# Cloud Computing

The IFCA Advanced Computing and e-Science research group operates an OpenStack based cloud, focused on scientific and research usage.

You may get access upon request. There are several ways to access the infrastructure, namely:

- Horizon Web dashboard
- OpenStack API, that can be used with the different command line interfaces.

Getting support

Do not hesitate in opening a ticket if you notice problems using cloud services.

## Available instance types

As in every other cloud service, hardware configurations are limited to pre-configured instance (virtual machine) types or *flavors*. Instance types comprise varying combinations of CPU, memory, storage, and networking capacity and give you the flexibility to choose the appropriate mix of resources for your applications. Each instance type includes one or more instance sizes, allowing you to scale your resources to the requirements of your target workload.

You can check what is available on our Cloud Compute Flavors page.

## Documentation

The official, up to date documentation can be found in the following link:

- http://docs.openstack.org/user-guide/content/

Please refer to that documentation, since it contains the most up to date and accurate documentation for using OpenStack resources.