

Back to [the Institute of Botany & MetaCentrum](#), usage of the [computing resources](#) and see also [work on the cluster](#).

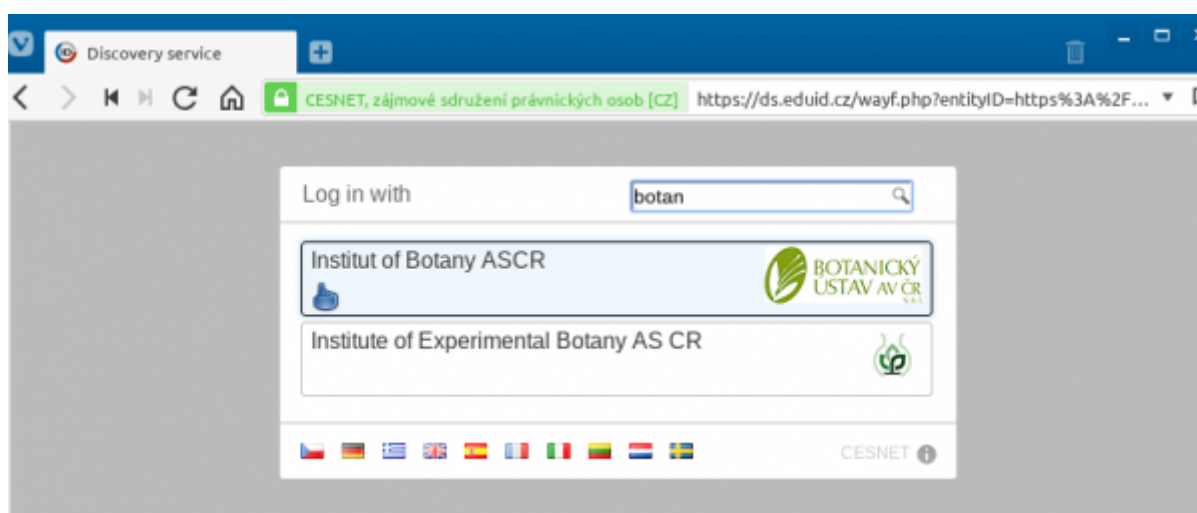
# Access to the computing cluster of IBOT for employees and collaborators

1. Complete [the application for the MetaCentrum](#) (you can register under any organization, not solely IBOT).
2. Join the **ibot** group by contacting the [cluster's administrator](#). Membership of this group is not mandatory for using the computing resources, but grants a higher priority.
3. It is recommended that computational tasks are prepared on the [frontend](#) node `tilia.ibot.cas.cz` (alias `tilia.metacentrum.cz`), although this is not a requirement.
4. Data can be stored on the [Průhonice data storage](#) (again not a requirement) at `/storage/pruhonice1-ibot/`.
5. At submission to the computing queue, by adding to the `qsub` command the `-q ibot` parameter, the analysis will be carried on our cluster, e.g. `qsub -l walltime=1:0:0 -q ibot -l select=1:ncpus=1:mem=1gb:scratch_local=1gb -m abe script.sh`.

