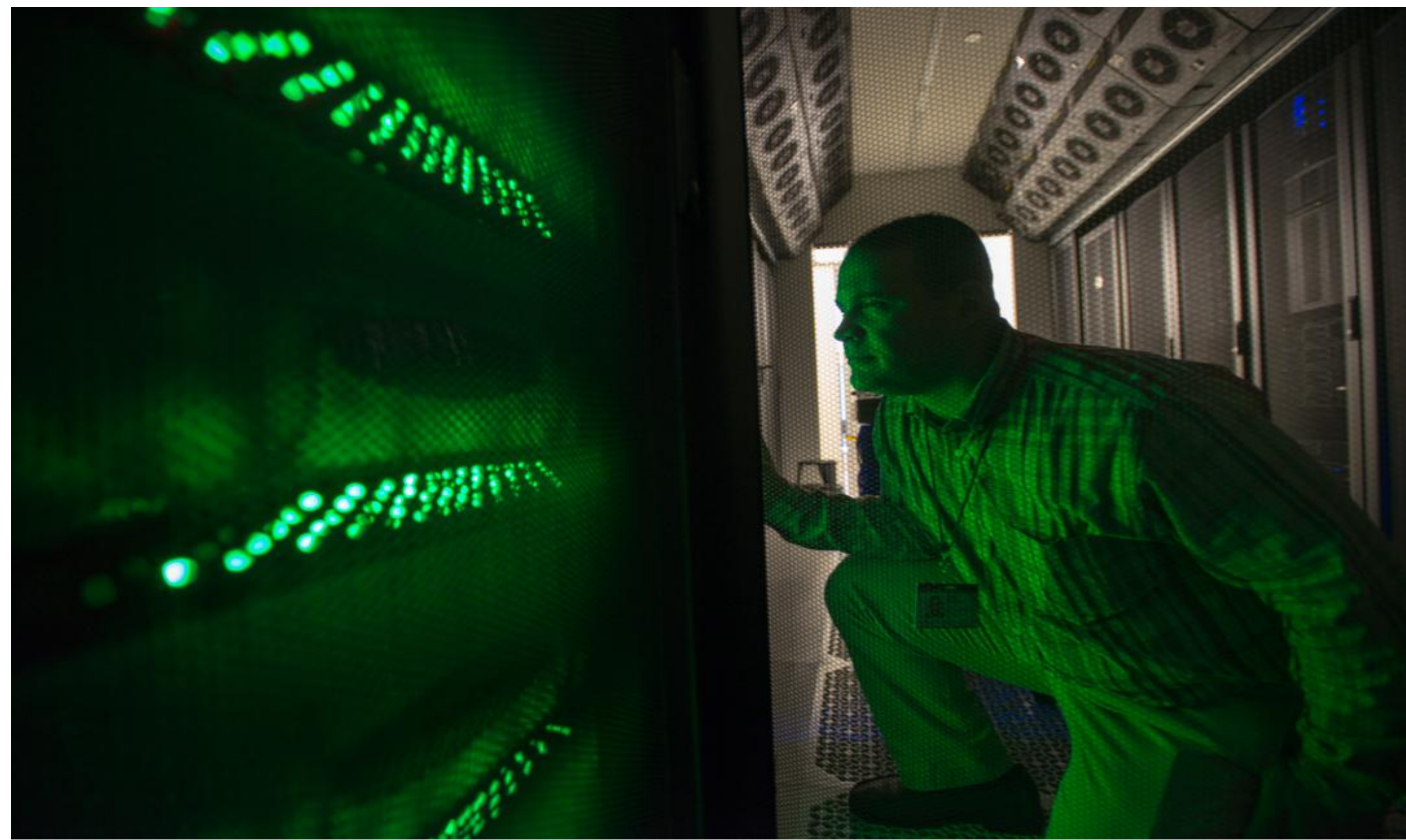




*As an Academic Unit, We Provide Dedicated High-Performance Compute Resources and Services to Enable Research.*

