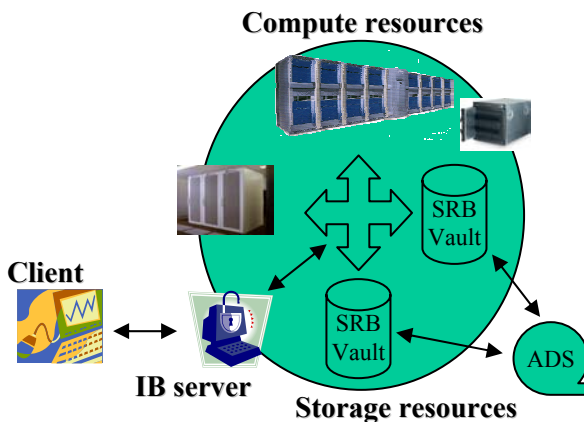
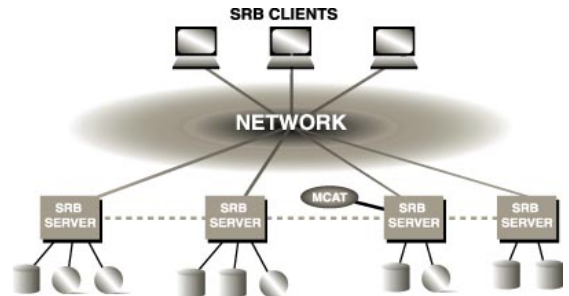


SRB provides the fabric for the IB framework

- The SDSC Storage Resource Broker (SRB) is a client-server middleware that provides a uniform interface for connecting to heterogeneous data resources over a network and accessing replicated data sets. SRB, in conjunction with the Metadata Catalog (MCAT), provides a way to access data sets and resources based on their attributes rather than their names or physical locations.



- Application is stored in SRB – Collection for application, version + platform
- User ensures correct input data is available in SRB
- User submits job via IB portal
- Execution scripts copy application and input files from SRB space
- Simulation is submitted to queuing system
- Job runs
- Output files are put back in SRB space
- Results are available through the usual SRB interfaces for the user to look at or further work on

Since version 3.0, SRB supports the 'Zone' concept which allows independent SRB installations to collaborate seamlessly.

In the case of IB, this will enable the three independent project groups to work together whilst still maintaining their autonomy.

