## Clusters

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The NYU HPC team currently maintains two clusters: The HPC cluster **Prince** and the Hadoop cluster **Dumbo**.

### HPC user accounts
An HPC User account provides access to all NYU HPC and Big Data clusters. If you don't have a user account, you may [apply for an HPC user account](#).

### Old HPC clusters
NYU HPC team has retired its older clusters (*Union Square, Cardiac, Bowery, Mercer*). The current production HPC cluster is **Prince**.

### Prince
*Prince* is the new HPC cluster that is currently being deployed. Prince will replace the HPC Mercer Cluster.
- For a description of the HPC Prince cluster, see [Clusters - Prince](#).
- For information on how to access and use the HPC Prince cluster, see [Getting started on Prince](#).

### Dumbo
*Dumbo* is a 44 data node Hadoop cluster running Cloudera Distribution of Hadoop (CDH).
- For a detailed description of dumbo and how to access it, please see the [dumbo wiki pages](#).

### Brooklyn
**Brooklyn** cluster
Brooklyn Research cluster is currently in its Alpha phase. It will be in its Pilot phase in Spring 2018.

- Brooklyn is an Openstack cluster consisting of 25 compute nodes, each equipped of 4 GPUs.
- For a detailed description of the Brooklyn Research cluster, please see [Clusters - Brooklyn Research Cluster](#)
- [Presentation Slides](#)