

Permissions

This is the system that is used for determining user permission and access levels for the servers.

Authentication Server

A server that handles the login process, and provides a user with a token that specifies their identity for the Resource Server

- Anyone can log in to an account if they provide the proper credentials (identity)
- Anyone can add an account through the authentication server if they have a unique identity and provide credentials to use
 - for now it is assumed that your account is already created and valid for any identity

Resource Server

The server that houses the leaderboards. Different users can access different parts of the server and are allowed to modify different things.

Public Features

- A list of users and the user's ID, name, creation date, list of verified entries, and permissions for each leaderboard
- A list of leaderboards for which all users are granted Read Access

Permission Levels

- No Access
 - No resources can be accessed besides those which are publicly readable, all other requests responded to with Access Denied
- Read Access
 - Verified entries can be viewed, including ID, place, player name, score, date/time of submission, date/time of verification and who verified it, a list of proof files, the content of proof files, the number of comments and the comments themselves.
- Write Access (includes Read Access)
 - Submissions can be created, including score, description, and proof files
 - **All** entries from this user can be viewed and comments can be added, or the entry can be removed

- Moderator (includes Write Access)

- Moderator (includes write Access)
 - Unverified entries from any user can be viewed
 - Comments can be added to any unverified entry
 - An unverified entry can be verified
 - An entry can be removed
 - Permissions for any user with below moderator access can be modified for this leaderboard

Administrator Privileges

- Admin includes Moderator permissions **for all leaderboards** plus
 - Create/delete leaderboards
 - set leaderboard score order
 - Delete users
 - Modify permissions for any user for any leaderboard
- The first user to connect to a resource server is given admin permissions