

Compute facilities and clusters

Sterrewacht

Many research groups have their own compute node(s). Most of these are running RedHat Enterprise Linux 9, which is slightly different than the Fedora operating system we have on the desktops, so users should probably recompile and optimize their code for that OS separately!) Users should get information on which nodes to use from their group (supervisor, co-workers). Most of these compute nodes are only reachable from within our own institute (from a Linux desktop, [SSH through a gateway](#), or [VPN](#)).

general compute nodes

There are a couple of compute nodes for general use. Access from our own networks only. Hostnames are: maas, waal, ijsseL.

VDESK

See [virtualdesktopserver](#)

Instituut Lorentz

Apart from dedicated nodes in ALICE (see below), the instituut has 3 compute nodes for general use, reachable by ssh from within the instituut (or IL vpn). Hostnames are rembrandt, hals and dou.

External clusters

ALICE

Users can apply for an account at the Leiden University cluster called ALICE. We (the strw/lion computergroup) do not run that facility, but we can provide some help for scientific software. Software setup is similar to the easybuild environment we have at our institutes.

- [ALICE documentation and signup forms](#)

SURF

SURF, the collaboration of dutch universities, maintains central compute resources for the

participating universities. Access requires an application for time.

See <https://www.surf.nl/en/services/compute>

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