AUTHORIZATION Narrative

- Modules in the system have a unique name and are either apps or extensions. Apps have a version while extensions have a type. Each module exposes some number of privileges, each with a name that is unique to the module.

- Users in the system have a unique name and a password. Groups in the system have a unique name and a description. A user can belong to any number of groups. Both users and groups can be granted privileges, and a user is implicitly granted a privilege if it is a part of a group that has the privilege. For authorization, it is important to know whether or not a user has been granted a privilege (either explicitly or implicitly).