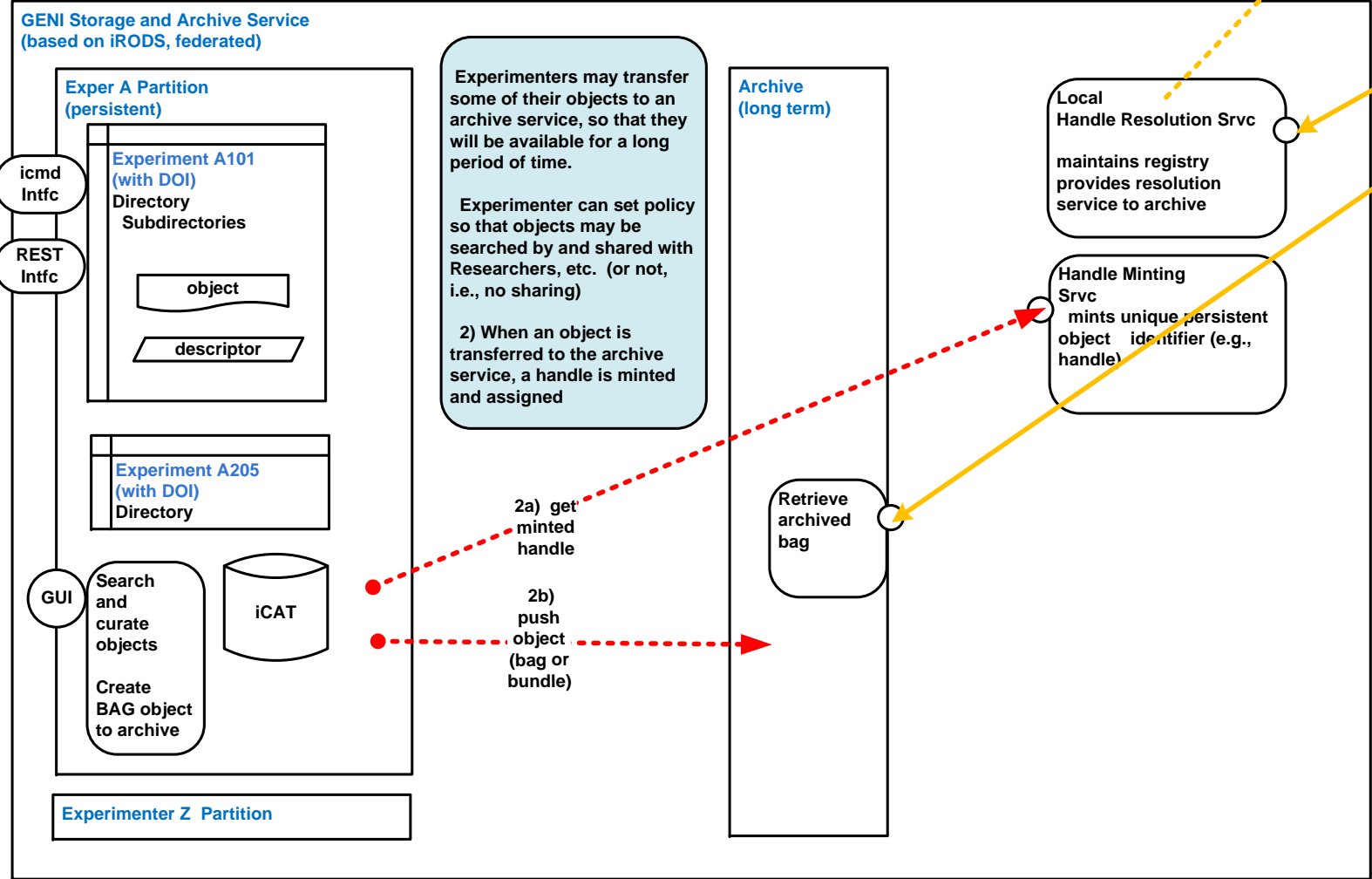


- 1a) GENI has an assigned Handle Prefix
- 1b) There may be multiple Local HRS in GENI, each associated with an Archive Srvc
- 1c) Each Local HRS uses an assigned range of Handle suffixes, which are provided by Local Handle Minting Srvc
- 1d) Each Local HRS registers its range with the Global HRS

If authentication of a service (i.e., OML Client service or iRODS interface service) is required as it connects to a server, how can it be done?
Consider making a proxy cert from the user's cert that can be delegated



Global Handle Resolution Srvc
maintains registry
provides resolution service to local site



3a) request, and resolve to local site

1d) register

3b) request, and resolve to object location

3c) retrieve object

- 3a) Reference link provides a url that is resolved by dns to global handle resolution srvc
- 3b) Then global handle resolution srvc resolves handle (DO Identifier) to proper Local Handle Resolution srvc
- 3c) Local HRS resolves handle directly to the object in the Archive Srvc, and then redirects web browser to it
- 3d) When an object is viewed via web interface, it reconstitutes the directory structure

