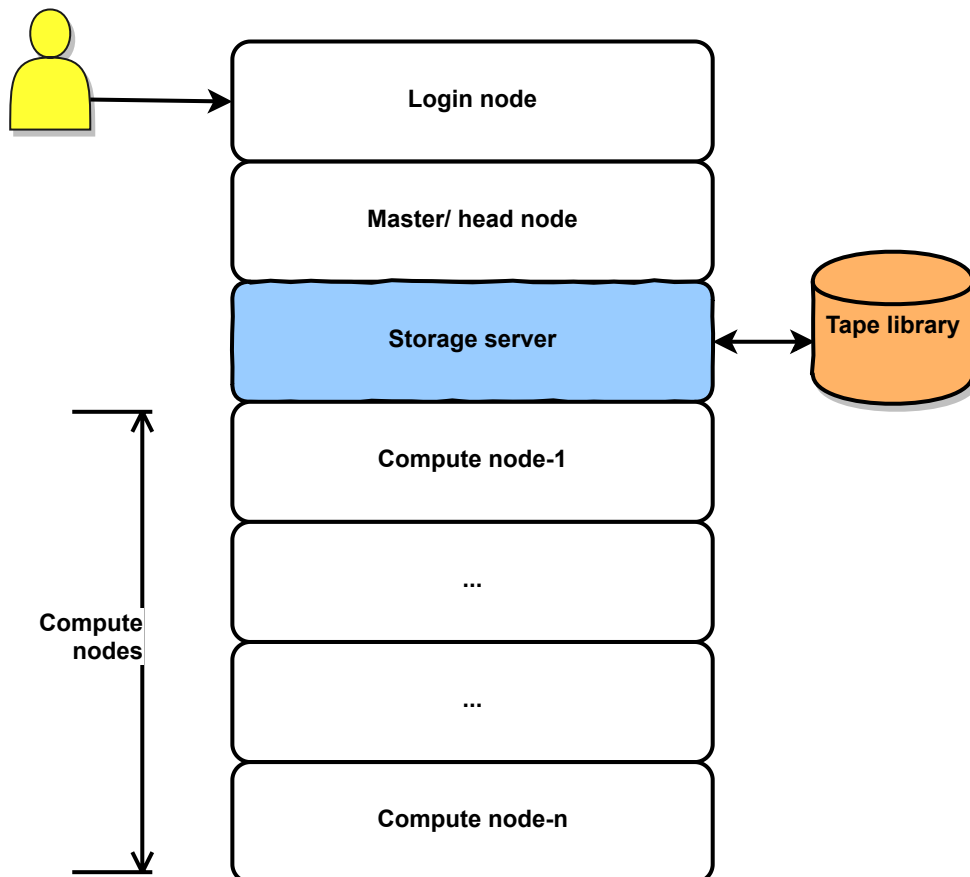


Storage node(s)

What is a storage node?



A typical HPC diagram (storage node highlighted)

Compute nodes must have fast, reliable, and simultaneous access to the storage system. This can be accomplished in a variety of ways depending on the specific requirements of the application. Storage devices may be directly attached to the nodes or connected only to a centralized node (storage node) that is responsible for hosting the storage requests through **Networked file system** (**NFS**) mounts.

The use of a clustered file system is essential in modern computer clusters. Examples include the IBM's **General Parallel File System** (**GPFS**), Microsoft's **Cluster Shared Volumes** or the Oracle **Cluster File System**. The storage node in turn can be connected to tape libraries for further backups.

