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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: 2022-09-21

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.

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 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 profling tool (e.g. `nsight-sys`) should start up