

Virtual servers

Virtual server are running on blade server MicroBlade 314E-220 with 7 blades, each with 2x Intel Xeon, 2.1GHz, 8 cores (16 threads), 256 GB RAM, SSD. Virtualization platform is Proxmox.



Frontend node tilia

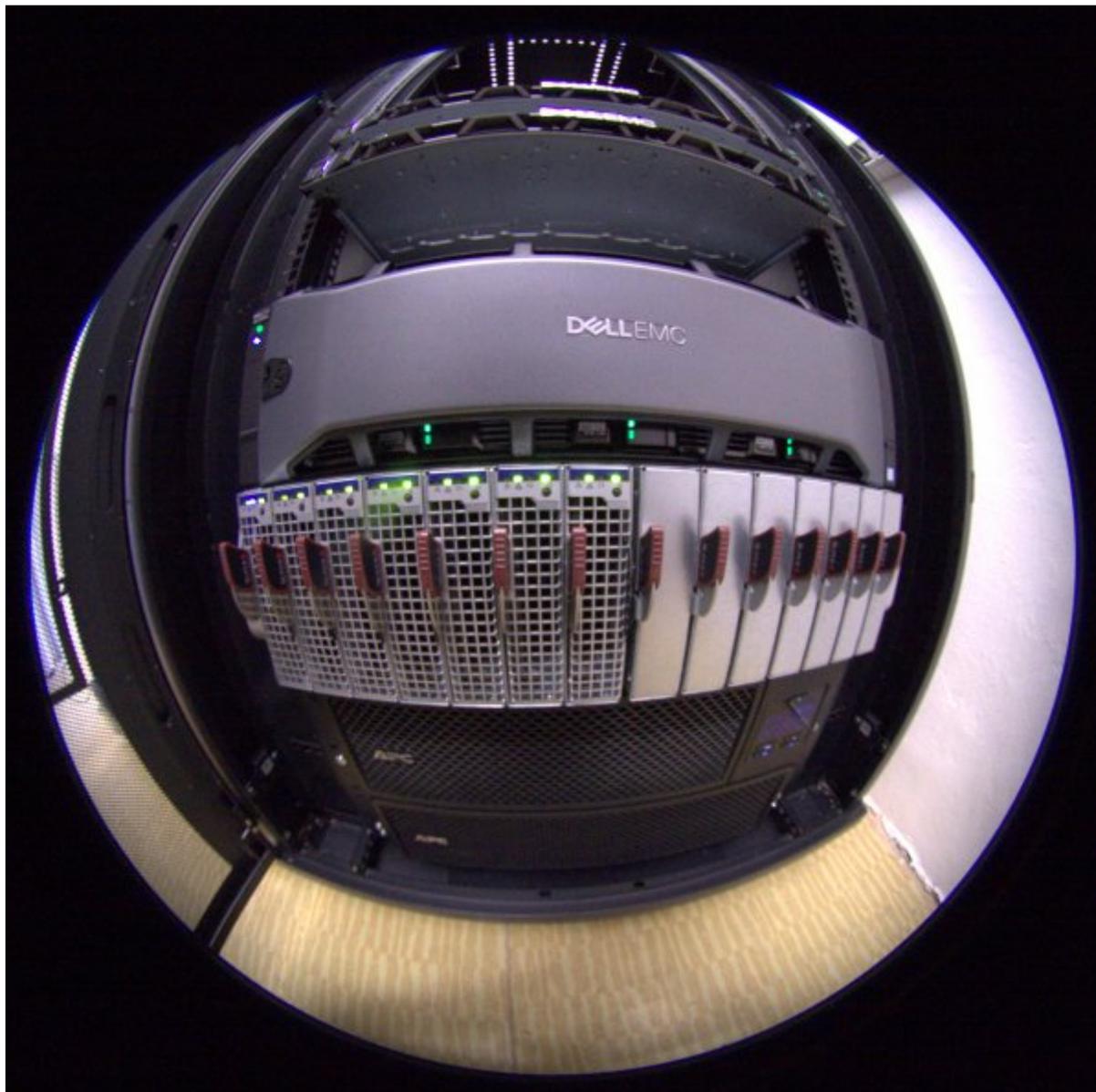
The node comprises of 4 vCPU, 2.4 GHz, 8 GB RAM and 50 GB SSD disk. Its usage follows the same procedures as for any other [frontend node in the MetaCentrum](#). It is mainly advantageous to log there in order to process data stored on the [Průhonice data array](#) and/or to [send requests to the Průhonice cluster](#). It can be reached at `tilia.ibot.cas.cz` (alias `tilia.metacentrum.cz`) and home directories are located at `/auto/pruhonice1-ibot/home/...` on the data array.

Database server

The server is equipped with 8 vCPU, 2.4 GHz, 32 GB RAM and 60 GB SSD disk. It is mainly intended for running NoSQL databases such as [Neo4j](#) and [MongoDB](#) that are used during Apache Hadoop and Spark computations on the [HPC nodes](#), and for other specialized tasks.

Gitlab server

The server is equipped with 10 vCPU, 2.4 GHz, 16 GB RAM and 2 TB SSD disk. It is used exclusively for running [GitLab](#).



Back to [hardware overview](#).

From:

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

Permanent link:

<https://sorbus.ibot.cas.cz/en/hw/vm?rev=1597415491>

Last update: **2020/08/14 14:31**

