

## **Wikiprint Book**

**Title:** Latest news on the DEEP-EST prototype system

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

**Version:** 37

**Date:** 19.05.2025 05:21:16

## Table of Contents

<b>Latest news on the DEEP-EST prototype system</b>	<b>3</b>
System hardware	3
CM nodes	3
ESB nodes	3
DAM nodes	3
Network Federation Gateways	3
Global resources	3
File Systems	3
System software	3
SW updates	3
User management	3
BeeGFS Quotas	3

## Latest news on the DEEP-EST prototype system

This is a summary of the latest news concerning the system. For a list of known problems related to the system, please refer to [this page](#).

### System hardware

#### CM nodes

#### ESB nodes

- remaining two ESB racks have been installed: now 75 ESB nodes present
- currently connected via IB EDR, to be changed to Extoll network later this year

#### DAM nodes

- all nodes still run in app-direct mode for the DCPMM (see [#2366](#))

#### Network Federation Gateways

- two gateway nodes for IB ↔ Extoll bridging between CM/ESB and DAM are available for the users
- for an example on how to use the gateway nodes and for further information, please refer to the [batchsystem](#) wiki page.

### Global resources

#### File Systems

- The old shared file system `/sdv-work` (from previous DEEP projects) has been rebuild after disk failures and is back online
- Shared file system `/work` (BeeGFS) is now mounted via NFS
- It is now possible to access the `$ARCHIVE` file system from the `deepv` login node under `/arch`. For more information about `$ARCHIVE`, please refer to the [Filesystems page](#).

### System software

#### SW updates

- new SLURM version 19.05.6 with workflow support has been rolled out
  - information on how to use workflows have been added [here](#).
  - please, report any problems found
- new 2020a Easybuild stage is currently being set up
- new ParaStationMPI version (5.4.6-1) has been installed and is used as default now

### User management

#### BeeGFS Quotas

- a quota for the BeeGFS file system (mounted to `/work`) is being implemented