## Petascale Storage



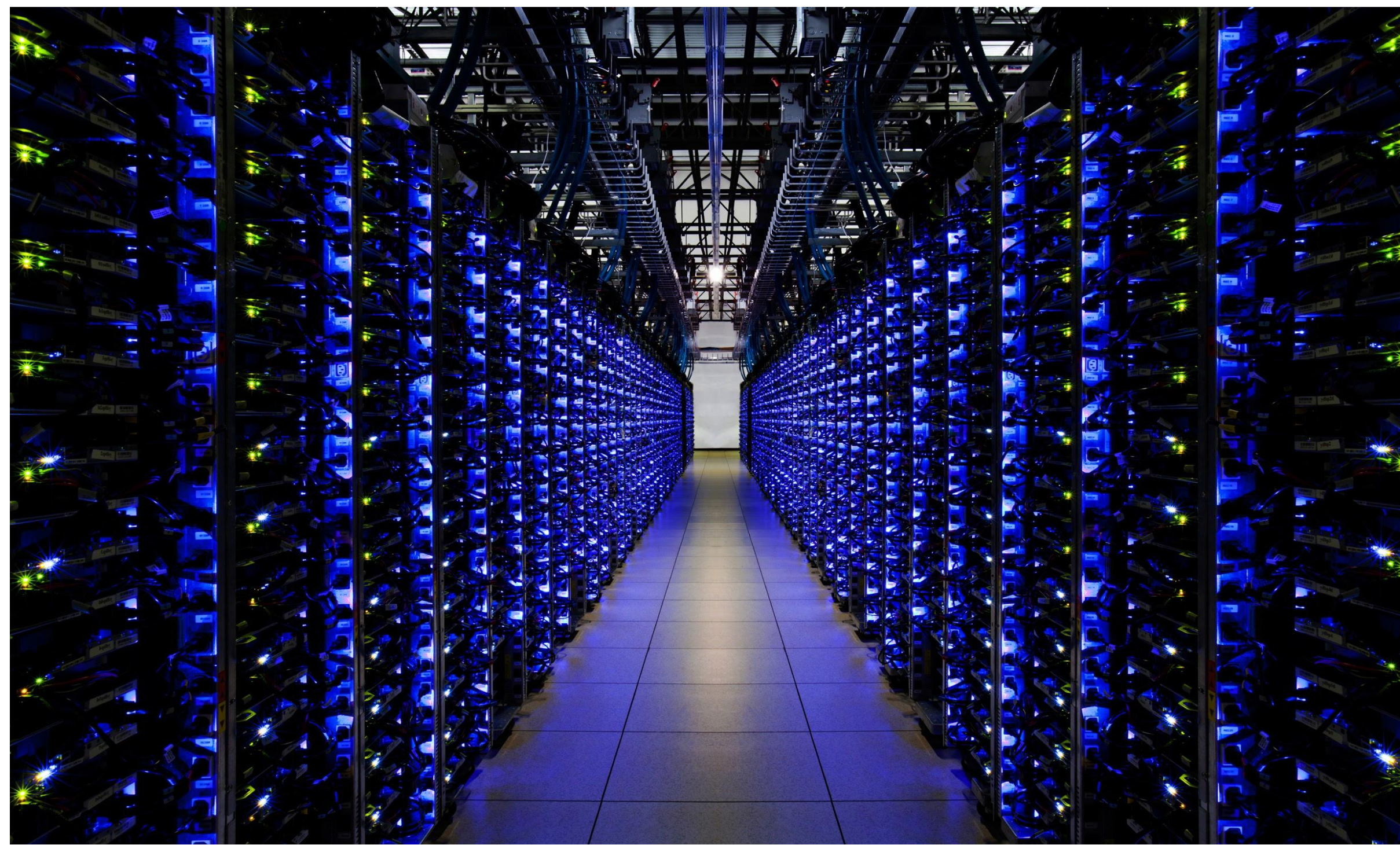
High-performance GPFS storage, including a recent expansion of 1.7 PB.

