodes

- deeper-sdv cluster nodes (Haswell) have been taken offline: deeper-sdv[01-16]
  - not included in SLURM anymore
  - deeper-sdv[09-10] used for testing (please contact [j.kreutz\(at\)fz-juelich.de](mailto:j.kreutz(at)fz-juelich.de) if you would like to get access)
- knl01: serves as golden client for imaging only
- dp-sdv-esb[01,02]: will only be powered on demand

## Software issues

### nvidia profiling tools

- to launch the tools on a compute node using X-Forwarding another SSH session is needed:

```

srun --forward-x -p dp-esb -N 1 -n 1 --pty /bin/bash -i
ssh -X -J <your account>@deep.zam.kfa-juelich.de <your account>@<the node you received>

```

- you will still see a warning "OpenGL Version check failed. Falling back to Mesa software rendering.", but the profiling tool (e.g. `nsight-sys`) should start up