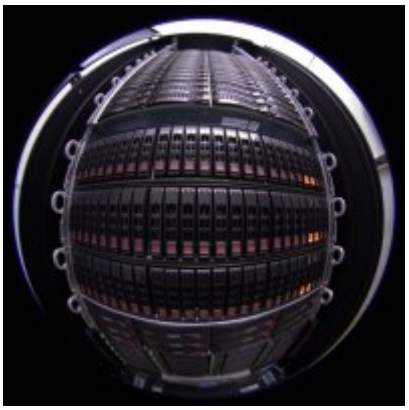
Computational nodes

High-Performance computing (HPC) nodes

These three nodes **draba** (`draba1`, `draba2` and `draba3`) are primarily intended for running computations requiring massive parallelization and plenty of memory such as Apache Hadoop and Spark. Each node is equipped with 4 CPU Intel Xeon Gold 6230 (4x 20 cores (4x 40 threads), 2.1 GHz, turbo 3.9 GHz), 1536 GB RAM and 2x 960 GB NVMe + 2x 1920 GB NVMe disk (scratch 5.2 TB). If you are interested in using Apache Spark please contact Yann JK Bertrand. Of course it is possible to run any task on them. Server load.



Standard computational nodes

Each of the six nodes **carex** (`carex1` to `carex6`) is equipped with 1 CPU AMD EPYC Naples 7261 (8 cores (16 threads), 2.5 GHz, turbo 2.9 GHz), 512 GB RAM and 2x 960 GB NVMe + 2x 1920 GB NVMe disk (scratch 5.2 TB). They are intended for general purpose computation. Server load.

Each of the four nodes **vinca** (`vinca1` to `vinca4`) is equipped with 1 CPU AMD EPYC 7302P (16 cores (32 threads), 3.0 GHz, turbo 3.3 GHz), 512 GB RAM and 3x 1920 GB NVMe disk (scratch 5.2 TB). They are intended for general purpose computation. Server load.

From:
https://sorbus.ibot.cas.cz/ - **Institute of Botany MetaCentrum cluster and storage**

Permanent link:
https://sorbus.ibot.cas.cz/en/hw/vypocetni

Last update: **2021/03/17 16:51**