Getting or renewing an HPC account

Quick Links

HPC Home
Getting an account
Gentle Introduction to using HPC
Getting started on Prince
Prince How-to Articles
Logging in
   Windows
   Mac / Linux
Clusters and Storage
   Prince (HPC)
   Dumbo (Hadoop)
   Brooklyn (OpenStack)
   Dalma (NYU Abu Dhabi)
Transferring data to/from the clusters
Transferring data to/from Prince cluster using Globus
Submitting jobs with sbatch
Available software
Licensed Software
Available on the HPC Cluster
**Bulk HPC Accounts for Courses**

HPC bulk accounts request is disabled for HPC sponsors. Please fill out this Request Form for the course, we'll create HPC accounts for the class per request.

**Click here to request HPC accounts**

**Who is eligible for an HPC account?**

NYU HPC resources are available at no charge to full-time NYU faculty and to all other NYU staff and students with full-time NYU faculty sponsorship (more...)

Getting an account on the NYU HPC clusters

First you need a valid NYU NetID. Your HPC sponsor can request one for you here. You also need a valid NYU Google account to receive emails, as does your HPC sponsor - contact us if you need assistance with this.

Next you need a faculty sponsor.

Finally, log into the NYU Identity Management service and follow the link to "Request HPC account". We have a walkthrough of the process here.
Renewing your HPC account

Each year, non-faculty users must renew their HPC account by filling in the account renewal form from the NYU Identity Management service. See Renewing your HPC account with IIQ for a walk-through of the process.

Information for faculty who sponsor HPC users

You can request a NetID for your student or collaborator here. The request form has additional information about affiliates.

Each year, your sponsored users must renew their account. You will need to approve the renewal by logging into the NYU Identity Management service. We have a walkthrough of the process, with screenshots, here.

Pre-approving a list of netids for class HPC accounts (see notice above)

Faculty (who can sponsor HPC accounts) can pre-approve requests in bulk—this is intended to streamline the process of registering a class to use the HPC facilities. Faculty can set this up via the NYU Identity Management service. We also have a walkthrough of the process here.

Getting an account with one of NYU partners

NYU partners with many state and national facilities with a variety of HPC systems and expertise. Contact us for assistance setting up a collaboration with any these.

The Open Science Data Cloud
Provides 1TB free storage for science data. We encourage researchers to publish datasets associated with published research as “Public Data” on OSDC

The NY State High Performance Computing Consortium (hpc^2)
Provides high performance computing resources for New York State industry and academic institutions:
- Rensselaer Polytechnic Institute
- Stony Brook University - Dave Ecker
- University at Buffalo
- Brookhaven National Lab
- NYSERNet

The Extreme Science and Engineering Discovery Environment (XSEDE)
The most advanced, powerful, and robust collection of integrated advanced digital resources and services in the world; a single virtual system that scientists can use to interactively share computing resources, data, and expertise.

Open Science Grid
A national, distributed computing grid for data-intensive research.

The Common Solutions Group
for cooperative exploration of common solutions to IT challenges in higher education

The Open Science Project
is dedicated to writing and releasing free and Open Source scientific software.

NYSERNet
is a private not-for-profit corporation created to foster science and education in New York State

The National Science Foundation
An independent federal agency created by Congress in 1950 “to promote the progress of science; to advance the national health, prosperity, and welfare; to secure the national defense.”

Oak Ridge National Laboratory
The Department of Energy’s largest science and energy laboratory.

Argonne National Laboratory
One of the U.S. Department of Energy’s largest research centers. It is also the nation’s first national laboratory, chartered in 1946.

TOP500 Supercomputer Sites
A project started in 1993 to provide a reliable basis for tracking and detecting trends in high-performance computing.