

## **Wikiprint Book**

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

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

**Version:** 37

**Date:** 19.05.2024 13:52:30

## 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
System software	3
SW updates	3
User management	3
QoS	3
BeeGFS Quotas	3

## Latest news on the DEEP-EST prototype system

### System hardware

#### CM nodes

#### ESB nodes

- currently only 1 rack installed in the system (25 nodes).

#### 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

### System software

#### SW updates

- upcoming SLURM update to version 19.5.5
  - will require a maintenance for the full system
  - no date fixed yet
- Easybuild has been updated to version 4.1.2
- modules successfully tested in the Devel stage will be included in the production (default) stage
- ParaStation Health Checker now includes a check for GPU presence on the DAM and ESB nodes

### User management

#### QoS

- the quality of service groups (QoS) within Slurm (determining the jobs priority) are currently being re-organized with regards to the accounting introduced with the EAP
- please, report any issues in starting jobs or in specifying an account for your jobs using the `-A` option

#### BeeGFS Quotas

- it's currently under consideration to implement a quota for the BeeGFS file system (mounted to /work)