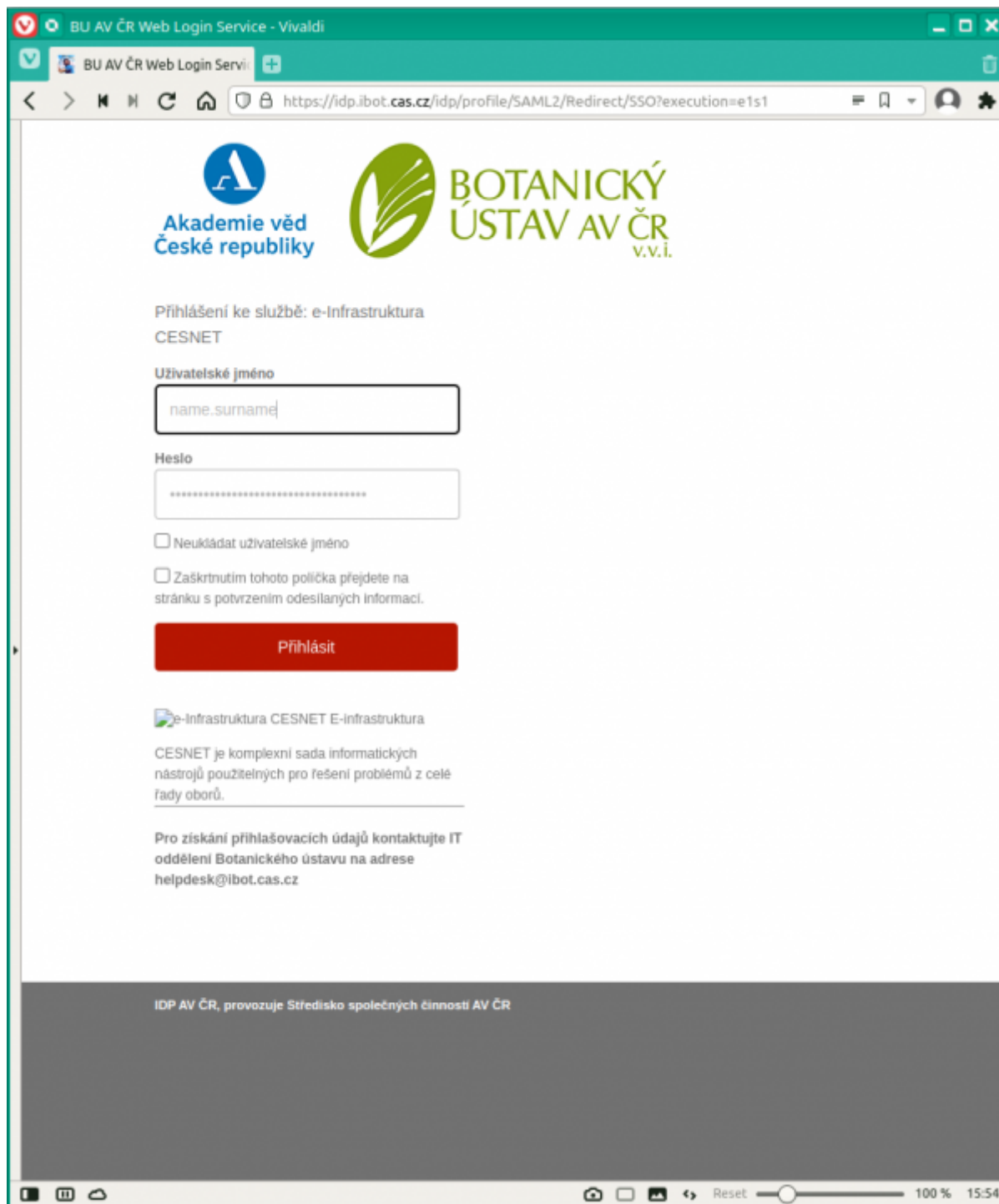
Employees and students from other organizations can submit tasks and run [any applications](#) on the Průhonice cluster using the same [requesting commands](#) and following the same [rules](#) as for any other node in the MetaCentrum.

## Login into MetaCentrum infrastructure

All logins into MetaCentrum infrastructure, including [application](#) (and e.g. [ownCloud](#) or [FileSender](#)) use [EduID](#):




After finding and selecting Institute of Botany, the user is redirect to page requesting logging with institutional credentials. User name and password for VERSO are used (no domain):




BU AV ČR Web Login Service - Vivaldi

BU AV ČR Web Login Servi

<https://idp.ibot.cas.cz/idp/profile/SAML2/Redirect/SSO?execution=e1s1>

 Akademie věd České republiky

 BOTANICKÝ ÚSTAV AV ČR v.v.i.

Přihlášení ke službě: e-Infrastruktura CESNET

Uživatelské jméno

name.surname

Heslo

Neukládat uživatelské jméno

Zaškrtnutím tohoto políčka přejdete na stránku s potvrzením odesílaných informací.

Přihlásit

e-Infrastruktura CESNET E-Infrastruktura

CESNET je komplexní sada informatických nástrojů použitelných pro řešení problémů z celé řady oborů.

Pro získání přihlašovacích údajů kontaktujte IT oddělení Botanického ústavu na adrese [helpdesk@ibot.cas.cz](mailto:helpdesk@ibot.cas.cz)

IDP AV ČR, provozuje Středisko společných činností AV ČR

If the user from the Institute of Botany does not have VERSO user name and password, it is necessary to visit <https://praha.verso.eis.cas.cz/> and request sending of forgotten password (figure below; using institutional e-mail or personal number). After obtaining user name and password it is possible to use the above login screen.



From:

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

Permanent link:

<https://sorbus.ibot.cas.cz/en/pristup?rev=1597741587>

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