We offer both persistent **scratch** storage and **backed up** storage on the high-performance tier.

For sensitive data, we offer **optional encryption** of portions of the data store.

*Coming soon*, we will offer in-line tiering to lower-cost storage for older or less-used data to offer the best value possible.

## Compute Cluster Access



Storage leases come with **unlimited compute access** on our in-house 2,000+ thread cluster.

Access to the cluster is mediated by a batch queuing system (SGE), and priority is determined by how much storage is leased.

Our compute nodes have 32 threads with either 128GB, 384GB or 1.5TB of memory available.

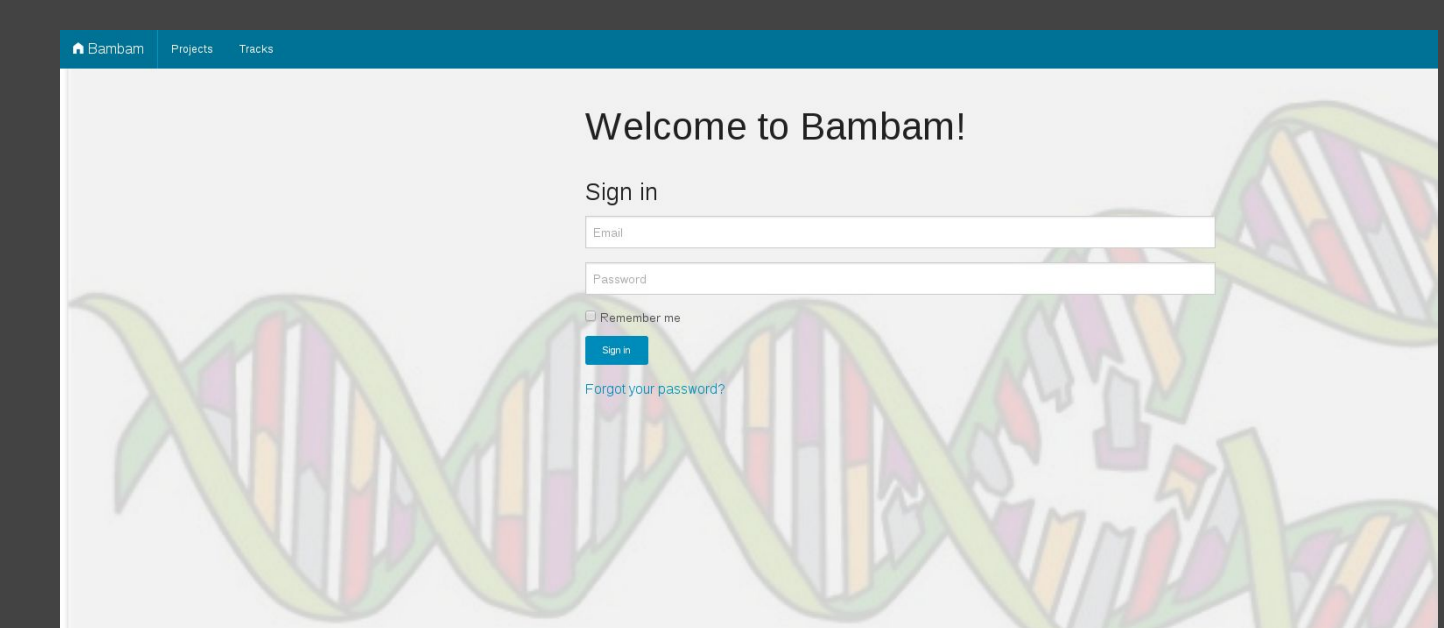
They are connected to the storage and each other via 56GB/s infiniband.

## Consulting & App Development



Access to our team of Scientific Systems Administrators, Computer Scientists and Application Developers comes along with storage and compute leases, and there is **no charge** for our consulting time. We are here to help you get the most of our resources!

**Custom web application development** is also available as a scoped project.



<http://abc.med.cornell.edu/bambam>